

Converting Colors

XYZ(52.6617, 54.0125, 62.9094)

Have a look what the booklet for
XYZ(52.6617, 54.0125, 62.9094)
contains.

XYZ(52.6810, 53.9221, 62.8898)	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(52.6810, 53.9221,
62.8898)**

Conversions

Conversions Part 1

Format	Color
Hex	C6C0C9
RGB	198, 192, 201
RGB Percent	78%, 75%, 79%
CMY	0.2235, 0.2470, 0.2118
CMYK	0.01, 0.04, 0.00, 0.21
HSL	280°, 8%, 77%
HSV	280°, 4%, 79%
XYZ	52.6810, 53.9221, 62.8898
YIQ	194.8200, 0.6870, 4.0710

Conversions

Conversions Part 2

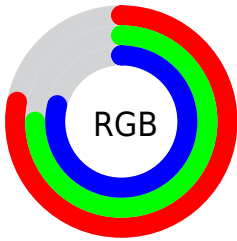
Format	Color
RYB	198, 192, 201
Decimal	13025481
CIELab	78.42, 3.75, -3.77
CIELCh	78, 5.319, 314.821
Yxy	53.9221, 0.3108, 0.3181
Android (android.graphics.Color)	4291215561 (0xFFC6C0C9)
YUV	194.8200, 3.0467, 2.7889
Hunter-Lab	73.4317, -0.4468, 0.6239

Details

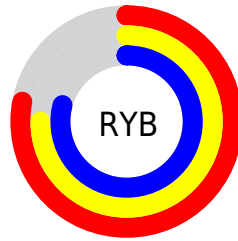
The XYZ color **52.6810, 53.9221, 62.8898** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.9088, 57.1826, 58.1206**, and the grayscale version is **51.7481, 54.4431, 59.2885**.

A 20% lighter version of the original color is **92.8574, 95.6148, 108.1691**, and **26.0007, 26.5011, 31.3486** is the 20% darker color. If you saturate the color by 10%, you get **46.8384, 44.8011, 61.4380**, and if you desaturate by 10%, it is **59.2076, 64.2935, 64.5485**.

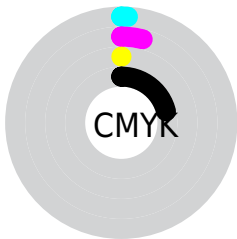
Distribution



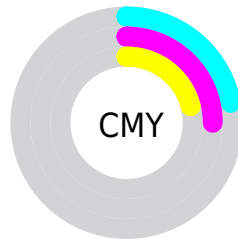
- Red (78%)
- Green (75%)
- Blue (79%)



- Red (78%)
- Yellow (75%)
- Blue (79%)



- Cyan (1%)
- Magenta (4%)
- Yellow (0%)
- Black (21%)



- Cyan (22%)
- Magenta (25%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.6810, 53.9221, 62.8898 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 52.6810, 53.9221, 62.8898 by changing the saturation by 10% instead.

