

Converting Colors

XYZ(76.2374, 81.7965, 90.4728)

Have a look what the booklet for
XYZ(76.2374, 81.7965, 90.4728)
contains.

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Color

**XYZ(76.0678, 81.5836,
90.3353)**

Conversions

Conversions Part 1

Format	Color
Hex	E2EBEB
RGB	226, 235, 235
RGB Percent	89%, 92%, 92%
CMY	0.1137, 0.0784, 0.0784
CMYK	0.04, 0.00, 0.00, 0.08
HSL	180°, 18%, 90%
HSV	180°, 4%, 92%
XYZ	76.0678, 81.5836, 90.3353
YIQ	232.3090, -5.3640, -1.9080

Conversions

Conversions Part 2

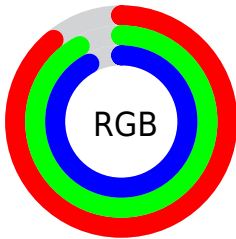
Format	Color
R_{YB}	226, 231, 235
Decimal	14871531
CIE _{Lab}	92.39, -2.98, -1.05
CIE _{LCh}	92, 3.160, 199.389
Yxy	81.5836, 0.3067, 0.3290
Android (android.graphics.Color)	4293061611 (0xFFE2EBEB)
YUV	232.3090, 1.3267, -5.5330
Hunter-Lab	90.3236, -7.7391, 3.9289

Details

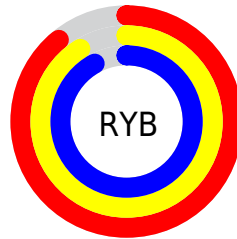
The XYZ color **76.0678, 81.5836, 90.3353** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.1878, 77.5481, 82.9610**, and the grayscale version is **76.9284, 80.9347, 88.1379**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.0514, 44.1528, 49.0065** is the 20% darker color. If you saturate the color by 10%, you get **69.1971, 78.0441, 90.0080**, and if you desaturate by 10%, it is **83.9532, 85.6508, 90.7134**.

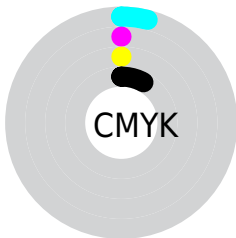
Distribution



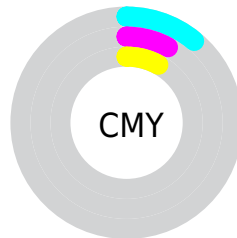
- Red (89%)
- Green (92%)
- Blue (92%)



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



- Cyan (4%)
- Magenta (0%)
- Yellow (0%)
- Black (8%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.0678, 81.5836, 90.3353 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 76.0678, 81.5836, 90.3353 by changing the saturation by 10% instead.

