

Converting Colors

XYZ(78.3580, 82.5089, 98.9857)

Have a look what the booklet for
XYZ(78.3580, 82.5089, 98.9857)
contains.

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Color

**XYZ(78.3378, 82.5645,
98.9965)**

Conversions

Conversions Part 1

Format	Color
Hex	E4EBF6
RGB	228, 235, 246
RGB Percent	89%, 92%, 96%
CMY	0.1059, 0.0784, 0.0353
CMYK	0.07, 0.04, 0.00, 0.04
HSL	217°, 50%, 93%
HSV	217°, 7%, 96%
XYZ	78.3378, 82.5645, 98.9965
YIQ	234.1610, -7.7030, 1.9370

Conversions

Conversions Part 2

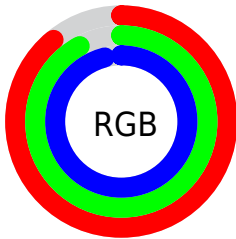
Format	Color
R _Y B	228, 233, 246
Decimal	15002614
CIE Lab	92.82, -0.27, -6.13
CIE LCh	93, 6.133, 267.442
Yxy	82.5645, 0.3014, 0.3177
Android (android.graphics.Color)	4293192694 (0xFFE4EBF6)
YUV	234.1610, 5.8366, -5.4032
Hunter-Lab	90.8650, -5.1229, -0.9903

Details

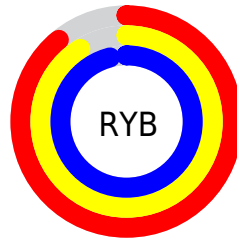
The XYZ color **78.3378, 82.5645, 98.9965** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.8764, 86.9265, 85.8106**, and the grayscale version is **78.2921, 82.3693, 89.7002**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.6479, 44.8421, 55.1228** is the 20% darker color. If you saturate the color by 10%, you get **66.9601, 70.5813, 97.2844**, and if you desaturate by 10%, it is **91.1942, 95.8542, 100.8853**.

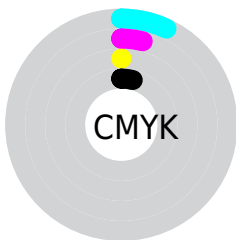
Distribution



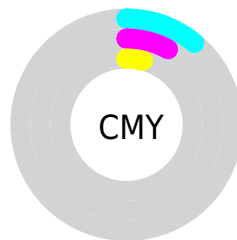
- Red (89%)
- Green (92%)
- Blue (96%)



- Red (89%)
- Yellow (91%)
- Blue (96%)



- Cyan (7%)
- Magenta (4%)
- Yellow (0%)
- Black (4%)



- Cyan (11%)
- Magenta (8%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.3378, 82.5645, 98.9965 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 78.3378, 82.5645, 98.9965 by changing the saturation by 10% instead.

