

Converting Colors

XYZ(76.3002, 81.7889, 90.2946)

Have a look what the booklet for
XYZ(76.3002, 81.7889, 90.2946)
contains.

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Color

**XYZ(76.3823, 81.7457,
90.3500)**

Conversions

Conversions Part 1

Format	Color
Hex	E3EBEB
RGB	227, 235, 235
RGB Percent	89%, 92%, 92%
CMY	0.1098, 0.0784, 0.0784
CMYK	0.03, 0.00, 0.00, 0.08
HSL	180°, 17%, 91%
HSV	180°, 3%, 92%
XYZ	76.3823, 81.7457, 90.3500
YIQ	232.6080, -4.7680, -1.6960

Conversions

Conversions Part 2

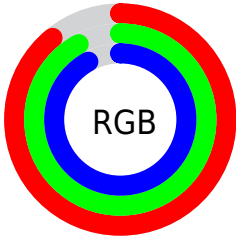
Format	Color
R_{YB}	227, 231, 235
Decimal	14937067
CIE _{Lab}	92.46, -2.65, -0.94
CIE _{LCh}	92, 2.812, 199.438
Yxy	81.7457, 0.3074, 0.3290
Android (android.graphics.Color)	4293127147 (0xFFE3EBEB)
YUV	232.6080, 1.1793, -4.9182
Hunter-Lab	90.4133, -7.4243, 4.0409

Details

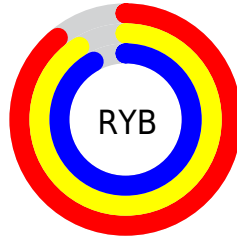
The XYZ color **76.3823, 81.7457, 90.3500** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.5982, 78.1486, 83.7768**, and the grayscale version is **77.1534, 81.1714, 88.3957**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.2700, 44.2655, 49.0168** is the 20% darker color. If you saturate the color by 10%, you get **69.4693, 78.1844, 90.0199**, and if you desaturate by 10%, it is **84.3117, 85.8356, 90.7310**.

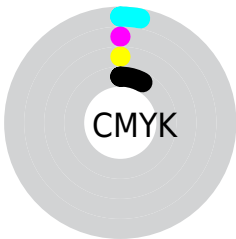
Distribution



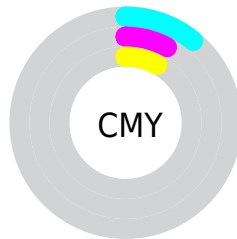
- Red (89%)
- Green (92%)
- Blue (92%)



- Red (89%)
- Yellow (91%)
- Blue (92%)



- Cyan (3%)
- Magenta (0%)
- Yellow (0%)
- Black (8%)



- Cyan (11%)
- Magenta (8%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.3823, 81.7457, 90.3500 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 76.3823, 81.7457, 90.3500 by changing the saturation by 10% instead.

