

Converting Colors

XYZ(79.4814, 84.6712, 84.0680)

Have a look what the booklet for
XYZ(79.4814, 84.6712, 84.0680)
contains.

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Color

**XYZ(79.5619, 84.8172,
84.1295)**

Conversions

Conversions Part 1

Format	Color
Hex	EEEEEE2
RGB	238, 238, 226
RGB Percent	93%, 93%, 89%
CMY	0.0667, 0.0666, 0.1137
CMYK	0.00, 0.00, 0.05, 0.07
HSL	60°, 26%, 91%
HSV	60°, 5%, 93%
XYZ	79.5619, 84.8172, 84.1295
YIQ	236.6320, 3.8520, -3.7320

Conversions

Conversions Part 2

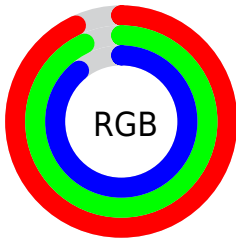
Format	Color
R _Y B	226, 238, 226
Decimal	15658722
CIE Lab	93.80, -2.07, 5.79
CIE LCh	94, 6.153, 109.681
Yxy	84.8172, 0.3202, 0.3413
Android (android.graphics.Color)	4293848802 (0xFFEEEEEE2)
YUV	236.6320, -5.2416, 1.1997
Hunter-Lab	92.0963, -6.9624, 10.3062

Details

The XYZ color **79.5619, 84.8172, 84.1295** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **73.9963, 76.7368, 91.8050**, and the grayscale version is **80.2523, 84.4317, 91.9461**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.3700, 46.3413, 45.1870** is the 20% darker color. If you saturate the color by 10%, you get **76.5181, 83.6021, 68.1060**, and if you desaturate by 10%, it is **83.0638, 86.2211, 102.5444**.

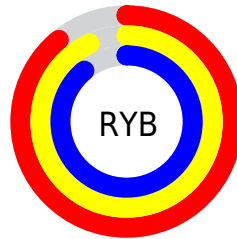
Distribution



Red (93%)

Green (93%)

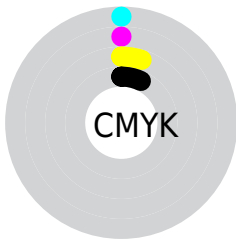
Blue (89%)



Red (89%)

Yellow (93%)

Blue (89%)

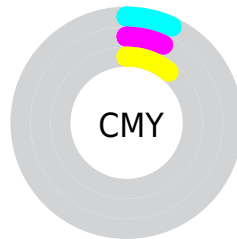


Cyan (0%)

Magenta (0%)

Yellow (5%)

Black (7%)



Cyan (7%)

Magenta (7%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.5619, 84.8172, 84.1295 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 79.5619, 84.8172, 84.1295 by changing the saturation by 10% instead.

■ 79.5619, 84.8172,
84.1295

■ 79.5619, 84.8172,
84.1295

482.2142,
511.0230, 528.8125

■ 59.6651, 63.6903,
62.5764

131.7034,
140.1177, 141.0197

■ 43.3972, 46.3999,
45.0598

164.6788,
175.0602, 177.1937

■ 30.3928, 32.5615,
31.1612

202.7445,
215.3767, 219.0786

■ 20.2865, 21.7908,
20.4621

246.2658,
261.4516, 267.0926

■ 12.7129, 13.7032,
12.5440

295.6080,
313.6693, 321.6545

■ 7.3068, 7.9146,
6.9883

351.1366,

■ 3.7027, 4.0403,

372.4141, 383.1828

3.3764

413.2169,
438.0706, 452.0959

■ 1.5354, 1.6961,
1.2899

■ 0.3497, 0.4212,
0.0535

■ 79.5619, 84.8172,
84.1295

■ 79.5619, 84.8172,
84.1295

■ 76.5181, 83.6021,
68.1060

■ 83.0638, 86.2211,
102.5444

■ 73.9068, 82.5572,
54.3705


■ 83.8925, 86.5529,
106.8925


■ 71.7105, 81.6783,
42.8205


■ 83.8954, 86.5544,
106.8926


■ 69.9078, 80.9569,
33.3432


■ 83.8984, 86.5559,
106.8928


 68.4755, 80.3837,
25.8162


 83.9014, 86.5574,
106.8929


 67.3878, 79.9482,
20.1036


 83.9044, 86.5590,
106.8931


 66.6156, 79.6390,
16.0528

 83.9073, 86.5605,
106.8932

 66.1251, 79.4425,
13.4858

 83.9103, 86.5620,
106.8933

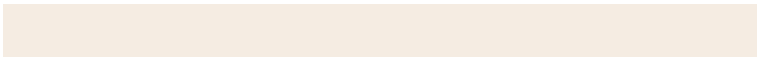
 65.8750, 79.3421,
12.1839

 83.9133, 86.5636,
106.8935

Harmonies

Analogous

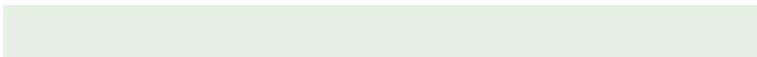
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.1807, 84.8172, 83.7725