■ 78.3378, 82.5645,
98.9965

■ 78.3378, 82.5645,
98.9965

478.1356,
503.5340, 578.1897

■ 58.6553, 61.8309,
74.8505

129.9891,
136.9653, 161.8173

■ 42.5810, 44.8961,
54.9895

162.6885,
171.4014, 201.3292

■ 29.7496, 31.3756,
38.9947

200.4576,
211.1738, 246.8002

■ 19.7957, 20.8850,
26.4478

243.6617,
256.6669, 298.6487

■ 12.3540, 13.0400,
16.9302

292.6662,
308.2650, 357.2934

■ 7.0592, 7.4561,
10.0233

347.8364,

■ 3.5458, 3.7489,

366.3527, 423.1528

5.3086

409.5378,
431.3142, 496.6454

■ 1.4485, 1.5341,
2.3676

■ 0.2904, 0.3126,
0.7687

■ 78.3378, 82.5645,
98.9965

■ 78.3378, 82.5645,
98.9965

■ 66.9601, 70.5813,
97.2844

■ 91.1942, 95.8542,
100.8853

■ 56.9984, 59.8521,
95.7385

■ 93.6348, 99.4339,
101.4477

■ 48.3958, 50.3361,
94.3552

■ 41.0886, 41.9861,
93.1286

■ 35.0078, 34.7515,
92.0527

■ 30.0772, 28.5773,
91.1208

■ 26.2115, 23.4028,
90.3258

■ 23.3114, 19.1593,
89.6595

■ 21.2506, 15.7629,
89.1126

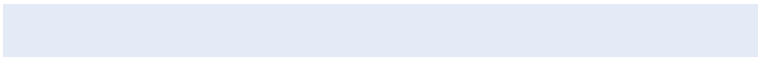
Harmonies

Analogous

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



76.8302, 82.5645, 97.5357



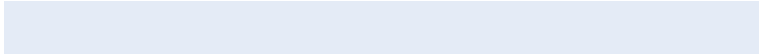
78.3378, 82.5645, 98.9965



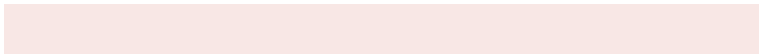
79.9023, 82.5645, 97.9517

Triad

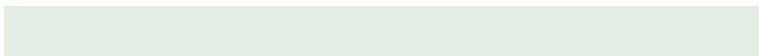
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.3378, 82.5645, 98.9965



81.2388, 82.5645, 85.8968



75.9091, 82.5645, 85.2375

Complementary

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



78.3378, 82.5645, 98.9965



82.8764, 86.9265, 85.8106

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.



77.0650, 82.5645, 82.2996



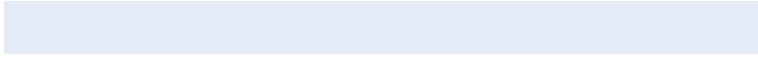
78.3378, 82.5645, 98.9965



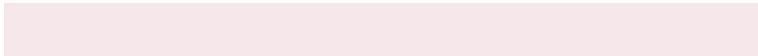
80.1433, 82.5645, 82.6711

Square

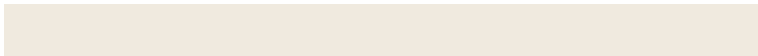
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.3378, 82.5645, 98.9965



81.5906, 82.5645, 90.2927



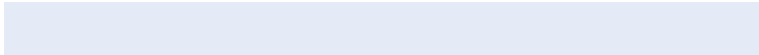
78.6125, 82.5645, 81.3761



75.4399, 82.5645, 89.5059

Rectangle

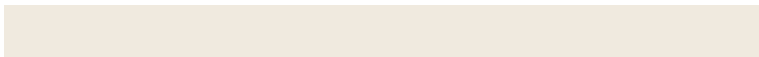
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



