

Converting Colors

XYZ(79.5717, 82.7288, 98.9847)

Have a look what the booklet for
XYZ(79.5717, 82.7288, 98.9847)
contains.

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Color

**XYZ(79.6616, 82.8231,
98.9766)**

Conversions

Conversions Part 1

Format	Color
Hex	E9EAF6
RGB	233, 234, 246
RGB Percent	91%, 92%, 96%
CMY	0.0863, 0.0823, 0.0353
CMYK	0.05, 0.05, 0.00, 0.04
HSL	235°, 42%, 94%
HSV	235°, 5%, 96%
XYZ	79.6616, 82.8231, 98.9766
YIQ	235.0690, -4.4480, 3.5200

Conversions

Conversions Part 2

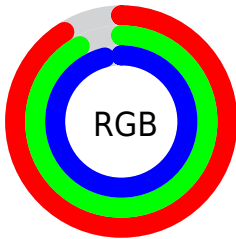
Format	Color
R _Y B	233, 234, 246
Decimal	15330038
CIE Lab	92.94, 1.86, -5.92
CIE LCh	93, 6.205, 287.473
Yxy	82.8231, 0.3047, 0.3168
Android (android.graphics.Color)	4293520118 (0xFFE9EAF6)
YUV	235.0690, 5.3890, -1.8145
Hunter-Lab	91.0072, -3.0157, -0.7769

Details

The XYZ color **79.6616, 82.8231, 98.9766** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.3665, 90.7798, 90.1150**, and the grayscale version is **78.9829, 83.0962, 90.4917**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.3461, 44.9056, 55.0983** is the 20% darker color. If you saturate the color by 10%, you get **66.1304, 66.8623, 96.6103**, and if you desaturate by 10%, it is **93.6348, 99.4339, 101.4476**.

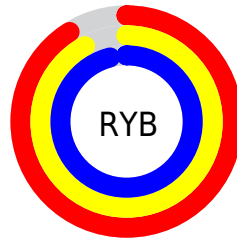
Distribution



Red (91%)

Green (92%)

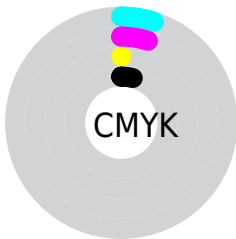
Blue (96%)



Red (91%)

Yellow (92%)

Blue (96%)

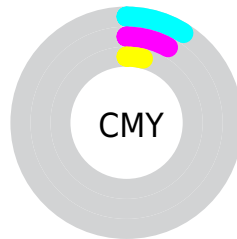


Cyan (5%)

Magenta (5%)

Yellow (0%)

Black (4%)



Cyan (9%)

Magenta (8%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.6616, 82.8231, 98.9766 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 79.6616, 82.8231, 98.9766 by changing the saturation by 10% instead.

■ 79.6616, 82.8231,
98.9766

■ 79.6616, 82.8231,
98.9766

482.5456,
504.3968, 578.1252

■ 59.7474, 62.0442,
74.8340

131.8429,
137.3277, 161.7897

■ 43.4638, 45.0684,
54.9760

164.8407,
171.8222, 201.2972

■ 30.4453, 31.5113,
38.9840

202.9305,
211.6573, 246.7636

■ 20.3266, 20.9885,
26.4396

246.4775,
257.2175, 298.6072

■ 12.7423, 13.1156,
16.9241

295.8472,
308.8872, 357.2466

■ 7.3271, 7.5082,
10.0190

351.4048,

■ 3.7156, 3.7819,

367.0507, 423.1004

5.3058

413.5159,
432.0924, 496.5870

■ 1.5425, 1.5523,
2.3659

■ 0.3545, 0.3251,
0.7678

■ 79.6616, 82.8231,
98.9766

■ 79.6616, 82.8231,
98.9766

■ 66.1304, 66.8623,
96.6103

■ 93.6348, 99.4339,
101.4476

■ 54.4670, 53.0450,
94.5580

■ 44.5916, 41.2830,
92.8082

■ 36.4154, 31.4778,
91.3466

■ 29.8424, 23.5232,
90.1576

■ 24.7668, 17.3025,
89.2244

■ 21.0700, 12.6857,
88.5281

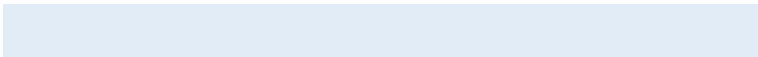
■ 18.6153, 9.5246,
88.0473

■ 17.2376, 7.6427,
87.7567

Harmonies

Analogous

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



78.0460, 82.8231, 99.1892



79.6616, 82.8231, 98.9766



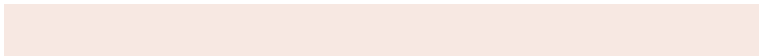
81.0431, 82.8231, 96.3572

Triad

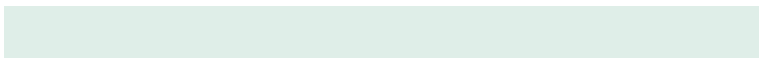
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.6616, 82.8231, 98.9766



80.8491, 82.8231, 83.7529



75.7136, 82.8231, 88.2557

Complementary

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



79.6616, 82.8231, 98.9766



85.3665, 90.7798, 90.1150

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.



