

Converting Colors

XYZ(70.6123, 66.3950, 51.7297)

Have a look what the booklet for
XYZ(70.6123, 66.3950, 51.7297)
contains.

XYZ(70.2633, 66.2880, 51.7394)	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(70.2633, 66.2880,
51.7394)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC9B3
RGB	255, 201, 179
RGB Percent	100%, 79%, 70%
CMY	0.0000, 0.2117, 0.2980
CMYK	0.00, 0.21, 0.30, 0.00
HSL	17°, 100%, 85%
HSV	17°, 30%, 100%
XYZ	70.2633, 66.2880, 51.7394
YIQ	214.6380, 39.2460, 4.6060

Conversions

Conversions Part 2

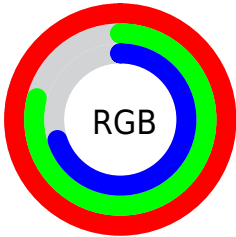
Format	Color
R _Y B	255, 210, 179
Decimal	16763315
CIE Lab	85.14, 16.14, 18.32
CIE LCh	85, 24.410, 48.618
Yxy	66.2880, 0.3732, 0.3521
Android (android.graphics.Color)	4294953395 (0xFFFFC9B3)
YUV	214.6380, -17.5695, 35.3975
Hunter-Lab	81.4174, 11.5651, 19.3144

Details

The XYZ color **70.2633, 66.2880, 51.7394** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **65.7783, 75.0789, 105.6325**, and the grayscale version is **64.4444, 67.8006, 73.8348**.

A 20% lighter version of the original color is **91.9954, 98.7782, 92.8147**, and **37.2256, 34.2441, 24.3864** is the 20% darker color. If you saturate the color by 10%, you get **63.9421, 57.3981, 38.0635**, and if you desaturate by 10%, it is **77.5630, 76.3711, 68.0957**.

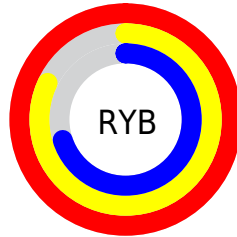
Distribution



Red (100%)

Green (79%)

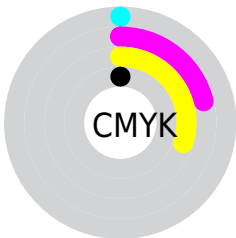
Blue (70%)



Red (100%)

Yellow (82%)

Blue (70%)

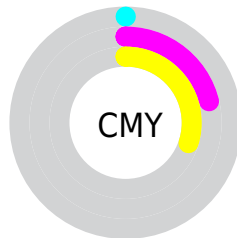


Cyan (0%)

Magenta (21%)

Yellow (30%)

Black (0%)



Cyan (0%)


Magenta (21%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.2633, 66.2880, 51.7394 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 70.2633, 66.2880, 51.7394 by changing the saturation by 10% instead.


 70.2633, 66.2880,
51.7394

 70.2633, 66.2880,
51.7394


450.7260,
447.4062, 410.3580

 52.0216, 48.5062,
36.4166


 118.6084,
113.8996, 94.1695

 37.2466, 34.2280,
24.4639

149.4425,
144.4982, 122.1138

 25.5730, 23.0688,
15.4627


185.2047,
180.1379, 155.1024

 16.6355, 14.6443,
8.9945

226.2605,
221.2030, 193.5538

 10.0686, 8.5701,
4.6409

272.9752,
268.0780, 237.8865

 5.5071, 4.4619,
1.9831

325.7141,

 2.5855, 1.9351,

321.1473, 288.5190

0.5449

384.8425,
380.7952, 345.8700

■ 0.9386, 0.5694,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 70.2633, 66.2880,
51.7394