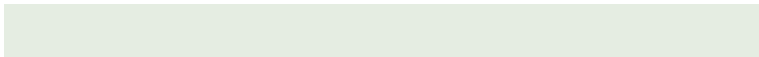
78.3378, 82.5645, 98.9965



80.7644, 82.5645, 95.9939



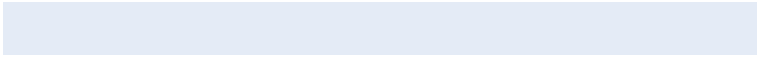
78.6125, 82.5645, 81.3761



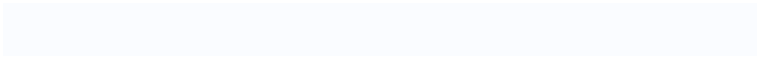
76.2294, 82.5645, 84.0671

Sweetspot

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



78.3402, 82.5680, 98.9983



92.2126, 97.0737, 108.4847



80.5025, 88.6271, 94.3717



19.7671, 20.8085, 23.2246



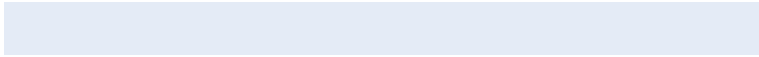
0.0000, 0.0000, 0.0000



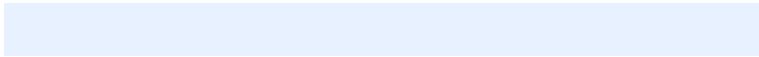
20.3446, 21.4041, 23.3091

Same Dimension

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



78.3402, 82.5680, 98.9983



82.7942, 87.2827, 107.0913



76.9483, 78.9320, 98.3699



16.1099, 16.9841, 20.9718



11.2241, 8.2420, 47.5373



1.0832, 0.9178, 4.2103

Inverse Universe

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



80.7467, 81.0794, 89.9955



85.9848, 85.3510, 95.1457



84.3383, 90.7832, 86.4780



16.7661, 16.5893, 18.5147



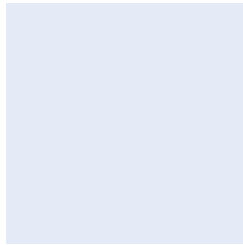
21.4699, 10.9314, 7.1830



1.9358, 0.9803, 0.8884

Previews

White Background



This preview shows how the XYZ color 78.3378, 82.5645, 98.9965 looks on a white background.

Color Contrast Check

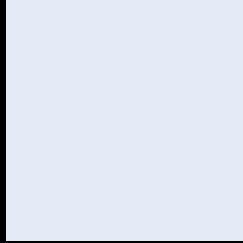
Large Text (above 18pt) WCAG AA × Fail

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 78.3378, 82.5645, 98.9965 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

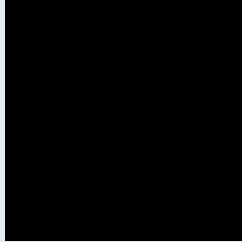
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

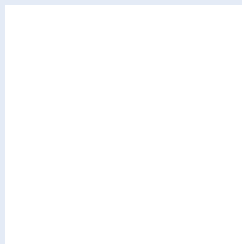
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.3378, 82.5645, 98.9965

Background



This preview shows how black text looks on a background with the XYZ color 78.3378, 82.5645, 98.9965.



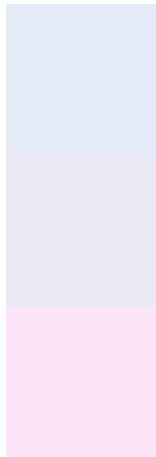
This preview shows how white text looks on a background with the XYZ color 78.3378, 82.5645,

98.9965.

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

78.3378, 82.5645, 98.9965

Protanopia

79.8813, 82.5326, 98.1064

Deuteranopia

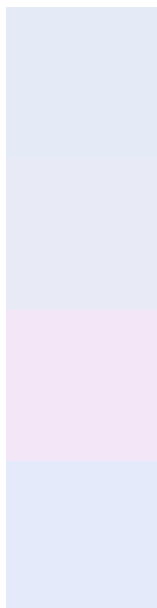
84.1960, 82.2247, 100.2403



Tritanopia

79.3066, 82.5319, 103.8458

Trichromacy



Original Color

78.3378, 82.5645, 98.9965

Protanomaly

79.1830, 82.5940, 98.1551

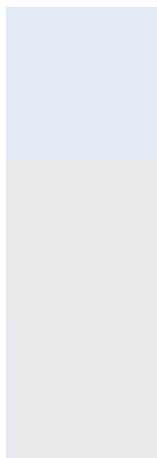
Deuteranomaly

82.0475, 82.3637, 99.5691

Tritanomaly

78.9912, 82.4058, 102.1851

Monochromacy



Original Color

78.3378, 82.5645, 98.9965

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

78.1341, 82.1745, 92.6321

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.3378, 82.5645, 98.9965 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(228, 235, 246) looks like.

```
.text, #text, p{  
    color:rgb(228, 235, 246)  
}
```

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(228, 235, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 235, 246) }
```

Border

The CSS property to change the border of an element to XYZ 78.3378, 82.5645, 98.9965 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(228, 235, 246) }
```


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

```
.border{ border-color:rgb(228, 235, 246) }
```

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

Here you see how a box with a 4 pixel rgb(228, 235, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 235, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 235, 246);  
box-shadow:4px 4px 4px 4px rgb(228, 235,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 78.3378, 82.5645, 98.9965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 235, 246) }
```

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

```
.background{ background-color: rgb(228,  
235, 246) }
```

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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