

Converting Colors

XYZ(76.0195, 76.6214, 89.6101)

Have a look what the booklet for
XYZ(76.0195, 76.6214, 89.6101)
contains.

XYZ(75.9751, 76.6064, 89.3795)	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(75.9751, 76.6064,
89.3795)**

Conversions

Conversions Part 1

Format	Color
Hex	ECDFEB
RGB	236, 223, 235
RGB Percent	93%, 87%, 92%
CMY	0.0745, 0.1255, 0.0784
CMYK	0.00, 0.06, 0.00, 0.07
HSL	305°, 25%, 90%
HSV	305°, 6%, 93%
XYZ	75.9751, 76.6064, 89.3795
YIQ	228.2550, 3.8960, 6.4880

Conversions

Conversions Part 2

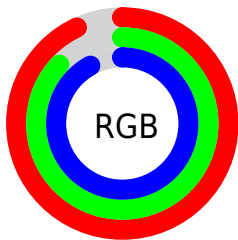
Format	Color
R _Y B	236, 223, 235
Decimal	15523819
CIE Lab	90.14, 6.53, -4.26
CIE LCh	90, 7.800, 326.857
Yxy	76.6064, 0.3140, 0.3166
Android (android.graphics.Color)	4293713899 (0xFFE0DFEB)
YUV	228.2550, 3.3253, 6.7924
Hunter-Lab	87.5251, 1.7759, 0.7214

Details

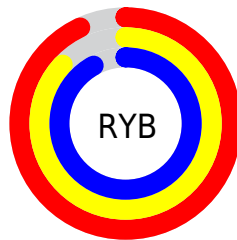
The XYZ color **75.9751, 76.6064, 89.3795** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.8843, 81.0626, 82.2774**, and the grayscale version is **73.9057, 77.7546, 84.6747**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.9617, 40.9632, 48.3956** is the 20% darker color. If you saturate the color by 10%, you get **69.8439, 64.7606, 86.0491**, and if you desaturate by 10%, it is **82.9922, 90.2175, 93.0203**.

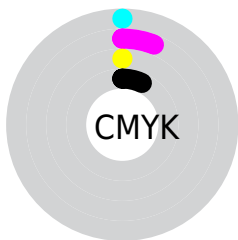
Distribution



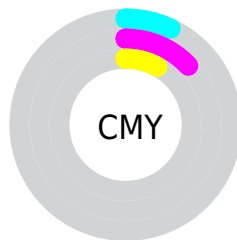
- Red (93%)
- Green (87%)
- Blue (92%)



- Red (93%)
- Yellow (87%)
- Blue (92%)



- Cyan (0%)
- Magenta (6%)
- Yellow (0%)
- Black (7%)



- Cyan (7%)
- Magenta (13%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.9751, 76.6064, 89.3795 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 75.9751, 76.6064, 89.3795 by changing the saturation by 10% instead.

75.9751, 76.6064,
89.3795

75.9751, 76.6064,
89.3795

470.2082,
483.4210, 546.5282

56.7091, 56.9299,
66.8953

126.6723,
128.5837, 148.4042

41.0109, 40.9490,
48.5385

158.8341,
161.6533, 185.7817

28.5153, 28.2792,
33.8905

196.0252,
199.9561, 228.9608

18.8569, 18.5362,
22.5328

238.6111,
243.8764, 278.3600

11.6703, 11.3357,
14.0469

286.9569,
293.7986, 334.3978

6.5902, 6.2931,
8.0142

341.4281,

3.2512, 3.0241,

350.1072, 397.4927

4.0161

402.3901,
413.1865, 468.0634

■ 1.2880, 1.1443,
1.6342

■ 0.1742, 0.0155,
0.3150

■ 75.9751, 76.6064,
89.3795

■ 75.9751, 76.6064,
89.3795

■ 69.8439, 64.7606,
86.0491

■ 82.9922, 90.2175,
93.0203

■ 64.5559, 54.5980,
83.0120

■ 85.8782, 95.5634,
95.2963

■ 60.0746, 46.0445,
80.2569

■ 86.1473, 95.6710,
96.7134

■ 56.3583, 39.0168,
77.7700

■ 86.4191, 95.7797,
98.1446

53.3616, 33.4241,
75.5359

86.6936, 95.8895,
99.5902

51.0344, 29.1660,
73.5381

86.9709, 96.0004,
101.0500

49.3199, 26.1292,
71.7574

87.2508, 96.1124,
102.5242

48.1520, 24.1815,
70.1719

87.5335, 96.2255,
104.0127

47.4494, 23.1601,
68.7544

87.8189, 96.3396,
105.5157

Harmonies

Analogous

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



74.5075, 76.6064, 93.2930



75.9751, 76.6064, 89.3795



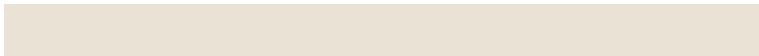
76.5943, 76.6064, 83.9974

Triad

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



75.9751, 76.6064, 89.3795



73.0164, 76.6064, 73.2085



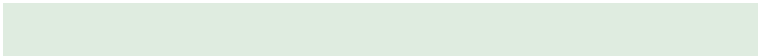
69.5399, 76.6064, 88.3232

Complementary

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



75.9751, 76.6064, 89.3795



73.8843, 81.0626, 82.2774

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.