■ 76.0678, 81.5836,
90.3353

■ 76.0678, 81.5836,
90.3353

470.5206,
500.2538, 549.7192

■ 56.7854, 61.0224,
67.6835

126.8026,
135.5899, 149.7436

■ 41.0724, 44.2432,
49.1752

158.9856,
169.8038, 187.3373

■ 28.5636, 30.8618,
34.3919

196.1996,
209.3373, 230.7485

■ 18.8935, 20.4936,
22.9150

238.8098,
254.5749, 280.3961

■ 11.6969, 12.7544,
14.3261

287.1817,
305.9010, 336.6984

■ 6.6084, 7.2596,
8.2065

341.6805,

■ 3.2626, 3.6250,

363.6999, 400.0739

4.1377

402.6717,
428.3560, 470.9414

■ 1.2941, 1.4661,
1.7012

■ 0.1788, 0.2647,
0.3615

■ 76.0678, 81.5836,
90.3353

■ 76.0678, 81.5836,
90.3353

■ 69.1971, 78.0441,
90.0080

■ 83.9532, 85.6508,
90.7134

■ 63.2933, 75.0007,
89.7244

■ 85.9484, 86.6792,
90.8142

■ 58.3150, 72.4345,
89.4840

■ 85.9498, 86.6797,
90.8216

■ 54.2155, 70.3213,
89.2847

■ 85.9512, 86.6803,
90.8291

50.9437, 68.6347,
89.1242

85.9526, 86.6809,
90.8365

48.4432, 67.3459,
88.9998

85.9540, 86.6814,
90.8440

46.6509, 66.4220,
88.9086

85.9554, 86.6820,
90.8515

45.4934, 65.8255,
88.8470

85.9569, 86.6826,
90.8589

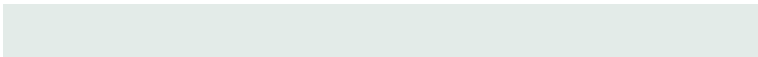
44.8817, 65.5103,
88.8110

85.9583, 86.6831,
90.8664

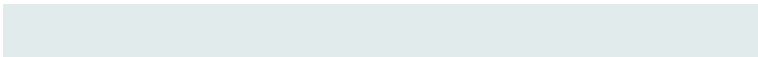
Harmonies

Analogous

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



76.0063, 81.5836, 88.0034



76.0678, 81.5836, 90.3353



76.5229, 81.5836, 92.2962

Triad

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



76.0678, 81.5836, 90.3353



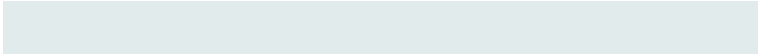
78.7436, 81.5836, 91.7967



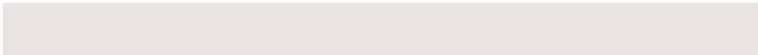
77.8329, 81.5836, 84.4741

Complementary

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



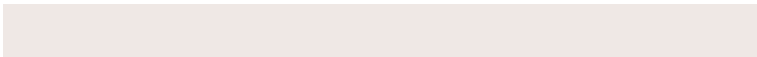
76.0678, 81.5836, 90.3353



75.1878, 77.5481, 82.9610

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.



78.5716, 81.5836, 85.4530



76.0678, 81.5836, 90.3353



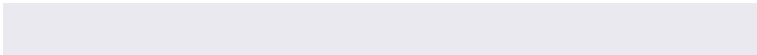
79.0998, 81.5836, 89.6631

Square

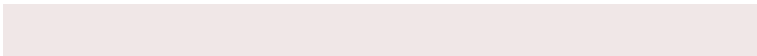
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



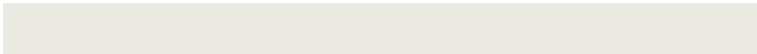
76.0678, 81.5836, 90.3353



78.0664, 81.5836, 93.1501



79.0367, 81.5836, 87.3428



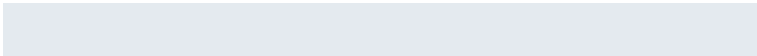
77.0215, 81.5836, 84.6469

Rectangle

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



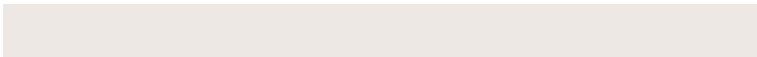
76.0678, 81.5836, 90.3353



76.9901, 81.5836, 93.1162



79.0367, 81.5836, 87.3428



78.0980, 81.5836, 84.6787

Sweetspot

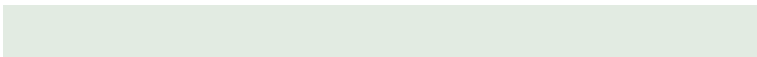
The Sweet Spot groups the original color and five complimentary colors.



76.0701, 81.5871, 90.3371



94.1179, 99.5195, 108.8555



74.8493, 81.1042, 83.6625



20.1549, 21.3063, 23.3000



0.0000, 0.0000, 0.0000



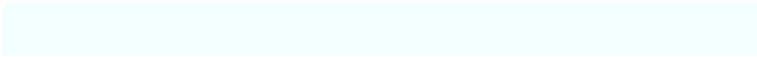
20.3446, 21.4041, 23.3091

Same Dimension

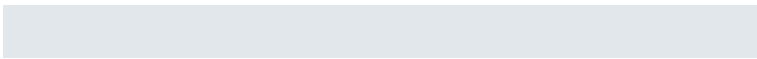
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.0701, 81.5871, 90.3371



90.5130, 97.6612, 108.6832



74.8399, 79.1257, 89.9297



16.0877, 17.4158, 19.4350



24.8719, 36.4032, 49.4180



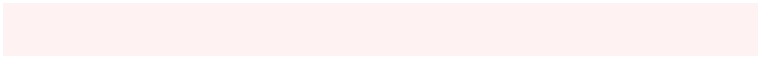
1.9531, 2.8586, 3.8810

Inverse Universe

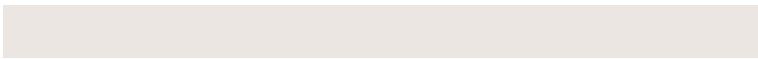
The Inverse Universe completely reimagines the original color for something new.



