

Converting Colors

XYZ(53.0998, 52.5696, 63.8219)

Have a look what the booklet for
XYZ(53.0998, 52.5696, 63.8219)
contains.

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Color

**XYZ(53.1784, 52.5490,
63.8401)**

Conversions

Conversions Part 1

Format	Color
Hex	CBBBCB
RGB	203, 187, 203
RGB Percent	80%, 73%, 80%
CMY	0.2039, 0.2666, 0.2039
CMYK	0.00, 0.08, 0.00, 0.20
HSL	300°, 13%, 76%
HSV	300°, 8%, 80%
XYZ	53.1784, 52.5490, 63.8401
YIQ	193.6080, 4.4000, 8.3680

Conversions

Conversions Part 2

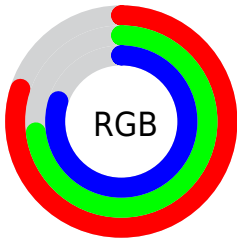
Format	Color
R _Y B	203, 187, 203
Decimal	13351883
CIE Lab	77.61, 8.52, -6.00
CIE LCh	78, 10.423, 324.846
Yxy	52.5490, 0.3136, 0.3099
Android (android.graphics.Color)	4291541963 (0xFFCBBBCB)
YUV	193.6080, 4.6303, 8.2368
Hunter-Lab	72.4907, 4.0870, -1.4712

Details

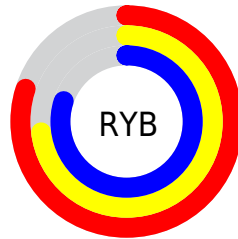
The XYZ color **53.1784, 52.5490, 63.8401** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.8212, 56.8660, 55.3141**, and the grayscale version is **51.0196, 53.6766, 58.4538**.

A 20% lighter version of the original color is **91.3406, 92.5812, 107.6635**, and **26.3443, 25.6097, 31.9884** is the 20% darker color. If you saturate the color by 10%, you get **49.1732, 44.5379, 62.5057**, and if you desaturate by 10%, it is **57.7954, 61.7822, 65.3797**.

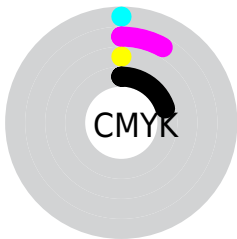
Distribution



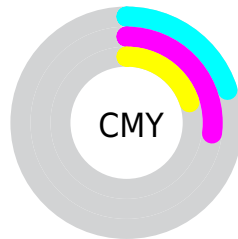
- Red (80%)
- Green (73%)
- Blue (80%)



- Red (80%)
- Yellow (73%)
- Blue (80%)



- Cyan (0%)
- Magenta (8%)
- Yellow (0%)
- Black (20%)



- Cyan (20%)
- Magenta (27%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.1784, 52.5490, 63.8401 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 53.1784, 52.5490, 63.8401 by changing the saturation by 10% instead.