76.4434, 82.8231, 84.2732



79.6616, 82.8231, 98.9766



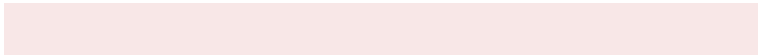
79.3997, 82.8231, 81.7341

Square

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



79.6616, 82.8231, 98.9766



81.7352, 82.8231, 87.5233



77.7876, 82.8231, 81.9212



75.7816, 82.8231, 92.8905

Rectangle

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



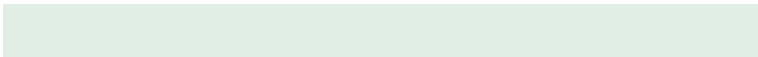
79.6616, 82.8231, 98.9766



81.6387, 82.8231, 93.6478



77.7876, 82.8231, 81.9212



75.8734, 82.8231, 86.7994

Sweetspot

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



79.6640, 82.8266, 98.9784



91.7155, 96.0795, 108.3190



83.0300, 89.8240, 99.2824



19.6658, 20.6060, 23.1908



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.



79.6640, 82.8266, 98.9784



85.3036, 88.5332, 107.2004



81.1747, 83.1823, 98.9675



16.5284, 17.1275, 20.9774



9.0410, 3.8758, 46.8096



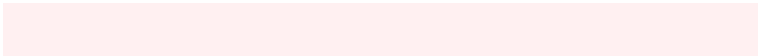
0.8295, 0.4105, 4.1257

Inverse Universe

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



81.9980, 83.8127, 89.7018



88.1713, 89.7475, 95.8022



83.7986, 90.4236, 90.1289



17.1466, 17.3898, 18.5201



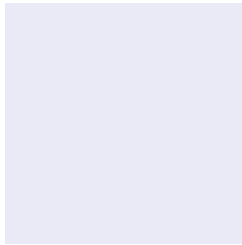
20.3680, 10.4906, 1.3803



1.8078, 0.9291, 0.2141

Previews

White Background



This preview shows how the XYZ color 79.6616, 82.8231, 98.9766 looks on a white background.

Color Contrast Check

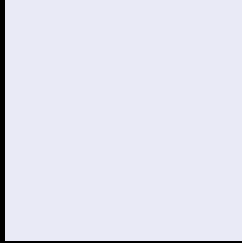
Large Text (above 18pt) WCAG AA × Fail

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 79.6616, 82.8231, 98.9766 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

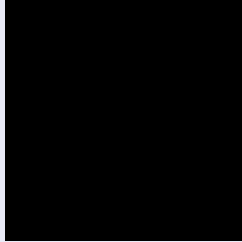
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

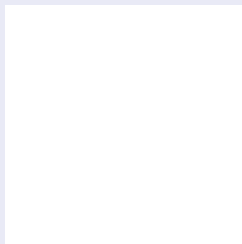
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.6616, 82.8231, 98.9766

Background



This preview shows how black text looks on a background with the XYZ color 79.6616, 82.8231, 98.9766.



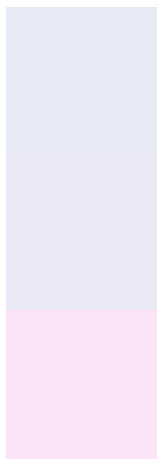
This preview shows how white text looks on a background with the XYZ color 79.6616, 82.8231,

98.9766.

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

79.6616, 82.8231, 98.9766

Protanopia

80.3655, 82.7645, 98.9282

Deuteranopia

84.6768, 82.8977, 99.5336



Tritanopia

80.6413, 82.7985, 103.8269

Trichromacy



Original Color

79.6616, 82.8231, 98.9766

Protanomaly

80.0344, 82.5938, 98.9127

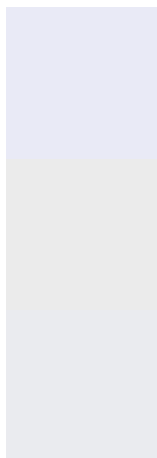
Deuteranomaly

82.7415, 82.7215, 99.6016

Tritanomaly

80.3259, 82.6724, 102.1662

Monochromacy



Original Color

79.6616, 82.8231, 98.9766

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

79.2200, 83.1411, 93.5338

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.6616, 82.8231, 98.9766 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(233, 234, 246) looks like.

```
.text, #text, p{  
    color:rgb(233, 234, 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(233, 234, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 234, 246) }
```

Border

The CSS property to change the border of an element to XYZ 79.6616, 82.8231, 98.9766 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(233, 234, 246) }
```


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

```
.border{ border-color:rgb(233, 234, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 234, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 234, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 234, 246);  
box-shadow:4px 4px 4px 4px rgb(233, 234,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 79.6616, 82.8231, 98.9766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 234, 246) }
```

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

```
.background{ background-color: rgb(233,  
234, 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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