

Converting Colors

XYZ(69.0108, 71.8019, 78.1138)

Have a look what the booklet for
XYZ(69.0108, 71.8019, 78.1138)
contains.

| | |
|--|----|
| XYZ(68.9903, 71.6776, 77.9091) | 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(68.9903, 71.6776,
77.9091)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | E0DBDC |
| RGB | 224, 219, 220 |
| RGB Percent | 88%, 86%, 86% |
| CMY | 0.1216, 0.1412, 0.1372 |
| CMYK | 0.00, 0.02, 0.02, 0.12 |
| HSL | 348°, 7%, 87% |
| HSV | 348°, 2%, 88% |
| XYZ | 68.9903, 71.6776, 77.9091 |
| YIQ | 220.6090, 2.6590, 1.3710 |

Conversions

Conversions Part 2

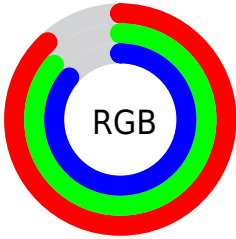
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 224, 219, 220 |
| Decimal | 14736348 |
| CIE Lab | 87.81, 1.88, 0.10 |
| CIE LCh | 88, 1.884, 3.156 |
| Yxy | 71.6776, 0.3156, 0.3279 |
| Android (android.graphics.Color) | 4292926428 (0xFFE0DBDC) |
| YUV | 220.6090, -0.3002, 2.9739 |
| Hunter-Lab | 84.6626, -2.7026, 4.7034 |

Details

The XYZ color **68.9903, 71.6776, 77.9091** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.1911, 73.7011, 80.3948**, and the grayscale version is **68.4556, 72.0206, 78.4305**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.4292, 37.7025, 40.9546** is the 20% darker color. If you saturate the color by 10%, you get **61.2864, 59.8684, 64.2449**, and if you desaturate by 10%, it is **77.7395, 85.1676, 93.1806**.

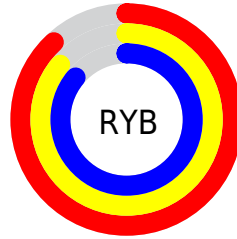
Distribution



Red (88%)

Green (86%)

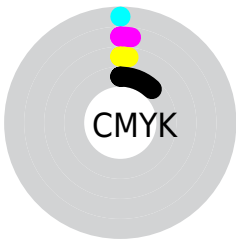
Blue (86%)



Red (88%)

Yellow (86%)

Blue (86%)

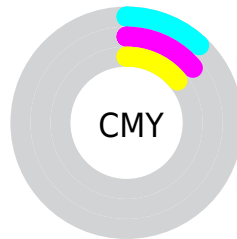


Cyan (0%)

Magenta (2%)

Yellow (2%)

Black (12%)



Cyan (12%)

Magenta (14%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.9903, 71.6776, 77.9091 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 68.9903, 71.6776, 77.9091 by changing the saturation by 10% instead.

■ 68.9903, 71.6776,
77.9091

■ 68.9903, 71.6776,
77.9091

446.3187,
466.4187, 507.3778

■ 50.9804, 52.8954,
57.4833

116.8019,
121.5981, 132.2067

■ 36.4140, 37.7192,
40.9815

147.3343,
153.5050, 166.9155

■ 24.9257, 25.7649,
27.9850

182.7715,
190.5557, 207.2225

■ 16.1501, 16.6478,
18.0754

223.4791,
233.1346, 253.5461

■ 9.7220, 9.9837,
10.8341

269.8222,
281.6259, 306.3049

■ 5.2759, 5.3882,
5.8426

322.1663,

■ 2.4464, 2.4768,

336.4140, 365.9174

2.6824

380.8766,
397.8835, 432.8022

■ 0.8683, 0.8650,
0.9345

■ 0.0000, 0.0000,
0.0000

■ 68.9903, 71.6776,
77.9091

■ 68.9903, 71.6776,
77.9091

■ 61.2864, 59.8684,
64.2449

■ 77.7395, 85.1676,
93.1806

■ 54.5825, 49.6652,
52.1308

■ 84.5510, 94.5876,
108.4087

■ 48.8389, 41.0012,
41.5130

■ 44.0111, 33.8015,
32.3327

■ 40.0508, 27.9845,
24.5274

■ 36.9054, 23.4612,
18.0296

■ 34.5161, 20.1316,
12.7664

■ 32.8163, 17.8812,
8.6568

■ 31.7268, 16.5727,
5.6101

Harmonies

Analogous

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



68.8981, 71.6776, 79.1629



68.9903, 71.6776, 77.9091



68.8504, 71.6776, 76.7045

Triad

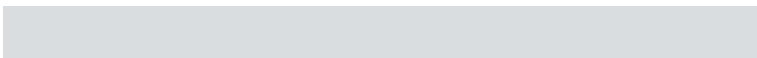
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



68.9903, 71.6776, 77.9091



67.6578, 71.6776, 75.9995



67.7395, 71.6776, 80.2645

Complementary

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



68.9903, 71.6776, 77.9091



69.1911, 73.7011, 80.3948

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.



