

Converting Colors

XYZ(66.8973, 67.4430, 70.9249)

Have a look what the booklet for
XYZ(66.8973, 67.4430, 70.9249)
contains.

XYZ(66.7994, 67.2903, 71.0956)	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(66.7994, 67.2903,
71.0956)**

Conversions

Conversions Part 1

Format	Color
Hex	E4D2D3
RGB	228, 210, 211
RGB Percent	89%, 82%, 83%
CMY	0.1059, 0.1764, 0.1725
CMYK	0.00, 0.08, 0.07, 0.11
HSL	357°, 25%, 86%
HSV	357°, 8%, 89%
XYZ	66.7994, 67.2903, 71.0956
YIQ	215.4960, 10.4070, 4.1270

Conversions

Conversions Part 2

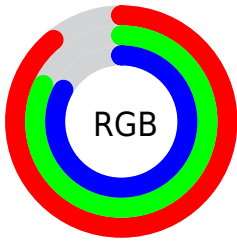
Format	Color
R _Y B	228, 210, 211
Decimal	14996179
CIE Lab	85.65, 6.40, 1.75
CIE LCh	86, 6.631, 15.296
Yxy	67.2903, 0.3256, 0.3279
Android (android.graphics.Color)	4293186259 (0xFFE4D2D3)
YUV	215.4960, -2.2165, 10.9660
Hunter-Lab	82.0307, 1.8029, 6.0351

Details

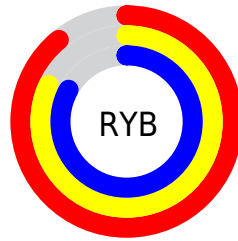
The XYZ color **66.7994, 67.2903, 71.0956** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.1895, 74.7363, 83.5084**, and the grayscale version is **64.9388, 68.3206, 74.4012**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.2079, 35.0955, 36.8167** is the 20% darker color. If you saturate the color by 10%, you get **59.0449, 55.8163, 56.0698**, and if you desaturate by 10%, it is **75.7215, 80.5189, 88.2971**.

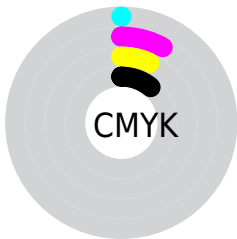
Distribution



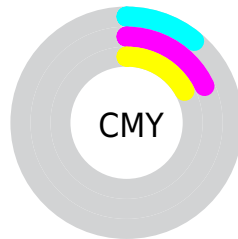
- Red (89%)
- Green (82%)
- Blue (83%)



- Red (89%)
- Yellow (82%)
- Blue (83%)



- Cyan (0%)
- Magenta (8%)
- Yellow (7%)
- Black (11%)



- Cyan (11%)
- Magenta (18%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.7994, 67.2903, 71.0956 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 66.7994, 67.2903, 71.0956 by changing the saturation by 10% instead.

66.7994, 67.2903,
71.0956

66.7994, 67.2903,
71.0956

438.6741,
450.9774, 483.2802

49.1917, 49.3206,
51.9379

113.6843,
115.3363, 122.4656

34.9868, 34.8739,
36.5737

143.6923,
146.1813, 155.5149

23.8191, 23.5657,
24.5844

178.5643,
182.0870, 194.0319

15.3235, 15.0118,
15.5515

218.6659,
223.4375, 238.4351

9.1345, 8.8277,
9.0564

264.3623,
270.6175, 289.1429

4.8869, 4.6289,
4.6807

316.0189,

2.2151, 2.0312,

324.0112, 346.5740

2.0057

374.0010,
384.0030, 411.1470

■ 0.7507, 0.6255,
0.5588

■ 0.0000, 0.0000,
0.0000

■ 66.7994, 67.2903,
71.0956

■ 66.7994, 67.2903,
71.0956

■ 59.0449, 55.8163,
56.0698

■ 75.7215, 80.5189,
88.2971

■ 52.4043, 46.0147,
43.1289

■ 85.6572, 95.1749,
107.6872

■ 46.8281, 37.8102,
32.1822

■ 85.8053, 95.2342,
108.4674

■ 42.2610, 31.1182,
23.1304

■ 38.6424, 25.8463,
15.8660

■ 35.9057, 21.8919,
10.2704

■ 33.9751, 19.1389,
6.2110

■ 32.7624, 17.4505,
3.5347

■ 32.1499, 16.6395,
2.0541

Harmonies

Analogous

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



66.8074, 67.2903, 75.3988



66.7994, 67.2903, 71.0956



66.0219, 67.2903, 67.5144

Triad

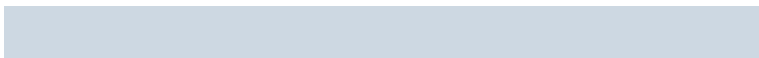
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



66.7994, 67.2903, 71.0956



61.9157, 67.2903, 67.5721



63.2232, 67.2903, 81.6095

Complementary

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



66.7994, 67.2903, 71.0956



68.1895, 74.7363, 83.5084

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.



