

Converting Colors

XYZ(74.7452, 76.3892, 83.1907)

Have a look what the booklet for
XYZ(74.7452, 76.3892, 83.1907)
contains.

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Color

**XYZ(74.7817, 76.5195,
83.5014)**

Conversions

Conversions Part 1

Format	Color
Hex	EBE0E3
RGB	235, 224, 227
RGB Percent	92%, 88%, 89%
CMY	0.0784, 0.1215, 0.1098
CMYK	0.00, 0.05, 0.03, 0.08
HSL	344°, 22%, 90%
HSV	344°, 5%, 92%
XYZ	74.7817, 76.5195, 83.5014
YIQ	227.6310, 5.5930, 3.2650

Conversions

Conversions Part 2

Format	Color
R_{YB}	235, 224, 227
Decimal	15458531
CIE Lab	90.10, 4.26, -0.14
CIE LCh	90, 4.264, 358.185
Yxy	76.5195, 0.3185, 0.3259
Android (android.graphics.Color)	4293648611 (0xFFEBE0E3)
YUV	227.6310, -0.3111, 4.4626
Hunter-Lab	87.4754, -0.4845, 4.6364

Details

The XYZ color **74.7817, 76.5195, 83.5014** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.0171, 81.0921, 88.0463**, and the grayscale version is **73.4744, 77.3008, 84.1806**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.2248, 40.9382, 44.8115** is the 20% darker color. If you saturate the color by 10%, you get **66.6539, 63.8538, 69.7225**, and if you desaturate by 10%, it is **84.0211, 91.0313, 98.8088**.

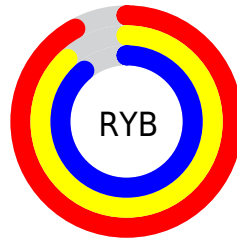
Distribution



Red (92%)

Green (88%)

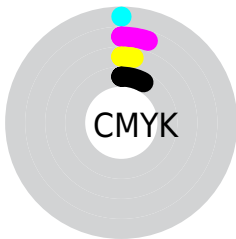
Blue (89%)



Red (92%)

Yellow (88%)

Blue (89%)

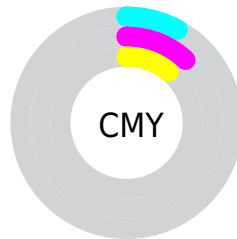


Cyan (0%)

Magenta (5%)

Yellow (3%)

Black (8%)



Cyan (8%)

Magenta (12%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.7817, 76.5195, 83.5014 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 74.7817, 76.5195, 83.5014 by changing the saturation by 10% instead.

74.7817, 76.5195,
83.5014

74.7817, 76.5195,
83.5014

466.1757,
483.1242, 526.6707

55.7276, 56.8586,
62.0609

124.9929,
128.4610, 140.1330

40.2207, 40.8917,
44.6458

156.8806,
161.5104, 176.1611

27.8957, 28.2345,
30.8376

193.7770,
199.7913, 217.8889

18.3871, 18.5025,
20.2178

236.0474,
243.6883, 265.7348

11.3296, 11.3114,
12.3678

284.0571,
293.5857, 320.1174

6.3579, 6.2767,
6.8691

338.1715,

3.1066, 3.0140,

349.8679, 381.4552

3.3032

398.7559,
412.9192, 450.1668

■ 1.2104, 1.1391,
1.2514

■ 0.1146, 0.0111,
0.0215

■ 74.7817, 76.5195,
83.5014

■ 74.7817, 76.5195,
83.5014

■ 66.6539, 63.8538,
69.7225

■ 84.0211, 91.0313,
98.8088

■ 59.5888, 52.9504,
57.4195

■ 88.0714, 96.4024,
108.5734

■ 53.5433, 43.7337,
46.5438

■ 48.4692, 36.1188,
37.0425

■ 44.3139, 30.0133,
28.8590

■ 41.0197, 25.3155,
21.9327

■ 38.5223, 21.9108,
16.1980

■ 36.7475, 19.6665,
11.5826

■ 35.6059, 18.4205,
8.0047

Harmonies

Analogous

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



74.4718, 76.5195, 86.4259



74.7817, 76.5195, 83.5014



74.5373, 76.5195, 80.5952

Triad

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



74.7817, 76.5195, 83.5014



71.7729, 76.5195, 78.2864



71.6623, 76.5195, 88.3660

Complementary

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



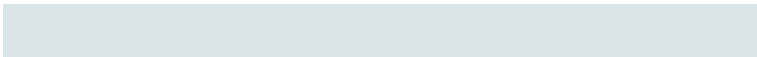
74.7817, 76.5195, 83.5014



75.0171, 81.0921, 88.0463

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.