79.5619, 84.8172, 84.1295



78.2425, 84.8172, 86.6466

Triad

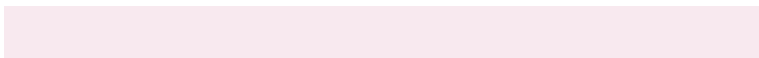
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.5619, 84.8172, 84.1295



78.5988, 84.8172, 99.3889



83.7493, 84.8172, 93.9739

Complementary

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



79.5619, 84.8172, 84.1295



73.9963, 76.7368, 91.8050

Split Complementary

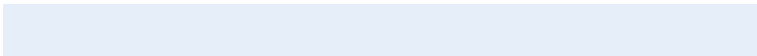
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.0374, 84.8172, 98.3014



79.5619, 84.8172, 84.1295



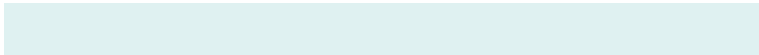
80.0543, 84.8172, 101.4971

Square

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



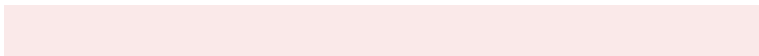
79.5619, 84.8172, 84.1295



77.6917, 84.8172, 95.4175



81.6798, 84.8172, 101.0925



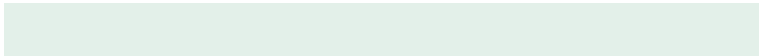
83.6132, 84.8172, 89.3519

Rectangle

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



79.5619, 84.8172, 84.1295



77.7034, 84.8172, 89.2598



81.6798, 84.8172, 101.0925



83.6009, 84.8172, 95.5138

Sweetspot

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



79.5643, 84.8209, 84.1313



94.2389, 99.6755, 104.6327



76.1864, 78.0629, 83.0049



20.1795, 21.3381, 22.4404



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.



79.5643, 84.8209, 84.1313



92.6815, 99.0524, 96.4388



77.5838, 83.7999, 84.0387



17.3176, 18.5369, 17.8375



36.7127, 44.2476, 6.6057



3.0543, 3.6811, 0.5495

Inverse Universe

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



73.9963, 76.7368, 91.8050



84.9572, 87.8375, 107.0843



75.9102, 77.7235, 91.8946



15.7299, 16.2317, 20.0256



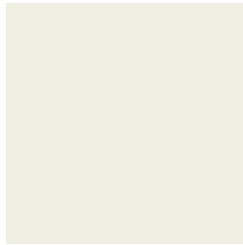
8.6107, 3.4444, 45.3389



0.7165, 0.2866, 3.7718

Previews

White Background



This preview shows how the XYZ color 79.5619, 84.8172, 84.1295 looks on a white background.

Color Contrast Check

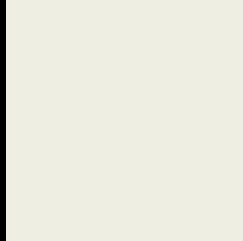
Large Text (above 18pt) WCAG AA × Fail

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 79.5619, 84.8172, 84.1295 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

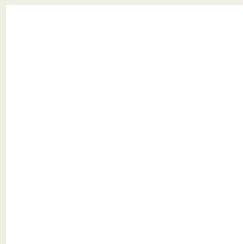
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.5619, 84.8172, 84.1295

Background



This preview shows how black text looks on a background with the XYZ color 79.5619, 84.8172, 84.1295.



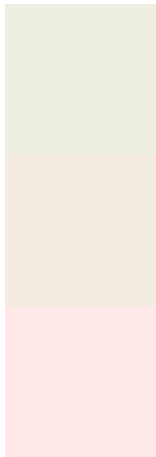
This preview shows how white text looks on a background with the XYZ color 79.5619, 84.8172,

84.1295.

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

79.5619, 84.8172, 84.1295

Protanopia

80.8943, 84.6602, 83.3116

Deuteranopia

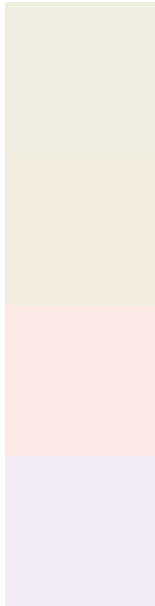
84.5204, 84.7427, 87.5036



Tritanopia

83.6115, 84.7512, 104.0473

Trichromacy



Original Color

79.5619, 84.8172, 84.1295

Protanomaly

80.4927, 84.8819, 83.3756

Deuteranomaly

82.6326, 84.6425, 86.1112

Tritanomaly

82.1616, 84.5885, 96.7909

Monochromacy



Original Color

79.5619, 84.8172, 84.1295

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

79.9172, 84.4561, 89.1804

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.5619, 84.8172, 84.1295 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(238, 238, 226) looks like.

```
.text, #text, p{  
    color:rgb(238, 238, 226)  
}
```

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(238, 238, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 238, 226) }
```

Border

The CSS property to change the border of an element to XYZ 79.5619, 84.8172, 84.1295 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(238, 238, 226) }
```


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

```
.border{ border-color:rgb(238, 238, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 238, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 238, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 238, 226);  
box-shadow:4px 4px 4px 4px rgb(238, 238,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 79.5619, 84.8172, 84.1295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 238, 226) }
```

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

```
.background{ background-color: rgb(238,  
238, 226) }
```

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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