

Converting Colors

XYZ(77.6567, 79.2964, 98.4016)

Have a look what the booklet for
XYZ(77.6567, 79.2964, 98.4016)
contains.

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Color

**XYZ(77.6567, 79.2964,
98.4016)**

Conversions

Conversions Part 1

Format	Color
Hex	E8E4F6
RGB	232, 228, 246
RGB Percent	91%, 89%, 96%
CMY	0.0902, 0.1059, 0.0353
CMYK	0.06, 0.07, 0.00, 0.04
HSL	253°, 50%, 93%
HSV	253°, 7%, 96%
XYZ	77.6567, 79.2964, 98.4016
YIQ	231.2480, -3.3940, 6.4460

Conversions

Conversions Part 2

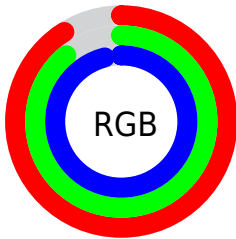
Format	Color
R _Y B	232, 228, 246
Decimal	15262966
CIE Lab	91.37, 4.64, -8.25
CIE LCh	91, 9.461, 299.343
Yxy	79.2964, 0.3041, 0.3105
Android (android.graphics.Color)	4293453046 (0xFFE8E4F6)
YUV	231.2480, 7.2727, 0.6595
Hunter-Lab	89.0485, -0.1701, -3.1835

Details

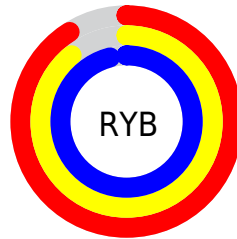
The XYZ color **77.6567, 79.2964, 98.4016** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.5801, 90.3923, 86.4449**, and the grayscale version is **76.0916, 80.0543, 87.1791**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.1423, 42.8350, 54.7620** is the 20% darker color. If you saturate the color by 10%, you get **65.4880, 63.6834, 96.0306**, and if you desaturate by 10%, it is **91.4693, 97.1906, 101.1287**.

Distribution



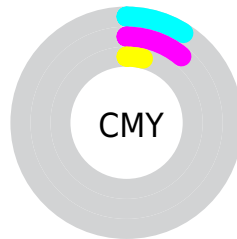
- Red (91%)
- Green (89%)
- Blue (96%)



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



- Cyan (6%)
- Magenta (7%)
- Yellow (0%)
- Black (4%)



- Cyan (9%)
- Magenta (11%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.6567, 79.2964, 98.4016 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 77.6567, 79.2964, 98.4016 by changing the saturation by 10% instead.