61.9365, 67.2903, 79.3389



66.7994, 67.2903, 71.0956



61.1896, 67.2903, 71.1771

Square

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



66.7994, 67.2903, 71.0956



63.1944, 67.2903, 65.5353



61.1972, 67.2903, 75.4836



64.7265, 67.2903, 81.5856

Rectangle

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



66.7994, 67.2903, 71.0956



65.1787, 67.2903, 65.9693



61.1972, 67.2903, 75.4836



62.7515, 67.2903, 81.0855

Sweetspot

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



66.8013, 67.2932, 71.0970



92.6785, 96.4827, 104.3307



68.6677, 67.9960, 82.9051



19.8618, 20.6881, 22.3789



0.0000, 0.0000, 0.0000



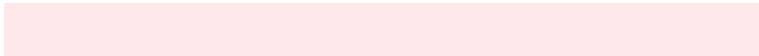
20.3446, 21.4041, 23.3091

Same Dimension

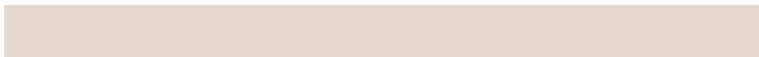
The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.8013, 67.2932, 71.0970



84.8645, 84.9029, 89.2459



68.6493, 71.1886, 71.0988



14.4092, 14.3809, 15.0891



18.5292, 9.5459, 1.1497



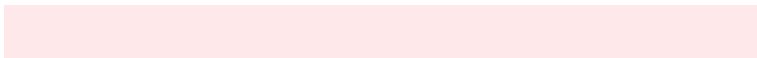
1.3807, 0.7100, 0.1453

Inverse Universe

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



66.8013, 67.2932, 71.0970



84.8645, 84.9029, 89.2459



66.2302, 70.5970, 83.5356



14.4092, 14.3809, 15.0891



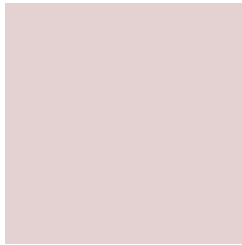
18.5292, 9.5459, 1.1497



1.3807, 0.7100, 0.1453

Previews

White Background



This preview shows how the XYZ color 66.7994, 67.2903, 71.0956 looks on a white background.

Color Contrast Check

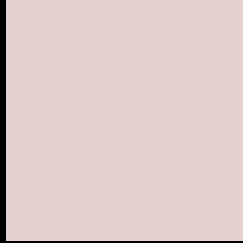
Large Text (above 18pt) WCAG AA × Fail

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 66.7994, 67.2903, 71.0956 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

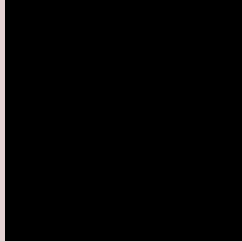
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

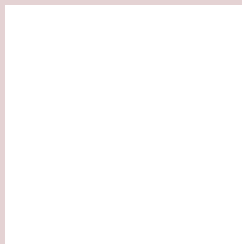
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.7994, 67.2903, 71.0956

Background



This preview shows how black text looks on a background with the XYZ color 66.7994, 67.2903, 71.0956.



This preview shows how white text looks on a background with the XYZ color 66.7994, 67.2903,

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

66.7994, 67.2903, 71.0956

Protanopia

64.7179, 67.2980, 72.5296

Deuteranopia

68.7886, 67.2120, 71.6350



Tritanopia

68.6435, 67.3166, 79.8965

Trichromacy



Original Color

66.7994, 67.2903, 71.0956

Protanomaly

65.5513, 67.3700, 71.8361

Deuteranomaly

68.0438, 67.1889, 71.6698

Tritanomaly

67.8997, 67.3734, 76.4435

Monochromacy



Original Color

66.7994, 67.2903, 71.0956

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

65.4470, 67.6592, 73.2284

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.7994, 67.2903, 71.0956 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(228, 210, 211)` looks like.

```
.text, #text, p{  
    color:rgb(228, 210, 211)  
}
```

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(228, 210, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 210, 211) }
```

Border

The CSS property to change the border of an element to XYZ 66.7994, 67.2903, 71.0956 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(228, 210, 211) }
```


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

```
.border{ border-color:rgb(228, 210, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 210, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 210, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 210, 211);  
box-shadow:4px 4px 4px 4px rgb(228, 210,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 66.7994, 67.2903, 71.0956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 210, 211) }
```

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

```
.background{ background-color: rgb(228,  
210, 211) }
```

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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