67.4095, 71.6776, 79.4005



68.9903, 71.6776, 77.9091



67.3624, 71.6776, 76.9371

Square

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



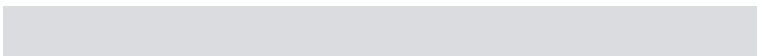
68.9903, 71.6776, 77.9091



68.0800, 71.6776, 75.6096



67.2717, 71.6776, 78.1805



68.1748, 71.6776, 80.5316

Rectangle

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



68.9903, 71.6776, 77.9091



68.6447, 71.6776, 76.0889



67.2717, 71.6776, 78.1805



67.6127, 71.6776, 80.0338

Sweetspot

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



68.9923, 71.6807, 77.9107



93.9149, 98.2530, 106.9087



69.2198, 71.7360, 80.7204



20.1136, 21.0486, 22.9039



0.0000, 0.0000, 0.0000



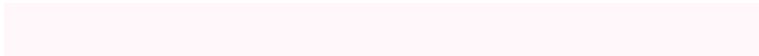
20.3446, 21.4041, 23.3091

Same Dimension

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



68.9923, 71.6807, 77.9107



91.6874, 94.8276, 102.9918



69.2536, 72.4137, 77.3486



14.7790, 15.2180, 16.5157



18.1978, 9.3461, 2.4415



1.2932, 0.6605, 0.3368

Inverse Universe

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



68.9923, 71.6807, 77.9107



91.6874, 94.8276, 102.9918



68.9248, 72.9528, 80.9708



14.7790, 15.2180, 16.5157



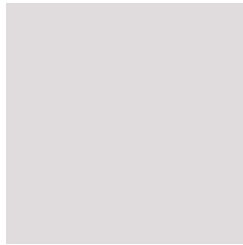
18.1978, 9.3461, 2.4415



1.2932, 0.6605, 0.3368

Previews

White Background



This preview shows how the XYZ color 68.9903, 71.6776, 77.9091 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 68.9903, 71.6776, 77.9091 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

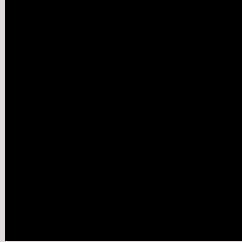
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

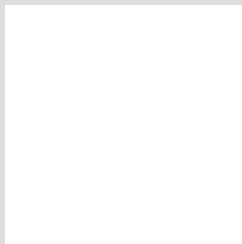
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 68.9903, 71.6776, 77.9091

Background



This preview shows how black text looks on a background with the XYZ color 68.9903, 71.6776, 77.9091.

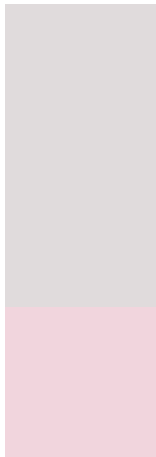


This preview shows how white text looks on a background with the XYZ color 68.9903, 71.6776,

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

68.9903, 71.6776, 77.9091

Protanopia

68.9903, 71.6776, 77.9091

Deuteranopia

73.1210, 71.5097, 78.3555



Tritanopia

71.0282, 71.7350, 87.9445

Trichromacy



Original Color

68.9903, 71.6776, 77.9091

Protanomaly

68.9903, 71.6776, 77.9091

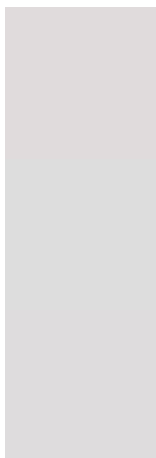
Deuteranomaly

71.6125, 71.4835, 78.4299

Tritanomaly

70.2656, 71.8075, 84.2856

Monochromacy



Original Color

68.9903, 71.6776, 77.9091

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

68.7685, 71.9365, 78.6672

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.9903, 71.6776, 77.9091 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(224, 219, 220) looks like.

```
.text, #text, p{  
    color:rgb(224, 219, 220)  
}
```

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(224, 219, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 219, 220) }
```

Border

The CSS property to change the border of an element to XYZ 68.9903, 71.6776, 77.9091 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(224, 219, 220) }
```


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

```
.border{ border-color:rgb(224, 219, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 219, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 219, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 219, 220);  
box-shadow:4px 4px 4px 4px rgb(224, 219,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 68.9903, 71.6776, 77.9091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 219, 220) }
```

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

```
.background{ background-color: rgb(224,  
219, 220) }
```

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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