

Converting Colors

XYZ(79.5392, 81.9449, 98.5563)

Have a look what the booklet for
XYZ(79.5392, 81.9449, 98.5563)
contains.

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Color

**XYZ(79.4228, 81.8595,
98.8032)**

Conversions

Conversions Part 1

Format	Color
Hex	EAE8F6
RGB	234, 232, 246
RGB Percent	92%, 91%, 96%
CMY	0.0823, 0.0902, 0.0353
CMYK	0.05, 0.06, 0.00, 0.04
HSL	249°, 44%, 94%
HSV	249°, 6%, 96%
XYZ	79.4228, 81.8595, 98.8032
YIQ	234.1940, -3.3020, 4.7780

Conversions

Conversions Part 2

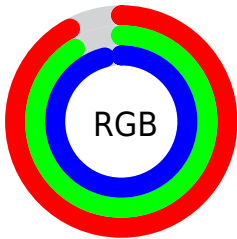
Format	Color
R _{YB}	234, 232, 246
Decimal	15395062
CIE Lab	92.51, 3.22, -6.54
CIE LCh	93, 7.286, 296.223
Yxy	81.8595, 0.3054, 0.3147
Android (android.graphics.Color)	4293585142 (0xFFEAE8F6)
YUV	234.1940, 5.8204, -0.1701
Hunter-Lab	90.4762, -1.6407, -1.4134

Details

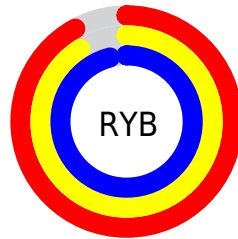
The XYZ color **79.4228, 81.8595, 98.8032** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.8327, 90.9731, 89.4365**, and the grayscale version is **78.3148, 82.3932, 89.7262**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.1797, 44.2334, 54.9773** is the 20% darker color. If you saturate the color by 10%, you get **66.4603, 65.6089, 96.3510**, and if you desaturate by 10%, it is **93.6348, 99.4339, 101.4476**.

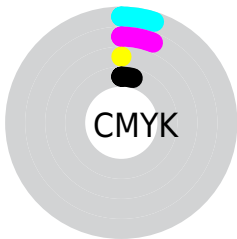
Distribution



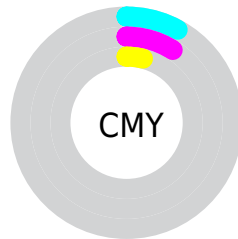
- Red (92%)
- Green (91%)
- Blue (96%)



- Red (92%)
- Yellow (91%)
- Blue (96%)



- Cyan (5%)
- Magenta (6%)
- Yellow (0%)
- Black (4%)



- Cyan (8%)
- Magenta (9%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.4228, 81.8595, 98.8032 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 79.4228, 81.8595, 98.8032 by changing the saturation by 10% instead.

79.4228, 81.8595,
98.8032

79.4228, 81.8595,
98.8032

481.7517,
501.1776, 577.5626

59.5503, 61.2497,
74.6901

131.5087,
135.9770, 161.5490

43.3044, 44.4267,
54.8589

164.4528,
170.2534, 201.0189

30.3195, 31.0061,
38.8909

202.4849,
209.8543, 246.4447

20.2305, 20.6035,
26.3677

245.9703,
255.1638, 298.2450

12.6720, 12.8345,
16.8707

295.2743,
306.5666, 356.8385

7.2785, 7.3147,
9.9813

350.7623,

3.6847, 3.6597,

364.4469, 422.6435

5.2811

412.7996,
429.1891, 496.0787

■ 1.5254, 1.4851,
2.3515

■ 0.3430, 0.2782,
0.7599

■ 79.4228, 81.8595,
98.8032

■ 79.4228, 81.8595,
98.8032

■ 66.4603, 65.6089,
96.3510

■ 93.6348, 99.4339,
101.4476

■ 55.2202, 51.6233,
94.2439

■ 45.6316, 39.8049,
92.4681

■ 37.6158, 30.0445,
91.0066

■ 31.0878, 22.2236,
89.8411

■ 25.9543, 16.2113,
88.9512

■ 22.1112, 11.8607,
88.3140

■ 19.4395, 9.0010,
87.9028

■ 17.7962, 7.4236,
87.6850

Harmonies

Analogous

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



77.5657, 81.8595, 99.9312



79.4228, 81.8595, 98.8032



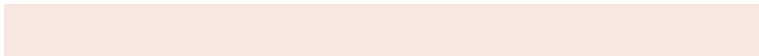
80.8667, 81.8595, 95.0469

Triad

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



79.4228, 81.8595, 98.8032



79.8441, 81.8595, 80.7523



74.2328, 81.8595, 88.4469

Complementary

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



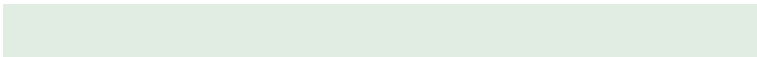
79.4228, 81.8595, 98.8032



84.8327, 90.9731, 89.4365

Split Complementary

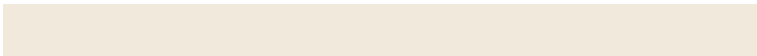
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.8215, 81.8595, 83.4659