70.9512, 76.5195, 86.0988



74.7817, 76.5195, 83.5014



71.0146, 76.5195, 80.2830

Square

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



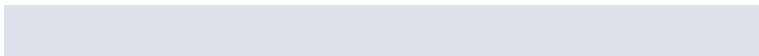
74.7817, 76.5195, 83.5014



72.7939, 76.5195, 77.6284



70.7152, 76.5195, 83.1323



72.6651, 76.5195, 89.2764

Rectangle

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



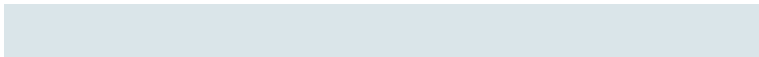
74.7817, 76.5195, 83.5014



74.0942, 76.5195, 79.0497



70.7152, 76.5195, 83.1323



71.3816, 76.5195, 87.7346

Sweetspot

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



74.7839, 76.5228, 83.5031



93.9446, 98.2649, 107.0651



74.8944, 76.4492, 89.4070



20.1197, 21.0510, 22.9357



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.



74.7839, 76.5228, 83.5031



88.6211, 89.9274, 98.1705



75.0186, 77.6485, 81.5587



15.7419, 15.9139, 17.3753



19.6292, 10.0544, 3.8487



1.5806, 0.8052, 0.5089

Inverse Universe

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



74.7839, 76.5228, 83.5031



88.6211, 89.9274, 98.1705



74.7689, 79.9087, 90.0814



15.7419, 15.9139, 17.3753



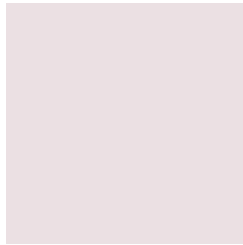
19.6292, 10.0544, 3.8487



1.5806, 0.8052, 0.5089

Previews

White Background



This preview shows how the XYZ color 74.7817, 76.5195, 83.5014 looks on a white background.

Color Contrast Check

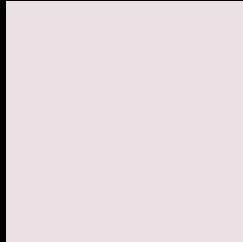
Large Text (above 18pt) WCAG AA × Fail

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 74.7817, 76.5195, 83.5014 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

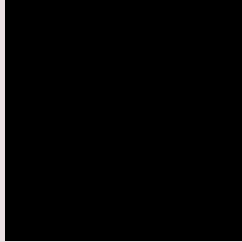
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

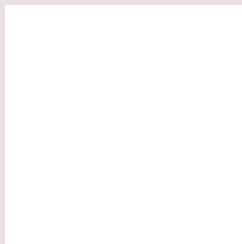
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.7817, 76.5195, 83.5014

Background



This preview shows how black text looks on a background with the XYZ color 74.7817, 76.5195, 83.5014.

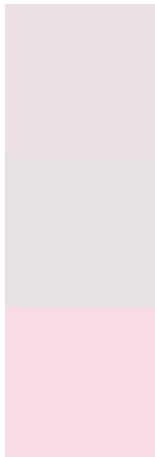


This preview shows how white text looks on a background with the XYZ color 74.7817, 76.5195,

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

74.7817, 76.5195, 83.5014

Protanopia

73.8331, 76.8171, 84.3346

Deuteranopia

78.0465, 76.2209, 83.9974



Tritanopia

76.7745, 76.5383, 93.1650

Trichromacy



Original Color

74.7817, 76.5195, 83.5014

Protanomaly

74.2075, 76.6077, 84.2744

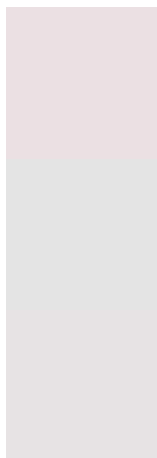
Deuteranomaly

76.8222, 76.3690, 84.0905

Tritanomaly

75.9751, 76.6064, 89.3795

Monochromacy



Original Color

74.7817, 76.5195, 83.5014

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

74.4277, 77.5285, 84.4405

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.7817, 76.5195, 83.5014 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(235, 224, 227) looks like.

```
.text, #text, p{  
    color:rgb(235, 224, 227)  
}
```

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(235, 224, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 224, 227) }
```

Border

The CSS property to change the border of an element to XYZ 74.7817, 76.5195, 83.5014 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(235, 224, 227) }
```


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

```
.border{ border-color:rgb(235, 224, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 224, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 224, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 224, 227);  
box-shadow:4px 4px 4px 4px rgb(235, 224,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 74.7817, 76.5195, 83.5014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 224, 227) }
```

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

```
.background{ background-color: rgb(235,  
224, 227) }
```

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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