

Converting Colors

XYZ(81.6231, 84.8516, 95.8535)

Have a look what the booklet for
XYZ(81.6231, 84.8516, 95.8535)
contains.

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Color

**XYZ(81.6191, 84.7524,
96.0615)**

Conversions

Conversions Part 1

Format	Color
Hex	EFECE2
RGB	239, 236, 242
RGB Percent	94%, 93%, 95%
CMY	0.0627, 0.0745, 0.0510
CMYK	0.01, 0.02, 0.00, 0.05
HSL	270°, 19%, 94%
HSV	270°, 2%, 95%
XYZ	81.6191, 84.7524, 96.0615
YIQ	237.5810, -0.1380, 2.5020

Conversions

Conversions Part 2

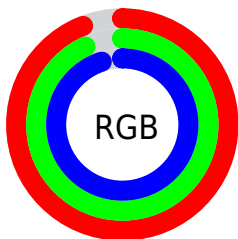
Format	Color
R _Y B	239, 236, 242
Decimal	15723762
CIE Lab	93.78, 2.08, -2.55
CIE LCh	94, 3.288, 309.136
Yxy	84.7524, 0.3110, 0.3229
Android (android.graphics.Color)	4293913842 (0xFFEFECF2)
YUV	237.5810, 2.1786, 1.2445
Hunter-Lab	92.0611, -2.8531, 2.5764

Details

The XYZ color **81.6191, 84.7524, 96.0615** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.4922, 87.9134, 91.9823**, and the grayscale version is **80.9300, 85.1447, 92.7226**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.7126, 46.2550, 53.0259** is the 20% darker color. If you saturate the color by 10%, you get **71.1674, 69.7144, 93.7110**, and if you desaturate by 10%, it is **91.6103, 98.4604, 98.1821**.

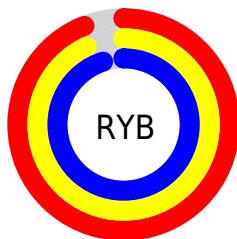
Distribution



Red (94%)

Green (93%)

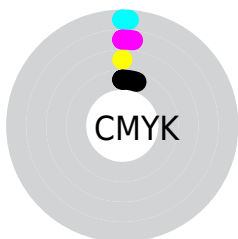
Blue (95%)



Red (94%)

Yellow (93%)

Blue (95%)

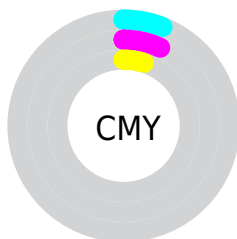


Cyan (1%)

Magenta (2%)

Yellow (0%)

Black (5%)



Cyan (6%)

Magenta (7%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.6191, 84.7524, 96.0615 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 81.6191, 84.7524, 96.0615 by changing the saturation by 10% instead.

81.6191, 84.7524,
96.0615

81.6191, 84.7524,
96.0615

489.0265,
510.8084, 568.6286

61.3647, 63.6368,
72.4170

134.5783,
140.0272, 157.7385

44.7732, 46.3566,
53.0105

168.0138,
174.9552, 196.6080

31.4793, 32.5273,
37.4234

206.5737,
215.2561, 241.3897

21.1177, 21.7646,
25.2371

250.6234,
261.3143, 292.5020

13.3230, 13.6840,
16.0332

300.5281,
313.5143, 350.3635

7.7299, 7.9012,
9.3930

356.6533,

3.9729, 4.0318,

372.2404, 415.3928

4.8981

419.3643,
437.8769, 488.0083

■ 1.6868, 1.6914,
2.1299

■ 0.4480, 0.4181,
0.6335

■ 81.6191, 84.7524,
96.0615

■ 81.6191, 84.7524,
96.0615

■ 71.1674, 69.7144,
93.7110

■ 91.6103, 98.4604,
98.1821

■ 61.8881, 56.6238,
91.6733

■ 93.0273, 99.1909,
98.2484

■ 53.7380, 45.4010,
89.9367

■ 46.6681, 35.9566,
88.4863

■ 40.6256, 28.1935,
87.3064

■ 35.5527, 22.0054,
86.3794

■ 31.3851, 17.2730,
85.6856

■ 28.0496, 13.8591,
85.2024

■ 25.4583, 11.5988,
84.9027

Harmonies

Analogous

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



80.8215, 84.7524, 97.1108



81.6191, 84.7524, 96.0615



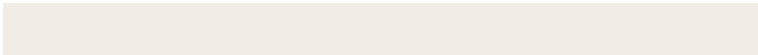
82.1339, 84.7524, 94.0043

Triad

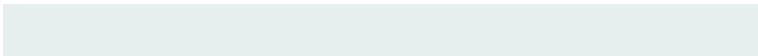
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.6191, 84.7524, 96.0615



81.1541, 84.7524, 87.8598



78.9081, 84.7524, 93.0467

Complementary

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



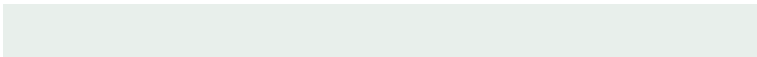
81.6191, 84.7524, 96.0615



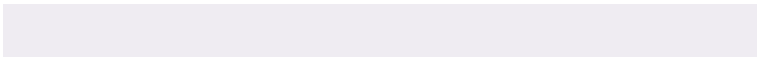
82.4922, 87.9134, 91.9823

Split Complementary

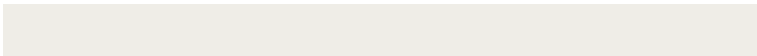
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.9957, 84.7524, 90.5788