■ 53.1784, 52.5490,
63.8401

■ 53.1784, 52.5490,
63.8401

389.2189,
396.5524, 456.8036

■ 38.1733, 37.4429,
46.0758

■ 94.0308, 93.9404,
111.9779

■ 26.2950, 25.5506,
31.9566

120.6088,
120.9944, 143.1884

■ 17.1783, 16.4877,
21.0638

151.7751,
152.7999, 179.7182

■ 10.4578, 9.8699,
12.9789

187.8951,
189.7412, 221.9857

■ 5.7681, 5.3128,
7.2835

229.3341,
232.2027, 270.4094

■ 2.7439, 2.4319,
3.5589

276.4575,

■ 1.0198, 0.8422,

280.5688, 325.4079

1.3866

329.6306,
335.2239, 387.3998

■ 0.0000, 0.0000,
0.1312

■ 0.0000, 0.0000,
0.0000

■ 53.1784, 52.5490,
63.8401

■ 53.1784, 52.5490,
63.8401

■ 49.1732, 44.5379,
62.5057

■ 57.7954, 61.7822,
65.3797

■ 45.7498, 37.6912,
61.3646

■ 63.0436, 72.2784,
67.1291

■ 42.8826, 31.9569,
60.4089

■ 68.9470, 84.0852,
69.0969

■ 40.5422, 27.2762,
59.6287

■ 71.1688, 88.5286,
69.8375

38.6966, 23.5851,
59.0136

71.1688, 88.5287,
69.8375

37.3103, 20.8124,
58.5514

71.1689, 88.5287,
69.8375

36.3429, 18.8778,
58.2290

71.1689, 88.5287,
69.8375

35.7474, 17.6868,
58.0305

71.1690, 88.5287,
69.8375

35.4548, 17.1017,
57.9330

71.1690, 88.5288,
69.8375

Harmonies

Analogous

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



51.5904, 52.5490, 67.8777



53.1784, 52.5490, 63.8401



53.9015, 52.5490, 58.2185

Triad

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



53.1784, 52.5490, 63.8401



50.2948, 52.5490, 46.8709



46.5154, 52.5490, 62.0026

Complementary

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



53.1784, 52.5490, 63.8401



50.8212, 56.8660, 55.3141

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.



46.1894, 52.5490, 56.2269



53.1784, 52.5490, 63.8401



48.3374, 52.5490, 47.7353

Square

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



53.1784, 52.5490, 63.8401



52.2083, 52.5490, 48.6233



46.8478, 52.5490, 51.0685



47.7505, 52.5490, 66.7678

Rectangle

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



53.1784, 52.5490, 63.8401



53.7821, 52.5490, 54.4232



46.8478, 52.5490, 51.0685



46.2973, 52.5490, 60.1047

Sweetspot

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



53.1799, 52.5513, 63.8412



93.4445, 96.7891, 108.3648



49.1024, 50.5333, 63.6666



20.0178, 20.7505, 23.2001



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.



53.1799, 52.5513, 63.8412



88.1606, 86.2213, 106.6036



52.2812, 52.1918, 59.1083



11.6876, 11.4038, 14.1555



22.5332, 10.8238, 36.8578



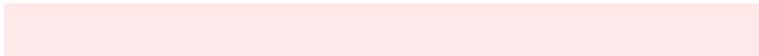
1.1625, 0.5584, 1.9015

Inverse Universe

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



51.3705, 51.8275, 54.3128



84.6833, 84.8304, 88.2920



51.6715, 57.2061, 59.7922



11.2124, 11.2137, 11.6530



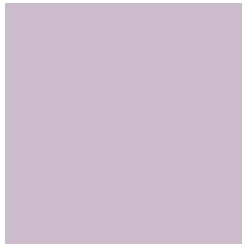
15.6735, 8.0800, 0.7336



0.8086, 0.4168, 0.0379

Previews

White Background



This preview shows how the XYZ color 53.1784, 52.5490, 63.8401 looks on a white background.

Color Contrast Check

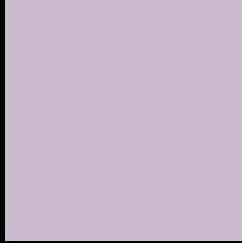
Large Text (above 18pt) WCAG AA × Fail

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 53.1784, 52.5490, 63.8401 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

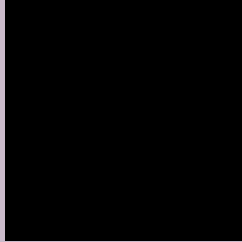
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.1784, 52.5490, 63.8401

Background



This preview shows how black text looks on a background with the XYZ color 53.1784, 52.5490, 63.8401.



This preview shows how white text looks on a background with the XYZ color 53.1784, 52.5490,

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

53.1784, 52.5490, 63.8401

Protanopia

51.1361, 52.7457, 65.2434

Deuteranopia

53.5152, 52.4087, 63.7953



Tritanopia

53.0596, 52.5014, 63.2144

Trichromacy



Original Color

53.1784, 52.5490, 63.8401

Protanomaly

51.8182, 52.7886, 64.5849

Deuteranomaly

53.2402, 52.2670, 63.7824

Tritanomaly

53.0596, 52.5014, 63.2144

Monochromacy



Original Color

53.1784, 52.5490, 63.8401

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

51.7348, 53.1631, 60.3581

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.1784, 52.5490, 63.8401 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(203, 187, 203)` looks like.

```
.text, #text, p{  
    color:rgb(203, 187, 203)  
}
```

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(203, 187, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 187, 203) }
```

Border

The CSS property to change the border of an element to XYZ 53.1784, 52.5490, 63.8401 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(203, 187, 203) }
```


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

```
.border{ border-color:rgb(203, 187, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 187, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 187, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 187, 203);  
box-shadow:4px 4px 4px 4px rgb(203, 187,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 53.1784, 52.5490, 63.8401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 187, 203) }
```

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

```
.background{ background-color: rgb(203,  
187, 203) }
```

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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