

Converting Colors

XYZ(78.5176, 82.7188, 98.1732)

Have a look what the booklet for
XYZ(78.5176, 82.7188, 98.1732)
contains.

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Color

**XYZ(78.5029, 82.6672,
98.2050)**

Conversions

Conversions Part 1

Format	Color
Hex	E5EBF5
RGB	229, 235, 245
RGB Percent	90%, 92%, 96%
CMY	0.1020, 0.0784, 0.0392
CMYK	0.07, 0.04, 0.00, 0.04
HSL	217°, 44%, 93%
HSV	217°, 7%, 96%
XYZ	78.5029, 82.6672, 98.2050
YIQ	234.3460, -6.7860, 1.8380

Conversions

Conversions Part 2

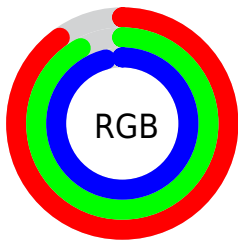
Format	Color
R _Y B	229, 233, 245
Decimal	15068149
CIE Lab	92.87, -0.14, -5.53
CIE LCh	93, 5.533, 268.561
Yxy	82.6672, 0.3027, 0.3187
Android (android.graphics.Color)	4293258229 (0xFFE5EBF5)
YUV	234.3460, 5.2524, -4.6884
Hunter-Lab	90.9215, -4.9932, -0.3945

Details

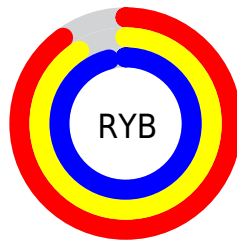
The XYZ color **78.5029, 82.6672, 98.2050** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.6660, 86.8022, 86.5279**, and the grayscale version is **78.4360, 82.5207, 89.8651**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.7610, 44.9130, 54.5594** is the 20% darker color. If you saturate the color by 10%, you get **67.0353, 70.5289, 96.4678**, and if you desaturate by 10%, it is **91.4557, 96.1355, 100.1232**.

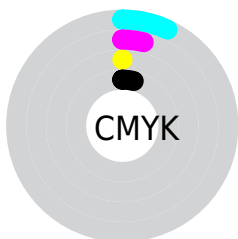
Distribution



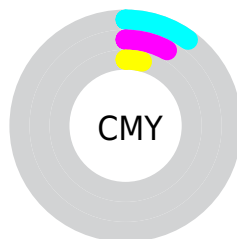
- Red (90%)
- Green (92%)
- Blue (96%)



- Red (90%)
- Yellow (91%)
- Blue (96%)



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



- Cyan (10%)
- Magenta (8%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.5029, 82.6672, 98.2050 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 78.5029, 82.6672, 98.2050 by changing the saturation by 10% instead.

