

Converting Colors

XYZ(76.7076, 83.3468, 91.6077)

Have a look what the booklet for
XYZ(76.7076, 83.3468, 91.6077)
contains.

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Color

**XYZ(76.4553, 83.0525,
91.3580)**

Conversions

Conversions Part 1

Format	Color
Hex	E0EEEC
RGB	224, 238, 236
RGB Percent	88%, 93%, 93%
CMY	0.1216, 0.0666, 0.0745
CMYK	0.06, 0.00, 0.01, 0.07
HSL	171°, 29%, 91%
HSV	171°, 6%, 93%
XYZ	76.4553, 83.0525, 91.3580
YIQ	233.5860, -7.7020, -3.5900

Conversions

Conversions Part 2

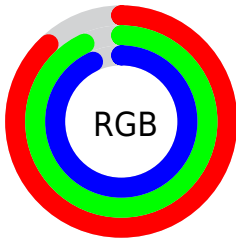
Format	Color
R_{YB}	224, 232, 238
Decimal	14741228
CIE _{Lab}	93.04, -4.98, -0.64
CIE _{LCh}	93, 5.023, 187.330
Yxy	83.0525, 0.3048, 0.3311
Android (android.graphics.Color)	4292931308 (0xFFE0EEEC)
YUV	233.5860, 1.1901, -8.4069
Hunter-Lab	91.1331, -9.7321, 4.3569

Details

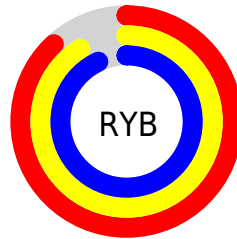
The XYZ color **76.4553, 83.0525, 91.3580** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.6460, 76.9816, 82.8273**, and the grayscale version is **77.8913, 81.9477, 89.2410**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.3284, 45.1862, 49.7236** is the 20% darker color. If you saturate the color by 10%, you get **69.0996, 79.3194, 88.4569**, and if you desaturate by 10%, it is **84.8576, 87.3287, 94.3608**.

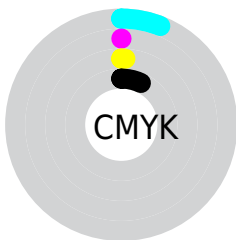
Distribution



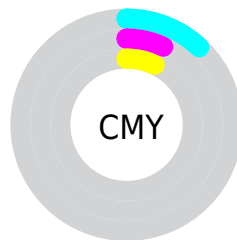
- Red (88%)
- Green (93%)
- Blue (93%)



- Red (88%)
- Yellow (91%)
- Blue (93%)



- Cyan (6%)
- Magenta (0%)
- Yellow (1%)
- Black (7%)



- Cyan (12%)
- Magenta (7%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.4553, 83.0525, 91.3580 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 76.4553, 83.0525, 91.3580 by changing the saturation by 10% instead.

