

Converting Colors

XYZ(79.8456, 80.2299, 94.4971)

Have a look what the booklet for
XYZ(79.8456, 80.2299, 94.4971)
contains.

XYZ(79.6219, 79.9898, 94.4621)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(79.6219, 79.9898,
94.4621)**

Conversions

Conversions Part 1

Format	Color
Hex	F1E3F1
RGB	241, 227, 241
RGB Percent	95%, 89%, 95%
CMY	0.0549, 0.1098, 0.0549
CMYK	0.00, 0.06, 0.00, 0.05
HSL	300°, 33%, 92%
HSV	300°, 6%, 95%
XYZ	79.6219, 79.9898, 94.4621
YIQ	232.7820, 3.8500, 7.3220

Conversions

Conversions Part 2

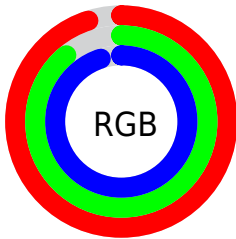
Format	Color
R _Y B	241, 227, 241
Decimal	15852529
CIE Lab	91.68, 7.20, -5.09
CIE LCh	92, 8.821, 324.728
Yxy	79.9898, 0.3134, 0.3148
Android (android.graphics.Color)	4294042609 (0xFF1E3F1)
YUV	232.7820, 4.0515, 7.2072
Hunter-Lab	89.4370, 2.3960, -0.0153

Details

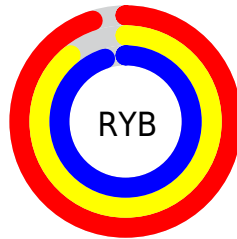
The XYZ color **79.6219, 79.9898, 94.4621** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **77.0020, 84.7897, 84.9848**, and the grayscale version is **77.2586, 81.2821, 88.5162**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.5171, 43.3221, 51.9673** is the 20% darker color. If you saturate the color by 10%, you get **73.4872, 67.7192, 92.4179**, and if you desaturate by 10%, it is **86.6839, 94.1125, 96.8173**.

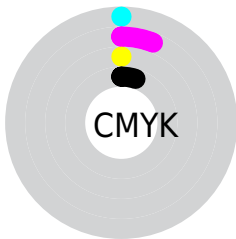
Distribution



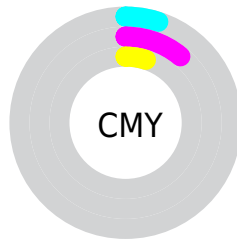
- Red (95%)
- Green (89%)
- Blue (95%)



- Red (95%)
- Yellow (89%)
- Blue (95%)



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



- Cyan (5%)
- Magenta (11%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.6219, 79.9898, 94.4621 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 79.6219, 79.9898, 94.4621 by changing the saturation by 10% instead.

79.6219, 79.9898,
94.4621

79.6219, 79.9898,
94.4621

482.4137,
494.8985, 563.3818

59.7147, 59.7100,
71.0929

131.7873,
133.3514, 155.5104

43.4373, 43.1849,
51.9358

164.7762,
167.2019, 194.0267

30.4244, 30.0302,
36.5720

202.8564,
206.3448, 238.4291

20.3106, 19.8615,
24.5831

246.3932,
251.1645, 289.1362

12.7306, 12.2944,
15.5505

295.7520,
302.0453, 346.5664

7.3190, 6.9445,
9.0558

351.2981,

3.7105, 3.4274,

359.3716, 411.1384

4.6803

413.3968,
423.5279, 483.2707

■ 1.5397, 1.3587,
2.0055

■ 0.3526, 0.1860,
0.5586

■ 79.6219, 79.9898,
94.4621

■ 79.6219, 79.9898,
94.4621

■ 73.4872, 67.7192,
92.4179

■ 86.6839, 94.1125,
96.8173

■ 68.2346, 57.2142,
90.6669

■ 87.9137, 96.5721,
97.2274

■ 63.8258, 48.3966,
89.1970

■ 87.9137, 96.5721,
97.2277

■ 60.2168, 41.1786,
87.9938

■ 87.9138, 96.5721,
97.2279

■ 57.3596, 35.4643,
87.0412

■ 87.9138, 96.5721,
97.2282

■ 55.2012, 31.1477,
86.3215

■ 87.9139, 96.5721,
97.2284

■ 53.6817, 28.1088,
85.8148

■ 87.9139, 96.5722,
97.2286

■ 52.7311, 26.2076,
85.4977

■ 87.9140, 96.5722,
97.2289

■ 52.2629, 25.2712,
85.3414

■ 87.9140, 96.5722,
97.2291

Harmonies

Analogous

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



77.8556, 79.9898, 98.8643



79.6219, 79.9898, 94.4621



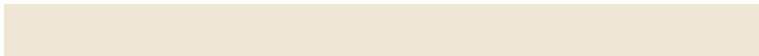
80.4263, 79.9898, 88.2408

Triad

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



79.6219, 79.9898, 94.4621



76.4268, 79.9898, 75.3096



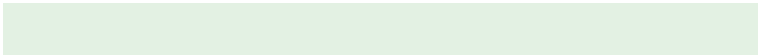
72.1584, 79.9898, 92.3921

Complementary

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



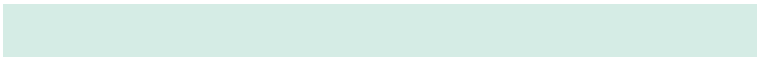
79.6219, 79.9898, 94.4621



77.0020, 84.7897, 84.9848

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.