69.1565, 76.6064, 82.8280



75.9751, 76.6064, 89.3795



71.1425, 76.6064, 74.2533

Square

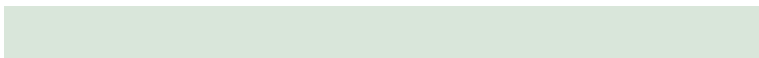
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.9751, 76.6064, 89.3795



74.8672, 76.6064, 74.7957



69.7381, 76.6064, 77.7150



70.7949, 76.6064, 92.6644

Rectangle

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



75.9751, 76.6064, 89.3795



76.4347, 76.6064, 80.3565



69.7381, 76.6064, 77.7150



69.3058, 76.6064, 86.5427

Sweetspot

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



75.9773, 76.6097, 89.3812



93.3814, 96.7638, 108.0325



72.2305, 74.6614, 89.9620



20.0049, 20.7453, 23.1325



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.



75.9773, 76.6097, 89.3812



89.3973, 89.0471, 105.9290



75.0739, 76.2483, 84.6239



15.9163, 15.7846, 18.9077



26.0542, 12.6244, 37.6821



2.0608, 0.9973, 3.0375

Inverse Universe

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



75.9773, 76.6097, 89.3812



89.3973, 89.0471, 105.9290



74.7639, 81.4145, 86.9096



15.9163, 15.7846, 18.9077



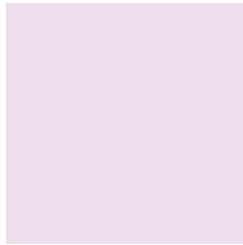
26.0542, 12.6244, 37.6821



2.0608, 0.9973, 3.0375

Previews

White Background



This preview shows how the XYZ color 75.9751, 76.6064, 89.3795 looks on a white background.

Color Contrast Check

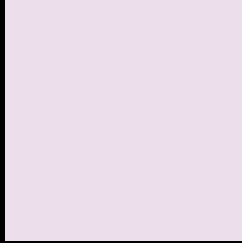
Large Text (above 18pt) WCAG AA × Fail

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 75.9751, 76.6064, 89.3795 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

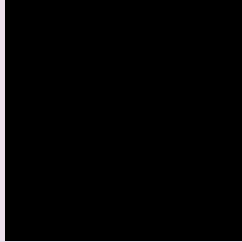
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

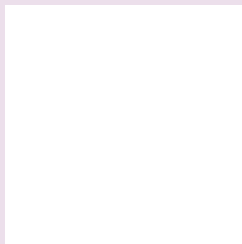
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.9751, 76.6064, 89.3795

Background



This preview shows how black text looks on a background with the XYZ color 75.9751, 76.6064, 89.3795.



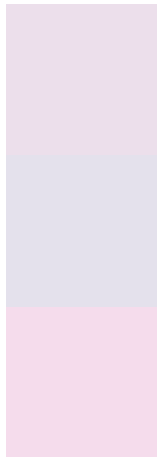
This preview shows how white text looks on a background with the XYZ color 75.9751, 76.6064,

89.3795.

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

75.9751, 76.6064, 89.3795

Protanopia

74.0604, 76.4005, 90.2003

Deuteranopia

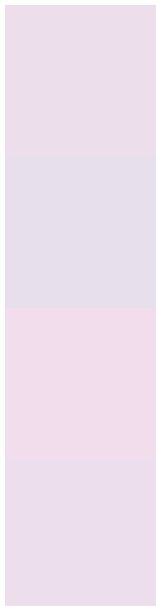
78.3897, 76.6550, 90.0212



Tritanopia

76.7745, 76.5383, 93.1650

Trichromacy



Original Color

75.9751, 76.6064, 89.3795

Protanomaly

74.7510, 76.3564, 90.1553

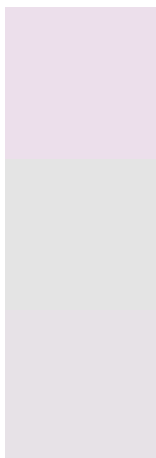
Deuteranomaly

77.6147, 76.6463, 90.0604

Tritanomaly

76.4789, 76.4201, 91.6086

Monochromacy



Original Color

75.9751, 76.6064, 89.3795

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

74.5752, 77.1512, 86.5624

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.9751, 76.6064, 89.3795 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(236, 223, 235) looks like.

```
.text, #text, p{  
    color:rgb(236, 223, 235)  
}
```

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(236, 223, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 223, 235) }
```

Border

The CSS property to change the border of an element to XYZ 75.9751, 76.6064, 89.3795 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(236, 223, 235) }
```


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

```
.border{ border-color:rgb(236, 223, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 223, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 223, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 223, 235);  
box-shadow:4px 4px 4px 4px rgb(236, 223,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 75.9751, 76.6064, 89.3795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 223, 235) }
```

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

```
.background{ background-color: rgb(236,  
223, 235) }
```

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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