75.1878, 77.5481, 82.9610



89.1320, 91.3393, 97.1381



76.3858, 79.9448, 83.3577



15.8097, 16.1428, 17.1102



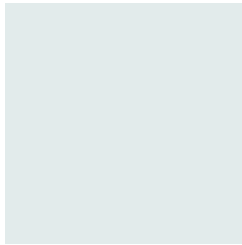
19.0682, 9.8300, 0.8945



1.4974, 0.7719, 0.0707

Previews

White Background



This preview shows how the XYZ color 76.0678, 81.5836, 90.3353 looks on a white background.

Color Contrast Check

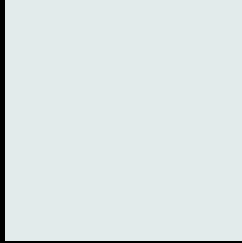
Large Text (above 18pt) WCAG AA × Fail

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 76.0678, 81.5836, 90.3353 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

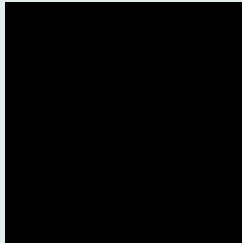
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

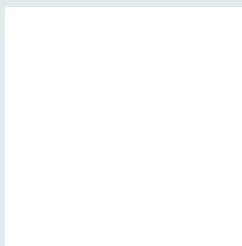
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.0678, 81.5836, 90.3353

Background



This preview shows how black text looks on a background with the XYZ color 76.0678, 81.5836, 90.3353.



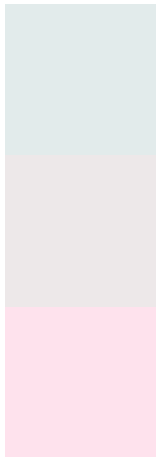
This preview shows how white text looks on a background with the XYZ color 76.0678, 81.5836,

90.3353.

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

76.0678, 81.5836, 90.3353

Protanopia

78.4896, 81.6009, 88.7045

Deuteranopia

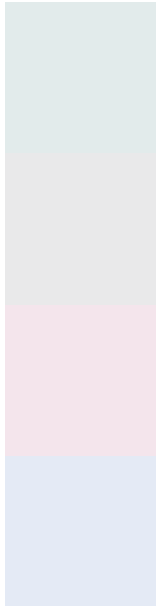
83.3555, 81.5780, 91.4736



Tritanopia

78.8646, 81.9009, 102.9186

Trichromacy



Original Color

76.0678, 81.5836, 90.3353

Protanomaly

77.5945, 81.5420, 89.4914

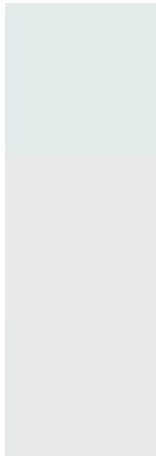
Deuteranomaly

80.4679, 81.3278, 90.8136

Tritanomaly

77.8992, 81.9322, 98.0950

Monochromacy



Original Color

76.0678, 81.5836, 90.3353

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

76.4800, 80.9840, 88.6913

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.0678, 81.5836, 90.3353 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(226, 235, 235) looks like.

```
.text, #text, p{  
    color:rgb(226, 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(226, 235, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 235, 235) }
```

Border

The CSS property to change the border of an element to XYZ 76.0678, 81.5836, 90.3353 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(226, 235, 235) }
```


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

```
.border{ border-color:rgb(226, 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(226, 235, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 235, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 235, 235);  
box-shadow:4px 4px 4px 4px rgb(226, 235,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 76.0678, 81.5836, 90.3353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 235, 235) }
```

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

```
.background{ background-color: rgb(226,  
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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