81.6191, 84.7524, 96.0615



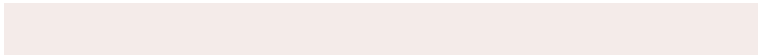
80.2883, 84.7524, 87.6140

Square

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



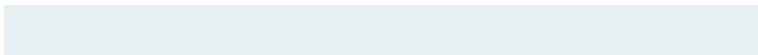
81.6191, 84.7524, 96.0615



81.8641, 84.7524, 89.2788



79.4994, 84.7524, 88.6009



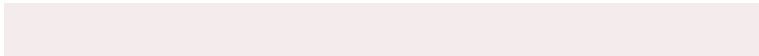
79.2592, 84.7524, 95.3496

Rectangle

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



81.6191, 84.7524, 96.0615



82.2453, 84.7524, 92.3535



79.4994, 84.7524, 88.6009



78.8873, 84.7524, 92.2085

Sweetspot

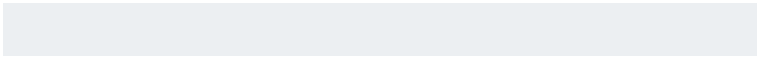
The Sweet Spot groups the original color and five complimentary colors.



81.6215, 84.7560, 96.0633



93.7741, 98.1426, 108.6087



81.5180, 86.0384, 96.3163



20.0850, 21.0261, 23.2498



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.



81.6215, 84.7560, 96.0633



91.2638, 94.4971, 108.0374



82.6085, 85.2649, 96.1095



16.9151, 17.4399, 20.1963



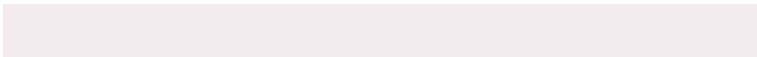
12.9981, 5.7061, 45.5442



1.1961, 0.5338, 3.7942

Inverse Universe

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



82.1964, 85.1039, 93.7600



92.0485, 94.9720, 104.8933



81.5209, 87.4126, 91.9368



17.0997, 17.5517, 19.4566



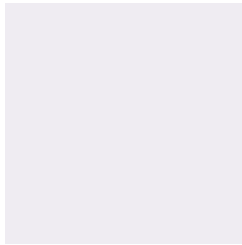
21.5969, 10.9112, 11.0598



1.8469, 0.9278, 1.1845

Previews

White Background



This preview shows how the XYZ color 81.6191, 84.7524, 96.0615 looks on a white background.

Color Contrast Check

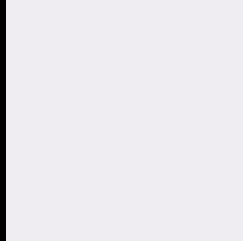
Large Text (above 18pt) WCAG AA × Fail

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 81.6191, 84.7524, 96.0615 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

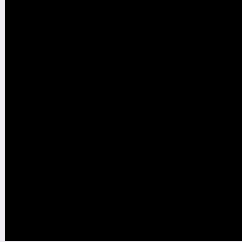
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

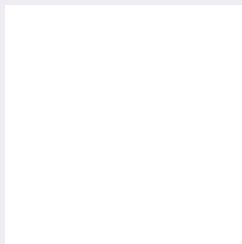
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.6191, 84.7524, 96.0615

Background



This preview shows how black text looks on a background with the XYZ color 81.6191, 84.7524, 96.0615.



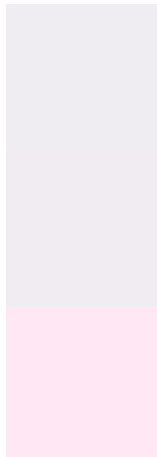
This preview shows how white text looks on a background with the XYZ color 81.6191, 84.7524,

96.0615.

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

81.6191, 84.7524, 96.0615

Protanopia

81.9576, 84.9270, 96.0773

Deuteranopia

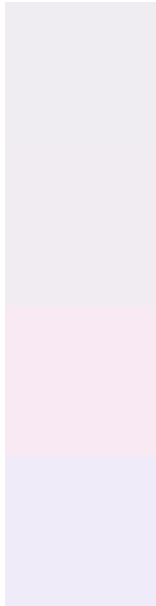
85.9936, 84.8829, 96.6457



Tritanopia

83.4281, 84.6383, 104.8682

Trichromacy



Original Color

81.6191, 84.7524, 96.0615

Protanomaly

81.9576, 84.9270, 96.0773

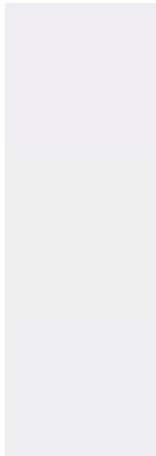
Deuteranomaly

84.3835, 84.8886, 96.7317

Tritanomaly

82.7424, 84.7815, 101.6260

Monochromacy



Original Color

81.6191, 84.7524, 96.0615

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

81.1241, 84.9775, 93.7880

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.6191, 84.7524, 96.0615 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(239, 236, 242) looks like.

```
.text, #text, p{  
    color:rgb(239, 236, 242)  
}
```

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(239, 236, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 236, 242) }
```

Border

The CSS property to change the border of an element to XYZ 81.6191, 84.7524, 96.0615 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(239, 236, 242) }
```


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

```
.border{ border-color:rgb(239, 236, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 236, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 236, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 236, 242);  
box-shadow:4px 4px 4px 4px rgb(239, 236,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 81.6191, 84.7524, 96.0615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 236, 242) }
```

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

```
.background{ background-color: rgb(239,  
236, 242) }
```

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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