■ 76.3823, 81.7457,
90.3500

■ 76.3823, 81.7457,
90.3500

471.5797,
500.7967, 549.7682

■ 57.0442, 61.1559,
67.6956

127.2446,
135.8173, 149.7642

■ 41.2810, 44.3510,
49.1850

159.4996,
170.0680, 187.3612

■ 28.7274, 30.9466,
34.3996

196.7909,
209.6411, 230.7760

■ 19.0179, 20.5582,
22.9209

239.4838,
254.9210, 280.4273

■ 11.7873, 12.8014,
14.3304

287.9439,
306.2921, 336.7337

■ 6.6702, 7.2919,
8.2094

342.5363,

■ 3.3012, 3.6453,

364.1388, 400.1136

4.1396

403.6264,
428.8455, 470.9856

■ 1.3150, 1.4772,
1.7022

■ 0.1944, 0.2726,
0.3623

■ 76.3823, 81.7457,
90.3500

■ 76.3823, 81.7457,
90.3500

■ 69.4693, 78.1844,
90.0199

■ 84.3117, 85.8356,
90.7310

■ 63.5249, 75.1201,
89.7335

■ 85.9487, 86.6793,
90.8159

■ 58.5081, 72.5340,
89.4905

■ 85.9502, 86.6799,
90.8242

■ 54.3720, 70.4020,
89.2887

■ 85.9518, 86.6805,
90.8325

51.0659, 68.6978,
89.1257

85.9534, 86.6812,
90.8408

48.5337, 67.3926,
88.9990

85.9550, 86.6818,
90.8491

46.7124, 66.4539,
88.9055

85.9566, 86.6824,
90.8574

45.5295, 65.8442,
88.8419

85.9581, 86.6831,
90.8657

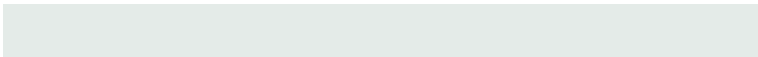
44.8965, 65.5181,
88.8041

85.9597, 86.6837,
90.8740

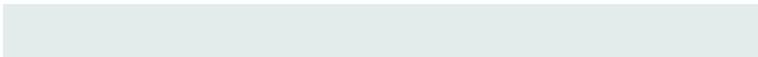
Harmonies

Analogous

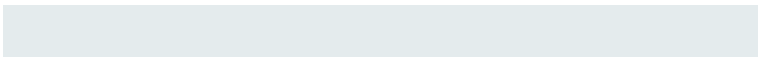
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.3268, 81.7457, 88.2732



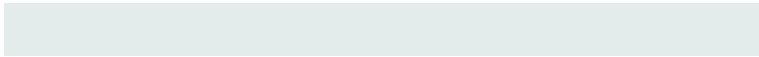
76.3823, 81.7457, 90.3500



76.7888, 81.7457, 92.0924

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.3823, 81.7457, 90.3500



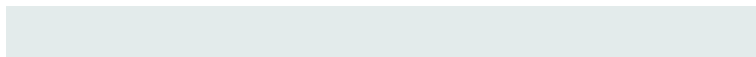
78.7668, 81.7457, 91.6436



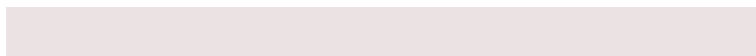
77.9541, 81.7457, 85.1182

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



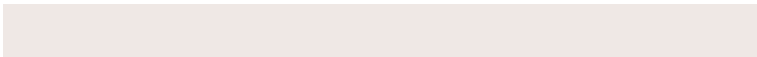
76.3823, 81.7457, 90.3500



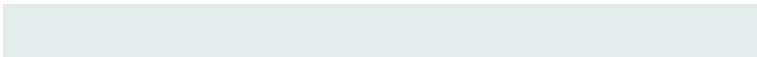
75.5982, 78.1486, 83.7768

Split Complementary

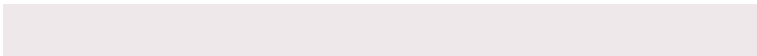
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.6120, 81.7457, 85.9917



76.3823, 81.7457, 90.3500



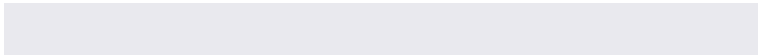
79.0832, 81.7457, 89.7452

Square

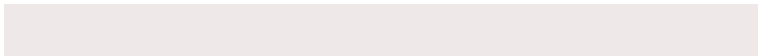
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.3823, 81.7457, 90.3500



78.1643, 81.7457, 92.8473



79.0264, 81.7457, 87.6777



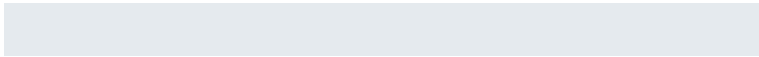
77.2312, 81.7457, 85.2744

Rectangle

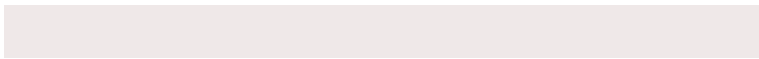
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.3823, 81.7457, 90.3500



77.2055, 81.7457, 92.8196



79.0264, 81.7457, 87.6777



78.1903, 81.7457, 85.3006

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



76.3846, 81.7492, 90.3518



94.1179, 99.5195, 108.8554



75.2965, 81.3188, 84.4019



20.1549, 21.3063, 23.3000



0.0000, 0.0000, 0.0000



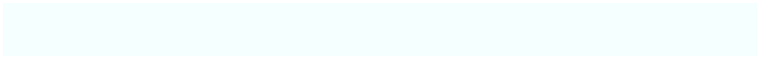
20.3446, 21.4041, 23.3091

Same Dimension

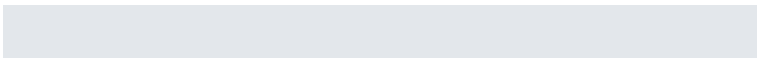
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.3846, 81.7492, 90.3518