71.7929, 79.9898, 85.9597



79.6219, 79.9898, 94.4621



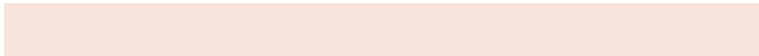
74.2291, 79.9898, 76.2995

Square

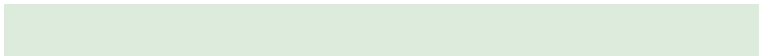
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.6219, 79.9898, 94.4621



78.5585, 79.9898, 77.3485



72.5437, 79.9898, 80.1218



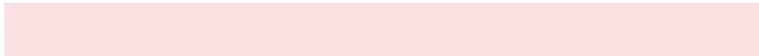
73.5523, 79.9898, 97.6284

Rectangle

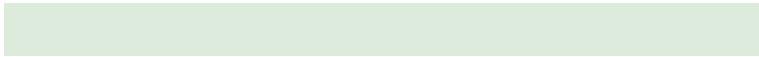
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.6219, 79.9898, 94.4621



80.2975, 79.9898, 83.9772



72.5437, 79.9898, 80.1218



71.9124, 79.9898, 90.2896

Sweetspot

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



79.6242, 79.9932, 94.4638



93.4445, 96.7891, 108.3648



75.0284, 77.6240, 94.2489



20.0178, 20.7505, 23.2001



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

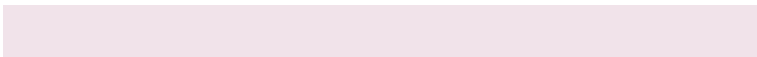
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.6242, 79.9932, 94.4638



89.6176, 89.1353, 107.0890



78.5986, 79.5830, 89.0631



16.7102, 16.5433, 20.0340



28.2811, 13.5849, 46.2582



2.3527, 1.1301, 3.8483

Inverse Universe

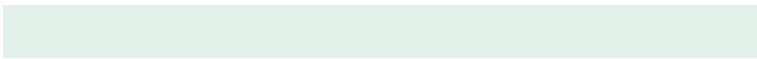
The Inverse Universe completely reimagines the original color for something new.



79.6242, 79.9932, 94.4638



89.6176, 89.1353, 107.0890



77.9879, 85.1841, 90.1764



16.7102, 16.5433, 20.0340



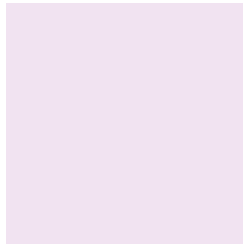
28.2811, 13.5849, 46.2582



2.3527, 1.1301, 3.8483

Previews

White Background



This preview shows how the XYZ color 79.6219, 79.9898, 94.4621 looks on a white background.

Color Contrast Check

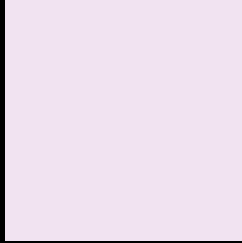
Large Text (above 18pt) WCAG AA × Fail

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 79.6219, 79.9898, 94.4621 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

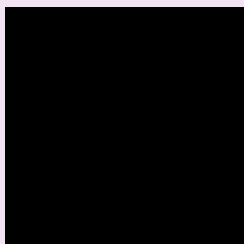
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

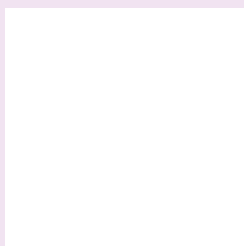
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.6219, 79.9898, 94.4621

Background



This preview shows how black text looks on a background with the XYZ color 79.6219, 79.9898, 94.4621.



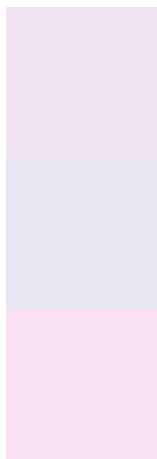
This preview shows how white text looks on a background with the XYZ color 79.6219, 79.9898,

94.4621.

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

79.6219, 79.9898, 94.4621

Protanopia

77.7532, 80.2205, 96.1801

Deuteranopia

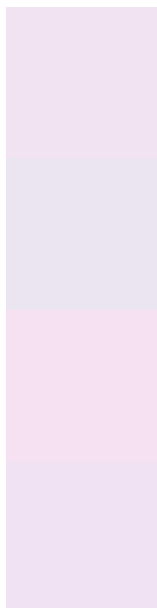
81.7496, 79.8619, 95.1106



Tritanopia

79.8011, 79.6251, 96.7512

Trichromacy



Original Color

79.6219, 79.9898, 94.4621

Protanomaly

78.3073, 80.1116, 95.3402

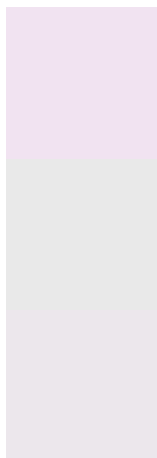
Deuteranomaly

80.9583, 79.8541, 95.1508

Tritanomaly

79.6496, 79.5645, 95.9535

Monochromacy



Original Color

79.6219, 79.9898, 94.4621

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

78.3083, 81.0408, 90.8720

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.6219, 79.9898, 94.4621 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(241, 227, 241) looks like.

```
.text, #text, p{  
    color:rgb(241, 227, 241)  
}
```

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(241, 227, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 227, 241) }
```

Border

The CSS property to change the border of an element to XYZ 79.6219, 79.9898, 94.4621 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(241, 227, 241) }
```


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

```
.border{ border-color:rgb(241, 227, 241) }
```

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

Here you see how a box with a 4 pixel rgb(241, 227, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 227, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 227, 241);  
box-shadow:4px 4px 4px 4px rgb(241, 227,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 79.6219, 79.9898, 94.4621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 227, 241) }
```

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

```
.background{ background-color: rgb(241,  
227, 241) }
```

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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