

Converting Colors

XYZ(71.4777, 74.6993, 81.7216)

Have a look what the booklet for
XYZ(71.4777, 74.6993, 81.7216)
contains.

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Color

**XYZ(71.6103, 74.9163,
81.9202)**

Conversions

Conversions Part 1

Format	Color
Hex	E2E0E1
RGB	226, 224, 225
RGB Percent	89%, 88%, 88%
CMY	0.1137, 0.1215, 0.1176
CMYK	0.00, 0.01, 0.00, 0.11
HSL	330°, 3%, 88%
HSV	330°, 1%, 89%
XYZ	71.6103, 74.9163, 81.9202
YIQ	224.7120, 0.8710, 0.7350

Conversions

Conversions Part 2

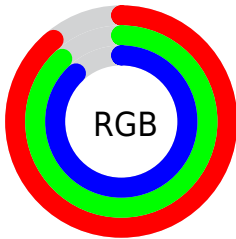
Format	Color
R _Y B	226, 224, 225
Decimal	14868705
CIE Lab	89.35, 0.86, -0.26
CIE LCh	89, 0.897, 343.227
Yxy	74.9163, 0.3135, 0.3279
Android (android.graphics.Color)	4293058785 (0xFFE2E0E1)
YUV	224.7120, 0.1420, 1.1296
Hunter-Lab	86.5542, -3.7885, 4.4723

Details

The XYZ color **71.6103, 74.9163, 81.9202** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.5302, 75.6782, 82.0753**, and the grayscale version is **71.3617, 75.0780, 81.7600**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.2383, 39.9361, 43.7233** is the 20% darker color. If you saturate the color by 10%, you get **64.4426, 62.9702, 72.1626**, and if you desaturate by 10%, it is **79.6920, 88.5244, 92.4896**.

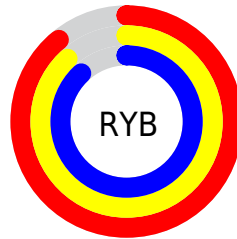
Distribution



Red (89%)

Green (88%)

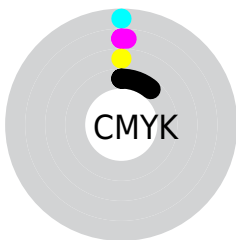
Blue (88%)



Red (89%)

Yellow (88%)

Blue (88%)

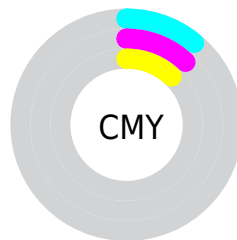


Cyan (0%)

Magenta (1%)

Yellow (0%)

Black (11%)



Cyan (11%)

Magenta (12%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.6103, 74.9163, 81.9202 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 71.6103, 74.9163, 81.9202 by changing the saturation by 10% instead.

■ 71.6103, 74.9163,
81.9202

■ 71.6103, 74.9163,
81.9202

455.3628,
477.6298, 521.2572

■ 53.1247, 55.5443,
60.7643

120.5161,
126.1939, 137.8978

■ 38.1302, 39.8377,
43.6057

151.6671,
158.8683, 173.5565

■ 26.2614, 27.4120,
30.0257

187.7705,
196.7456, 214.8867

■ 17.1530, 17.8829,
19.6059

229.1918,
240.2102, 262.3068

■ 10.4396, 10.8660,
11.9277

276.2964,
289.6466, 316.2353

■ 5.7559, 5.9768,
6.5725

329.4495,

■ 2.7365, 2.8310,

345.4390, 377.0909

3.1219

389.0165,
407.9720, 445.2920

■ 1.0160, 1.0441,
1.1572

■ 0.0000, 0.0000,
0.0000

■ 71.6103, 74.9163,
81.9202

■ 71.6103, 74.9163,
81.9202

■ 64.4426, 62.9702,
72.1626

■ 79.6920, 88.5244,
92.4896

■ 58.1489, 52.6124,
63.1910

■ 84.0125, 94.4442,
102.3190

■ 52.6956, 43.7780,
54.9850

■ 85.1745, 94.9090,
108.4378

■ 48.0445, 36.3939,
47.5217

■ 44.1543, 30.3808,
40.7765

■ 40.9797, 25.6519,
34.7234

■ 38.4705, 22.1103,
29.3340

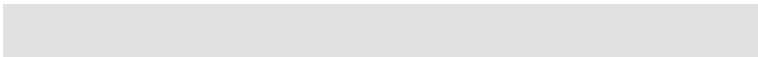
■ 36.5692, 19.6450,
24.5774

■ 35.2076, 18.1238,
20.4183

Harmonies

Analogous

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



71.4950, 74.9163, 82.4545



71.6103, 74.9163, 81.9202



71.6171, 74.9163, 81.2950

Triad

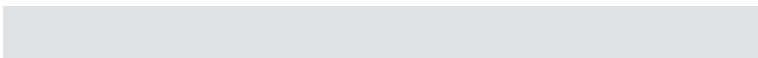
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.6103, 74.9163, 81.9202



71.1092, 74.9163, 80.4008



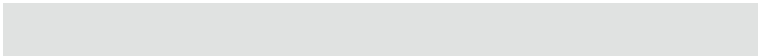
70.8988, 74.9163, 82.4012

Complementary

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



71.6103, 74.9163, 81.9202



71.5302, 75.6782, 82.0753

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.