91.3957, 98.1162, 108.7250



75.2896, 79.5582, 89.9894



16.2351, 17.4918, 19.4420



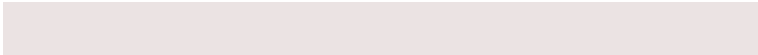
24.8710, 36.4029, 49.4133



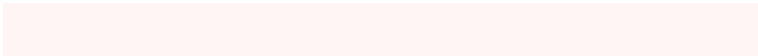
1.9531, 2.8585, 3.8807

Inverse Universe

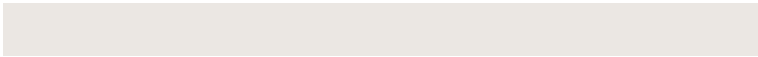
The Inverse Universe completely reimagines the original color for something new.



75.5982, 78.1486, 83.7768



90.2836, 93.0245, 99.4271



76.6677, 80.2884, 84.1307



16.0019, 16.4241, 17.4924



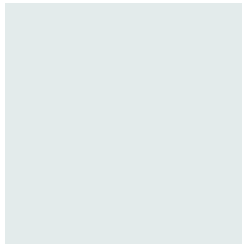
19.0682, 9.8300, 0.8948



1.4974, 0.7719, 0.0708

Previews

White Background



This preview shows how the XYZ color 76.3823, 81.7457, 90.3500 looks on a white background.

Color Contrast Check

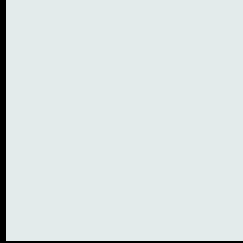
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 76.3823, 81.7457, 90.3500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

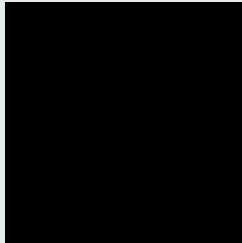
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

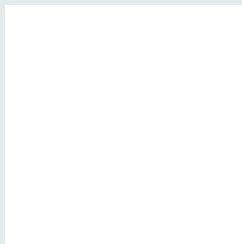
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.3823, 81.7457, 90.3500

Background



This preview shows how black text looks on a background with the XYZ color 76.3823, 81.7457, 90.3500.



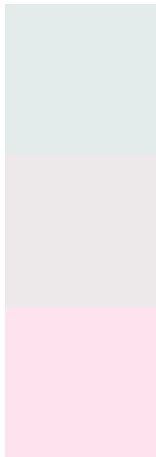
This preview shows how white text looks on a background with the XYZ color 76.3823, 81.7457,

90.3500.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

76.3823, 81.7457, 90.3500

Protanopia

78.4896, 81.6009, 88.7045

Deuteranopia

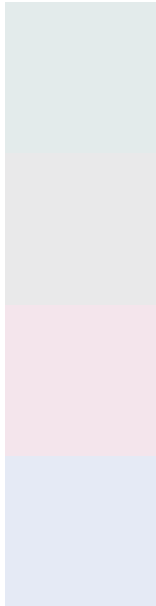
83.3555, 81.5780, 91.4736



Tritanopia

79.1846, 82.0659, 102.9336

Trichromacy



Original Color

76.3823, 81.7457, 90.3500

Protanomaly

77.5945, 81.5420, 89.4914

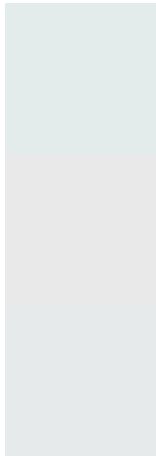
Deuteranomaly

80.4679, 81.3278, 90.8136

Tritanomaly

78.2173, 82.0962, 98.1099

Monochromacy



Original Color

76.3823, 81.7457, 90.3500

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

77.2291, 81.7751, 89.5557

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.3823, 81.7457, 90.3500 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(227, 235, 235) looks like.

```
.text, #text, p{  
    color:rgb(227, 235, 235)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(227, 235, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 235, 235) }
```

Border

The CSS property to change the border of an element to XYZ 76.3823, 81.7457, 90.3500 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(227, 235, 235) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(227, 235, 235) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(227, 235, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 235, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 235, 235);  
box-shadow:4px 4px 4px 4px rgb(227, 235,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 76.3823, 81.7457, 90.3500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 235, 235) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(227,  
235, 235) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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