■ 77.6567, 79.2964,
98.4016

■ 77.6567, 79.2964,
98.4016

475.8578,
492.5585, 576.2586

■ 58.0938, 59.1395,
74.3569

129.0340,
132.3761, 160.9915

■ 42.1276, 42.7255,
54.5876

161.5791,
166.0676, 200.3739

■ 29.3928, 29.6698,
38.6753

199.1824,
205.0396, 245.7058

■ 19.5239, 19.5881,
26.2013

242.2091,
249.6763, 297.4059

■ 12.1557, 12.0960,
16.7472

291.0246,
300.3621, 355.8927

■ 6.9228, 6.8091,
9.8944

345.9944,

■ 3.4597, 3.3430,

357.4815, 421.5847

5.2243

407.4836,
421.4188, 494.9005

■ 1.4013, 1.3133,
2.3184

■ 0.2571, 0.1515,
0.7415

■ 77.6567, 79.2964,
98.4016

■ 77.6567, 79.2964,
98.4016

■ 65.4880, 63.6834,
96.0306

■ 91.4693, 97.1906,
101.1287

■ 54.8944, 50.2494,
93.9959

■ 93.6348, 99.4339,
101.4476

■ 45.8119, 38.8996,
92.2838

■ 38.1700, 29.5279,
90.8777

■ 31.8920, 22.0189,
89.7592

■ 26.8937, 16.2451,
88.9082

■ 23.0813, 12.0625,
88.3018

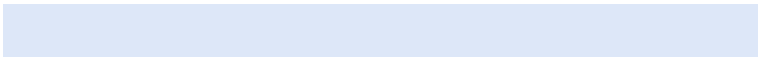
■ 20.3469, 9.3029,
87.9133

■ 18.5562, 7.7508,
87.7081

Harmonies

Analogous

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



75.3158, 79.2964, 100.2654



77.6567, 79.2964, 98.4016



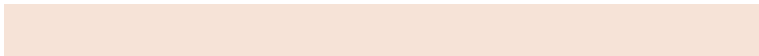
79.4154, 79.2964, 93.2678

Triad

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



77.6567, 79.2964, 98.4016



77.7504, 79.2964, 75.4459



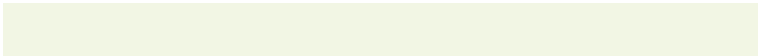
70.8407, 79.2964, 86.1885

Complementary

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



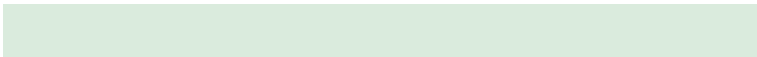
77.6567, 79.2964, 98.4016



83.5801, 90.3923, 86.4449

Split Complementary

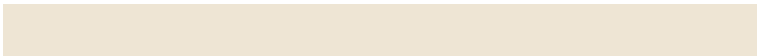
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.4621, 79.2964, 79.7646



77.6567, 79.2964, 98.4016



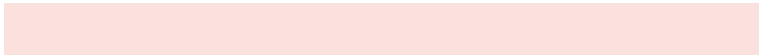
75.4219, 79.2964, 73.7682

Square

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



77.6567, 79.2964, 98.4016



79.4704, 79.2964, 80.0144



73.1264, 79.2964, 75.3072



71.4109, 79.2964, 92.9912

Rectangle

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



77.6567, 79.2964, 98.4016



80.0033, 79.2964, 88.8116



73.1264, 79.2964, 75.3072



70.9169, 79.2964, 83.9152

Sweetspot

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



77.6590, 79.2998, 98.4033



92.0000, 96.0444, 108.2972



80.4140, 86.7140, 99.6892



19.7238, 20.5989, 23.1864



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.



77.6590, 79.2998, 98.4033



81.8948, 82.9912, 106.3103



80.6220, 80.8273, 98.5420



15.9253, 16.1041, 20.8116



9.8070, 4.0300, 46.7990



0.9467, 0.3979, 4.1171

Inverse Universe

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



81.7792, 81.4939, 95.4278



87.3508, 85.8974, 102.3388



80.5989, 88.8554, 86.3054



17.0469, 16.7016, 19.9934



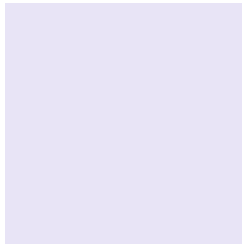
25.3822, 12.4963, 27.7848



2.2687, 1.1135, 2.6415

Previews

White Background



This preview shows how the XYZ color 77.6567, 79.2964, 98.4016 looks on a white background.

Color Contrast Check

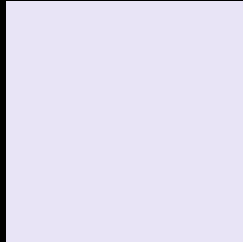
Large Text (above 18pt) WCAG AA × Fail

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 77.6567, 79.2964, 98.4016 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

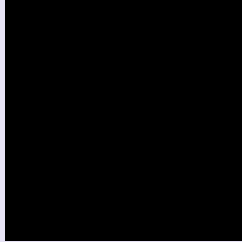
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.6567, 79.2964, 98.4016

Background



This preview shows how black text looks on a background with the XYZ color 77.6567, 79.2964, 98.4016.



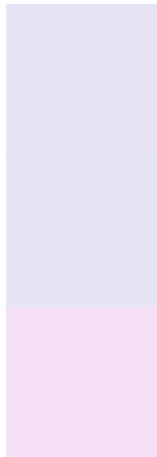
This preview shows how white text looks on a background with the XYZ color 77.6567, 79.2964,

98.4016.

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

77.6567, 79.2964, 98.4016

Protanopia

77.2870, 79.5154, 98.4633

Deuteranopia

81.1003, 79.4392, 99.0545



Tritanopia

77.6567, 79.2964, 98.4016

Trichromacy



Original Color

77.6567, 79.2964, 98.4016

Protanomaly

77.6089, 79.6814, 98.4784

Deuteranomaly

79.6489, 79.0911, 99.0638

Tritanomaly

77.6567, 79.2964, 98.4016

Monochromacy



Original Color

77.6567, 79.2964, 98.4016

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

76.3921, 79.6387, 90.7024

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.6567, 79.2964, 98.4016 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(232, 228, 246)` looks like.

```
.text, #text, p{  
    color:rgb(232, 228, 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(232, 228, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 228, 246) }
```

Border

The CSS property to change the border of an element to XYZ 77.6567, 79.2964, 98.4016 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(232, 228, 246) }
```


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

```
.border{ border-color:rgb(232, 228, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 228, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 228, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 228, 246);  
box-shadow:4px 4px 4px 4px rgb(232, 228,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 77.6567, 79.2964, 98.4016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 228, 246) }
```

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

```
.background{ background-color: rgb(232,  
228, 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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