■ 78.5029, 82.6672,
98.2050

■ 78.5029, 82.6672,
98.2050

478.6868,
503.8767, 575.6197

■ 58.7914, 61.9156,
74.1938

130.2204,
137.1093, 160.7185

■ 42.6909, 44.9645,
54.4549

162.9572,
171.5685, 200.0580

■ 29.8362, 31.4295,
38.5698

200.7664,
211.3658, 245.3439

■ 19.8617, 20.9261,
26.1200

244.0134,
256.8856, 296.9948

■ 12.4022, 13.0700,
16.6869

293.0636,
308.5122, 355.4293

■ 7.0924, 7.4768,
9.8519

348.2823,

■ 3.5668, 3.7620,

366.6299, 421.0660

5.1965

410.0349,
431.6233, 494.3232

■ 1.4601, 1.5413,
2.3023

■ 0.2984, 0.3176,
0.7325

■ 78.5029, 82.6672,
98.2050

■ 78.5029, 82.6672,
98.2050

■ 67.0353, 70.5289,
96.4678

■ 91.4557, 96.1355,
100.1232

■ 56.9902, 59.6676,
94.9007

■ 93.4817, 99.3727,
100.6413

■ 48.3111, 50.0417,
93.5002

■ 40.9346, 41.6033,
92.2602

■ 34.7920, 34.3011,
91.1745

■ 29.8079, 28.0795,
90.2363

■ 25.8976, 22.8772,
89.4382

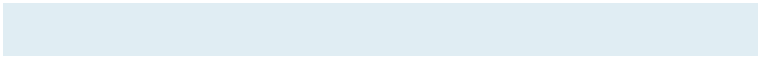
■ 22.9634, 18.6249,
88.7721

■ 20.8847, 15.2408,
88.2285

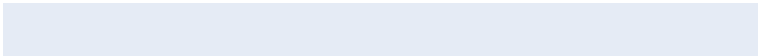
Harmonies

Analogous

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



77.1318, 82.6672, 96.9743



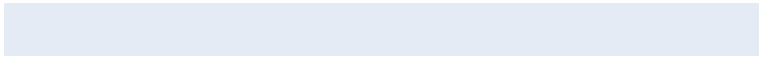
78.5029, 82.6672, 98.2050



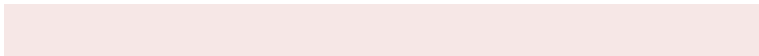
79.9090, 82.6672, 97.1846

Triad

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



78.5029, 82.6672, 98.2050



81.0393, 82.6672, 86.2582



76.2251, 82.6672, 85.9221

Complementary

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



78.5029, 82.6672, 98.2050



82.6660, 86.8022, 86.5279

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.



77.2513, 82.6672, 83.1985



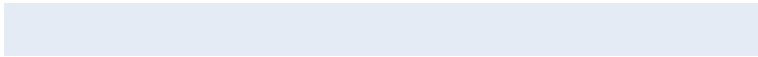
78.5029, 82.6672, 98.2050



80.0314, 82.6672, 83.3883

Square

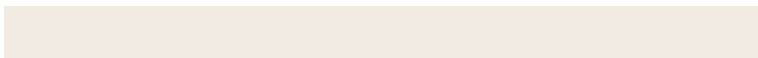
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.5029, 82.6672, 98.2050



81.3842, 82.6672, 90.2106



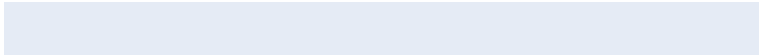
78.6425, 82.6672, 82.2851



75.8267, 82.6672, 89.8107

Rectangle

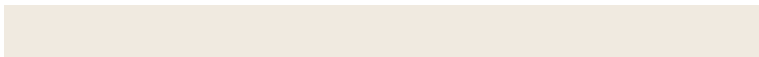
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.5029, 82.6672, 98.2050



80.6748, 82.6672, 95.3822



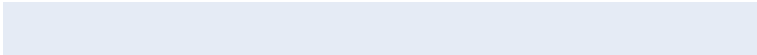
78.6425, 82.6672, 82.2851



76.5074, 82.6672, 84.8444

Sweetspot

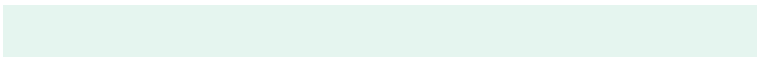
The Sweet Spot groups the original color and five complimentary colors.



78.5053, 82.6707, 98.2068



92.1904, 97.0293, 108.4773



80.5272, 88.1884, 94.3373



19.7625, 20.7995, 23.2231



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.



78.5053, 82.6707, 98.2068



84.0069, 88.4698, 107.2565



77.4142, 79.5996, 97.6715



16.0906, 16.9454, 20.9653



11.0593, 7.9124, 47.4824



1.0674, 0.8862, 4.2050

Inverse Universe

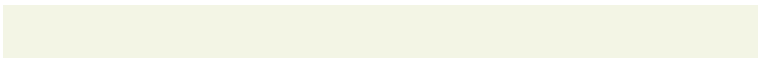
The Inverse Universe completely reimagines the original color for something new.