76.4553, 83.0525,
91.3580

76.4553, 83.0525,
91.3580

471.8253,
505.1615, 553.1222

57.1043, 62.2335,
68.5275

127.3472,
137.6490, 151.1752

41.3294, 45.2214,
49.8576

159.6189,
172.1952, 188.9990

28.7654, 31.6318,
34.9299

196.9281,
212.0860, 232.6577

19.0468, 21.0804,
23.3257

239.6402,
257.7057, 282.5697

11.8083, 13.1828,
14.6267

288.1207,
309.4387, 339.1536

6.6846, 7.5546,
8.4141

342.7348,

3.3102, 3.8113,

367.6694, 402.8280

4.2695

403.8479,
432.7822, 474.0113

■ 1.3198, 1.5686,
1.7743

■ 0.1980, 0.3363,
0.4109

■ 76.4553, 83.0525,
91.3580

■ 76.4553, 83.0525,
91.3580

■ 69.0996, 79.3194,
88.4569

■ 84.8576, 87.3287,
94.3608

■ 62.7408, 76.0969,
85.6497

■ 87.9655, 88.8720,
97.1636

■ 57.3356, 73.3649,
82.9359

■ 88.4842, 89.0795,
99.8950

■ 52.8347, 71.0980,
80.3128

■ 89.0125, 89.2908,
102.6770

■ 49.1844, 69.2685,
77.7777

■ 89.5504, 89.5060,
105.5096

■ 46.3254, 67.8459,
75.3275

■ 89.8661, 89.6322,
107.1720

■ 44.1905, 66.7955,
72.9589

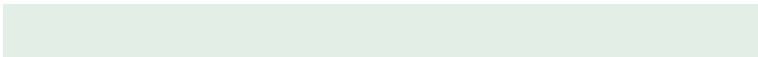
■ 42.7012, 66.0770,
70.6677

■ 41.7607, 65.6402,
68.4493

Harmonies

Analogous

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



76.6266, 83.0525, 87.6652



76.4553, 83.0525, 91.3580



76.9436, 83.0525, 94.8969

Triad

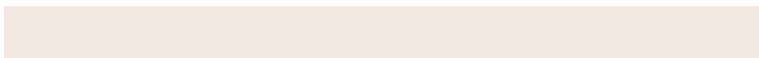
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.4553, 83.0525, 91.3580



80.4836, 83.0525, 96.3166



79.9183, 83.0525, 83.9055

Complementary

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



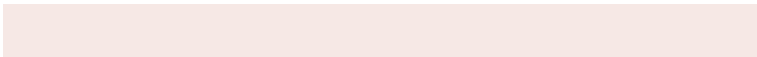
76.4553, 83.0525, 91.3580



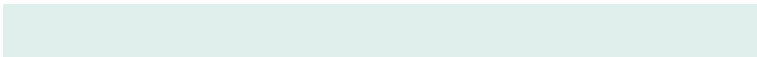
75.6460, 76.9816, 82.8273

Split Complementary

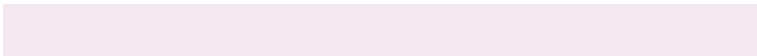
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.9684, 83.0525, 86.1056



76.4553, 83.0525, 91.3580



81.2973, 83.0525, 93.2524

Square

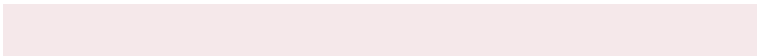
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.4553, 83.0525, 91.3580



79.2623, 83.0525, 97.8110



81.4757, 83.0525, 89.5084



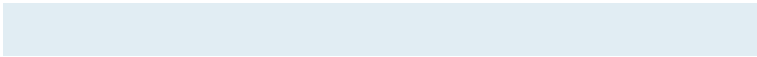
78.6164, 83.0525, 83.4301

Rectangle

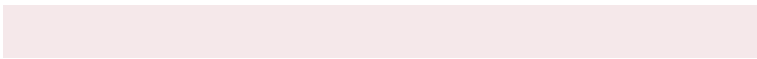
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



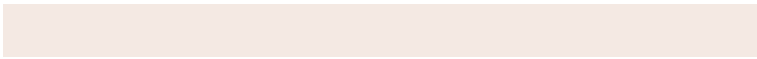
76.4553, 83.0525, 91.3580



77.5807, 83.0525, 96.6697



81.4757, 83.0525, 89.5084



80.3129, 83.0525, 84.4649

Sweetspot

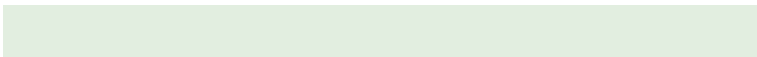
The Sweet Spot groups the original color and five complimentary colors.



76.4577, 83.0560, 91.3598



93.0812, 98.9986, 108.1957



75.4270, 82.7194, 82.5132



19.9438, 21.2003, 23.1658



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

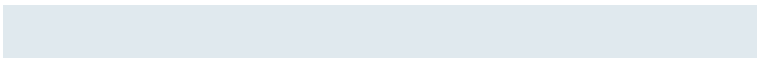
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.4577, 83.0560, 91.3598



88.3766, 96.6069, 106.4554



75.3428, 80.3577, 92.4327



16.4600, 18.0481, 19.9050



23.1715, 36.5606, 37.8815



1.9540, 3.0521, 3.2903

Inverse Universe

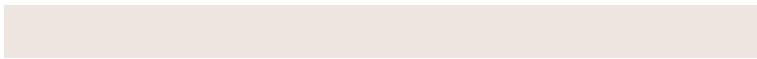
The Inverse Universe completely reimagines the original color for something new.