79.4228, 81.8595, 98.8032



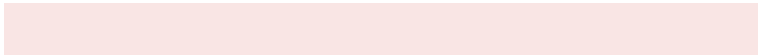
78.0448, 81.8595, 79.1385

Square

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



79.4228, 81.8595, 98.8032



81.1127, 81.8595, 84.6083



76.2093, 81.8595, 80.1117



74.5884, 81.8595, 93.8122

Rectangle

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



79.4228, 81.8595, 98.8032



81.3903, 81.8595, 91.6341



76.2093, 81.8595, 80.1117



74.3266, 81.8595, 86.6741

Sweetspot

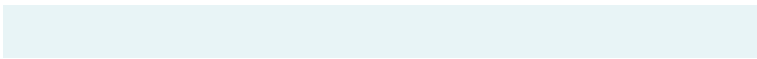
The Sweet Spot groups the original color and five complimentary colors.



79.4252, 81.8630, 98.8050



91.8541, 95.9692, 108.2904



82.3068, 88.5935, 99.9523



19.6940, 20.5836, 23.1850



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.



79.4252, 81.8630, 98.8050



84.2096, 86.3473, 106.8361



81.7241, 83.0481, 98.9126



16.3392, 16.7158, 20.9079



9.3190, 3.7784, 46.7762



0.8851, 0.3661, 4.1143

Inverse Universe

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



83.1947, 83.8415, 97.3906



89.2104, 88.9724, 104.9449



82.4935, 89.7672, 89.3270



17.3957, 17.2704, 20.5070



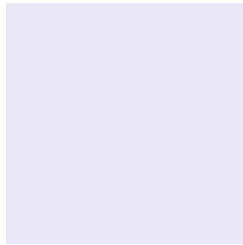
26.5966, 12.9821, 34.1799



2.3649, 1.1519, 3.1477

Previews

White Background



This preview shows how the XYZ color 79.4228, 81.8595, 98.8032 looks on a white background.

Color Contrast Check

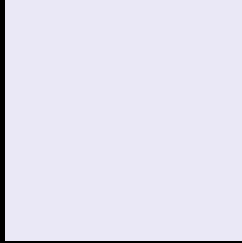
Large Text (above 18pt) WCAG AA × Fail

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 79.4228, 81.8595, 98.8032 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

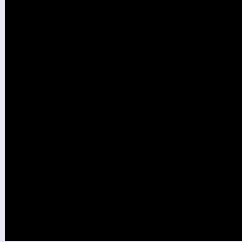
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

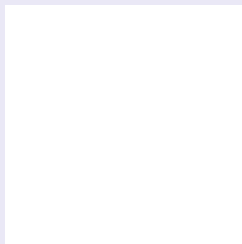
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.4228, 81.8595, 98.8032

Background



This preview shows how black text looks on a background with the XYZ color 79.4228, 81.8595, 98.8032.



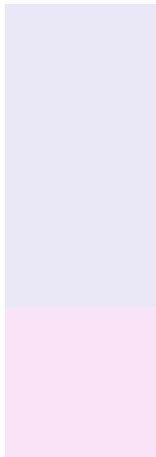
This preview shows how white text looks on a background with the XYZ color 79.4228, 81.8595,

98.8032.

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

79.4228, 81.8595, 98.8032

Protanopia

79.4228, 81.8595, 98.8032

Deuteranopia

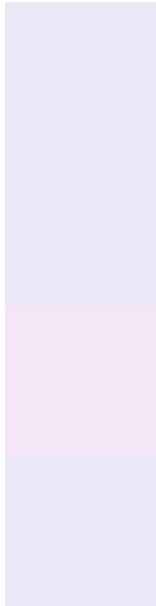
83.6819, 81.9776, 99.4084



Tritanopia

80.0922, 81.7161, 101.9940

Trichromacy



Original Color

79.4228, 81.8595, 98.8032

Protanomaly

79.4228, 81.8595, 98.8032

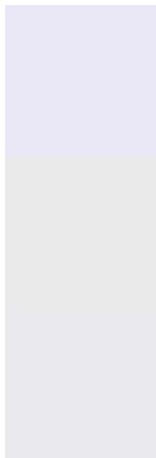
Deuteranomaly

82.1160, 81.9871, 99.4928

Tritanomaly

79.9357, 81.6535, 101.1702

Monochromacy



Original Color

79.4228, 81.8595, 98.8032

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

78.5032, 81.9433, 92.5680

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.4228, 81.8595, 98.8032 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(234, 232, 246) looks like.

```
.text, #text, p{  
    color:rgb(234, 232, 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(234, 232, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 232, 246) }
```

Border

The CSS property to change the border of an element to XYZ 79.4228, 81.8595, 98.8032 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(234, 232, 246) }
```


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

```
.border{ border-color:rgb(234, 232, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 232, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(234, 232, 246); -webkit-box-shadow:4px 4px 4px 4px rgb(234, 232, 246); box-shadow:4px 4px 4px 4px rgb(234, 232, 246) }
```

Background

The CSS property to change the background color of an element to XYZ 79.4228, 81.8595, 98.8032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 232, 246) }
```

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

```
.background{ background-color: rgb(234,  
232, 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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