■ 70.2633, 66.2880,
51.7394

■ 63.9421, 57.3981,
38.0635

■ 77.5630, 76.3711,
68.0957

■ 58.5507, 49.6471,
26.9195

■ 85.8768, 87.6806,
87.2619

■ 54.0436, 42.9901,
18.1507

95.0500, 100.0000,
108.9000

■ 50.3694, 37.3755,
11.5809

■ 47.4704, 32.7469,
7.0091

■ 45.2803, 29.0422,
4.1965

■ 43.7043, 26.1841,
2.7650

■ 43.6777, 26.1354,
2.7426

Harmonies

Analogous

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



73.5758, 66.2880, 62.9258



70.2633, 66.2880, 51.7394



65.1166, 66.2880, 46.3537

Triad

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



70.2633, 66.2880, 51.7394



53.1887, 66.2880, 66.3584



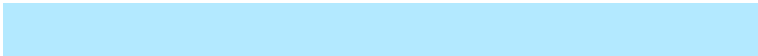
66.4443, 66.2880, 104.8788

Complementary

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



70.2633, 66.2880, 51.7394



65.7783, 75.0789, 105.6325

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.



60.9391, 66.2880, 106.1540



70.2633, 66.2880, 51.7394



53.4981, 66.2880, 82.2918

Square

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



70.2633, 66.2880, 51.7394



55.3929, 66.2880, 53.9363



56.2642, 66.2880, 97.3905



71.2839, 66.2880, 94.1248

Rectangle

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



70.2633, 66.2880, 51.7394



61.4322, 66.2880, 46.1650



56.2642, 66.2880, 97.3905



64.6039, 66.2880, 106.4827

Sweetspot

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



70.2650, 66.2911, 51.7407



86.5899, 88.6436, 88.9273



72.1352, 59.4108, 85.1066



18.2584, 18.6013, 18.3915



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.



70.2650, 66.2911, 51.7407



66.2347, 60.6433, 42.9587



80.1070, 85.9750, 55.0214



18.4378, 18.8437, 18.8098



22.9329, 13.8770, 1.4698



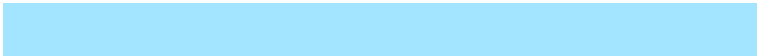
2.3219, 1.5293, 0.1728

Inverse Universe

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



65.7783, 75.0789, 105.6325



61.0543, 70.7457, 105.0451



56.2609, 56.0441, 102.4601



18.0845, 19.5406, 23.0685



18.2180, 21.3456, 52.5945



1.8679, 2.2664, 5.1523

Previews

White Background



This preview shows how the XYZ color 70.2633, 66.2880, 51.7394 looks on a white background.

Color Contrast Check

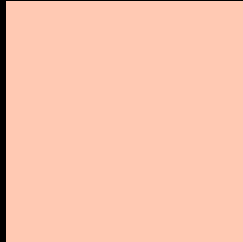
Large Text (above 18pt) WCAG AA × Fail

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 70.2633, 66.2880, 51.7394 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 70.2633, 66.2880, 51.7394

Background



This preview shows how black text looks on a background with the XYZ color 70.2633, 66.2880, 51.7394.



This preview shows how white text looks on a background with the XYZ color 70.2633, 66.2880,

51.7394.

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

70.2633, 66.2880, 51.7394

Protanopia

62.7319, 66.2777, 55.3855

Deuteranopia

67.8732, 66.4698, 51.3721



Tritanopia

73.3177, 66.4016, 71.2399

Trichromacy



Original Color

70.2633, 66.2880, 51.7394

Protanomaly

65.3641, 66.1928, 54.1312

Deuteranomaly

68.6957, 66.5398, 51.3423

Tritanomaly

72.0888, 66.2770, 63.6368

Monochromacy



Original Color

70.2633, 66.2880, 51.7394

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

66.3404, 67.1804, 65.3477

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.2633, 66.2880, 51.7394 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(255, 201, 179)` looks like.

```
.text, #text, p{  
    color:rgb(255, 201, 179)  
}
```

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(255, 201, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 201, 179) }
```

Border

The CSS property to change the border of an element to XYZ 70.2633, 66.2880, 51.7394 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(255, 201, 179) }
```


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

```
.border{ border-color:rgb(255, 201, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 201, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 201, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 201, 179);  
box-shadow:4px 4px 4px 4px rgb(255, 201,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 70.2633, 66.2880, 51.7394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 201, 179) }
```

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

```
.background{ background-color: rgb(255,  
201, 179) }
```

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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