80.6728, 81.4510, 90.0709



86.8992, 86.8740, 96.3930



83.8048, 90.0417, 87.0931



16.7563, 16.5854, 18.4632



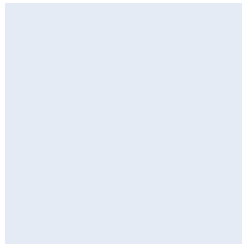
21.3868, 10.8981, 6.7450



1.9278, 0.9771, 0.8463

Previews

White Background



This preview shows how the XYZ color 78.5029, 82.6672, 98.2050 looks on a white background.

Color Contrast Check

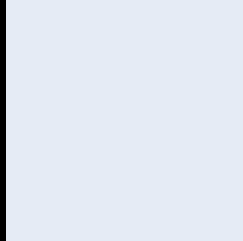
Large Text (above 18pt) WCAG AA × Fail

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 78.5029, 82.6672, 98.2050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

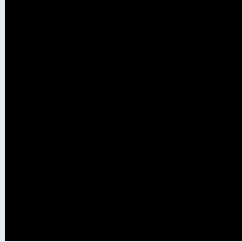
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

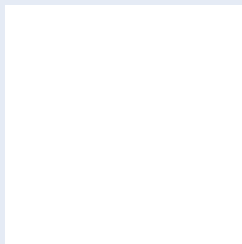
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.5029, 82.6672, 98.2050

Background



This preview shows how black text looks on a background with the XYZ color 78.5029, 82.6672, 98.2050.



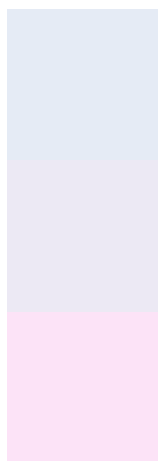
This preview shows how white text looks on a background with the XYZ color 78.5029, 82.6672,

98.2050.

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

78.5029, 82.6672, 98.2050

Protanopia

80.0601, 82.6423, 97.3199

Deuteranopia

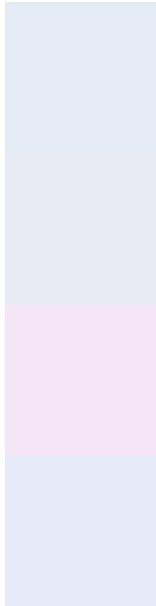
84.4025, 82.3490, 99.4421



Tritanopia

79.6266, 82.6969, 103.8608

Trichromacy



Original Color

78.5029, 82.6672, 98.2050

Protanomaly

79.3562, 82.7009, 97.3683

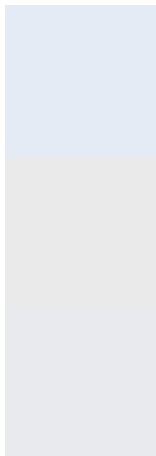
Deuteranomaly

82.2396, 82.4805, 98.7746

Tritanomaly

79.1548, 82.5082, 101.3763

Monochromacy



Original Color

78.5029, 82.6672, 98.2050

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 78.5029, 82.6672, 98.2050 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(229, 235, 245) looks like.

```
.text, #text, p{  
    color:rgb(229, 235, 245)  
}
```

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(229, 235, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 235, 245) }
```

Border

The CSS property to change the border of an element to XYZ 78.5029, 82.6672, 98.2050 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(229, 235, 245) }
```


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

```
.border{ border-color:rgb(229, 235, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 235, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 235, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 235, 245);  
box-shadow:4px 4px 4px 4px rgb(229, 235,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 78.5029, 82.6672, 98.2050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 235, 245) }
```

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

```
.background{ background-color: rgb(229,  
235, 245) }
```

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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