70.7959, 74.9163, 81.8478



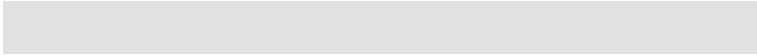
71.6103, 74.9163, 81.9202



70.9172, 74.9163, 80.6941

Square

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



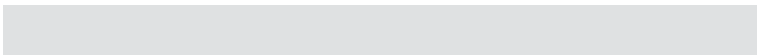
71.6103, 74.9163, 81.9202



71.3275, 74.9163, 80.4200



70.8026, 74.9163, 81.2230



71.0840, 74.9163, 82.7332

Rectangle

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



71.6103, 74.9163, 81.9202



71.5591, 74.9163, 80.9110



70.8026, 74.9163, 81.2230



70.8535, 74.9163, 82.2348

Sweetspot

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



71.6124, 74.9195, 81.9218

95.0500, 100.0000, 108.9000



71.4372, 74.8134, 82.6279



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

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



71.6124, 74.9195, 81.9218



94.0369, 98.3018, 107.5511



71.4769, 74.8653, 81.2080



15.3050, 16.0056, 17.5065



19.6468, 9.9257, 10.0720



1.4070, 0.7061, 0.9361

Inverse Universe

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



71.6124, 74.9195, 81.9218



94.0369, 98.3018, 107.5511



71.6666, 75.7327, 82.7932



15.3050, 16.0056, 17.5065



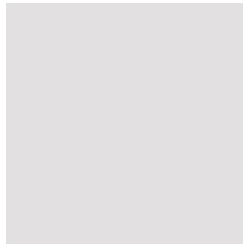
19.6468, 9.9257, 10.0720



1.4070, 0.7061, 0.9361

Previews

White Background



This preview shows how the XYZ color 71.6103, 74.9163, 81.9202 looks on a white background.

Color Contrast Check

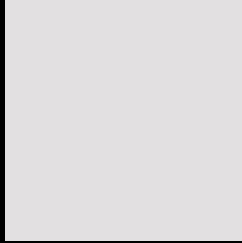
Large Text (above 18pt) WCAG AA × Fail

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 71.6103, 74.9163, 81.9202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

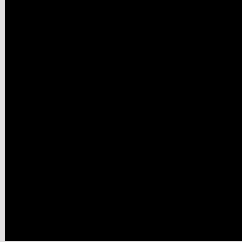
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

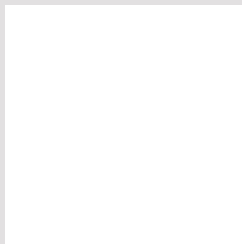
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.6103, 74.9163, 81.9202

Background



This preview shows how black text looks on a background with the XYZ color 71.6103, 74.9163, 81.9202.

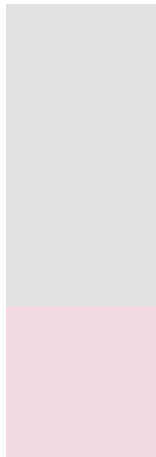


This preview shows how white text looks on a background with the XYZ color 71.6103, 74.9163,

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

71.6103, 74.9163, 81.9202

Protanopia

71.9732, 74.7056, 81.8604

Deuteranopia

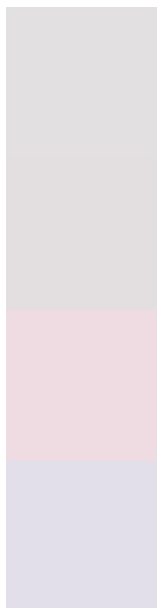
76.1965, 74.5292, 82.3211



Tritanopia

73.6962, 74.9685, 92.2475

Trichromacy



Original Color

71.6103, 74.9163, 81.9202

Protanomaly

71.6568, 74.5425, 81.8456

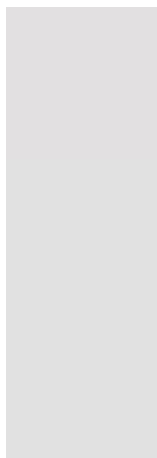
Deuteranomaly

74.5806, 74.8545, 82.4691

Tritanomaly

72.9175, 75.0468, 88.4842

Monochromacy



Original Color

71.6103, 74.9163, 81.9202

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

71.5672, 75.2942, 81.9954

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.6103, 74.9163, 81.9202 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(226, 224, 225) looks like.

```
.text, #text, p{  
    color:rgb(226, 224, 225)  
}
```

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(226, 224, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 224, 225) }
```

Border

The CSS property to change the border of an element to XYZ 71.6103, 74.9163, 81.9202 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(226, 224, 225) }
```

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

```
.border{ border-color:rgb(226, 224, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 224, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 224, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 224, 225);  
box-shadow:4px 4px 4px 4px rgb(226, 224,  
225) }
```


Background

The CSS property to change the background color of an element to XYZ 71.6103, 74.9163, 81.9202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 224, 225) }
```

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

```
.background{ background-color: rgb(226,  
224, 225) }
```

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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