75.6460, 76.9816, 82.8273



87.2519, 88.1890, 94.6313



76.7090, 79.5449, 81.8329



16.2335, 16.3525, 17.5233



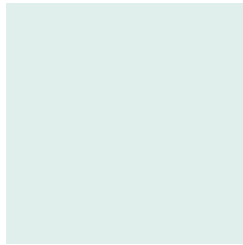
19.8610, 10.2168, 1.9185



1.6805, 0.8612, 0.3082

Previews

White Background



This preview shows how the XYZ color 76.4553, 83.0525, 91.3580 looks on a white background.

Color Contrast Check

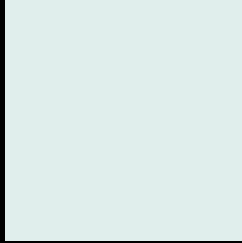
Large Text (above 18pt) WCAG AA × Fail

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 76.4553, 83.0525, 91.3580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

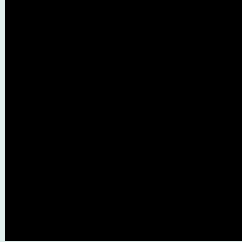
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

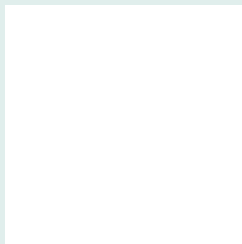
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.4553, 83.0525, 91.3580

Background



This preview shows how black text looks on a background with the XYZ color 76.4553, 83.0525, 91.3580.



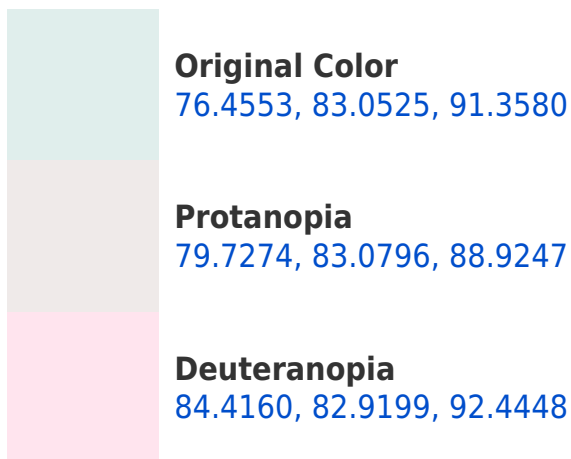
This preview shows how white text looks on a background with the XYZ color 76.4553, 83.0525,

91.3580.

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

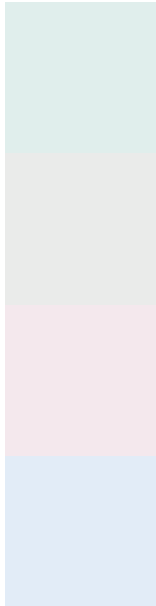




Tritanopia

79.2763, 82.9033, 105.5896

Trichromacy



Original Color

76.4553, 83.0525, 91.3580

Protanomaly

78.4913, 82.8496, 89.6965

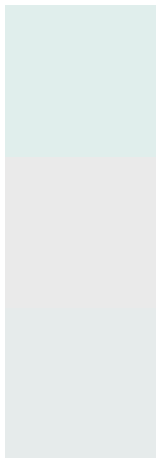
Deuteranomaly

81.4509, 83.0607, 91.8602

Tritanomaly

78.1480, 82.8751, 99.8733

Monochromacy



Original Color

76.4553, 83.0525, 91.3580

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

77.3369, 82.2378, 90.3947

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.4553, 83.0525, 91.3580 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(224, 238, 236) looks like.

```
.text, #text, p{  
    color:rgb(224, 238, 236)  
}
```

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(224, 238, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 238, 236) }
```

Border

The CSS property to change the border of an element to XYZ 76.4553, 83.0525, 91.3580 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(224, 238, 236) }
```


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

```
.border{ border-color:rgb(224, 238, 236) }
```

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

Here you see how a box with a 4 pixel rgb(224, 238, 236) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 238, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 238, 236);  
box-shadow:4px 4px 4px 4px rgb(224, 238,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 76.4553, 83.0525, 91.3580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 238, 236) }
```

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

```
.background{ background-color: rgb(224,  
238, 236) }
```

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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