■ 52.6810, 53.9221,
62.8898

■ 52.6810, 53.9221,
62.8898

387.3410,
401.8129, 453.2664

■ 37.7746, 38.5394,
45.3116

■ 93.3031, 95.9599,
110.5946

■ 25.9842, 26.4016,
31.3582

119.7495,
123.3837, 141.5582

■ 16.9445, 17.1243,
20.6110

150.7734,
155.5900, 177.8208

■ 10.2900, 10.3232,
12.6515

186.7400,
192.9632, 219.8008

■ 5.6554, 5.6137,
7.0611

228.0147,
235.8877, 267.9169

■ 2.6753, 2.6117,
3.4213

274.9628,

■ 0.9845, 0.9325,

284.7479, 322.5875

1.3136

327.9498,
339.9282, 384.2311

■ 0.0000, 0.0000,
0.0729

■ 0.0000, 0.0000,
0.0000

■ 52.6810, 53.9221,
62.8898

■ 52.6810, 53.9221,
62.8898

■ 46.8384, 44.8011,
61.4380

■ 59.2076, 64.2935,
64.5485

■ 41.6499, 36.8744,
60.1815

■ 66.4375, 75.9547,
66.4183

■ 37.0901, 30.0921,
59.1127

■ 74.3948, 88.9518,
68.5076

■ 33.1300, 24.3979,
58.2223

■ 77.2949, 91.7141,
68.8879

■ 29.7385, 19.7306,
57.5002

■ 79.4233, 92.8114,
68.9875

■ 26.8808, 16.0228,
56.9351

■ 81.6347, 93.9514,
69.0910

■ 24.5185, 13.1990,
56.5146

■ 83.9298, 95.1345,
69.1984

■ 22.6070, 11.1717,
56.2240

■ 86.3096, 96.3614,
69.3098

■ 21.0924, 9.8351,
56.0459

■ 87.5428, 96.9971,
69.3675

Harmonies

Analogous

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



51.7671, 53.9221, 64.4536



52.6810, 53.9221, 62.8898



53.2154, 53.9221, 60.2320

Triad

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



52.6810, 53.9221, 62.8898



51.7794, 53.9221, 53.3307



49.3330, 53.9221, 60.1965

Complementary

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



52.6810, 53.9221, 62.8898



52.9088, 57.1826, 58.1206

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.



49.3362, 53.9221, 57.2178



52.6810, 53.9221, 62.8898



50.7390, 53.9221, 53.3219

Square

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



52.6810, 53.9221, 62.8898



52.6901, 53.9221, 54.7478



49.8478, 53.9221, 54.7234



49.8390, 53.9221, 62.8631

Rectangle

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



52.6810, 53.9221, 62.8898



53.2801, 53.9221, 58.2297



49.8478, 53.9221, 54.7234



49.2748, 53.9221, 59.1970

Sweetspot

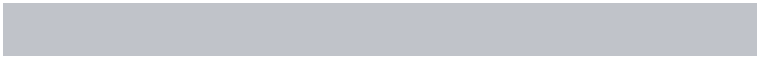
The Sweet Spot groups the original color and five complimentary colors.



52.6826, 53.9244, 62.8910



93.9298, 98.2229, 108.6160



51.8317, 54.5232, 63.0514



20.1167, 21.0425, 23.2513



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.



52.6826, 53.9244, 62.8910



89.5698, 91.3358, 107.5165



53.3231, 54.2729, 62.0958



11.2096, 11.3900, 13.5252



12.9088, 5.8890, 35.2007



0.6857, 0.3173, 1.6702

Inverse Universe

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



52.7893, 54.0594, 59.2846



89.7782, 91.5978, 100.5411



52.2916, 56.8471, 58.8760



11.2389, 11.4267, 12.5527



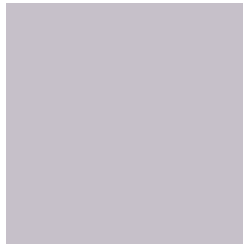
15.8209, 8.0779, 4.2669



0.7829, 0.3960, 0.3799

Previews

White Background



This preview shows how the XYZ color 52.6810, 53.9221, 62.8898 looks on a white background.

Color Contrast Check

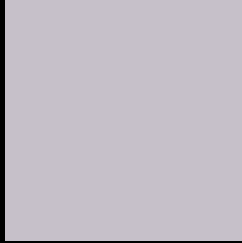
Large Text (above 18pt) WCAG AA × Fail

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 52.6810, 53.9221, 62.8898 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

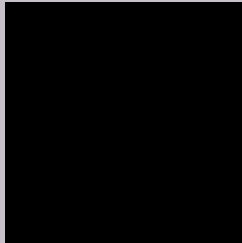
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.6810, 53.9221, 62.8898

Background



This preview shows how black text looks on a background with the XYZ color 52.6810, 53.9221, 62.8898.

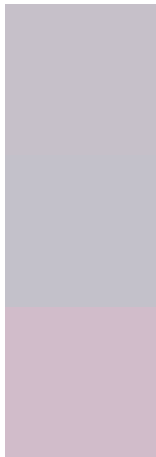


This preview shows how white text looks on a background with the XYZ color 52.6810, 53.9221,

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

52.6810, 53.9221, 62.8898

Protanopia

52.2363, 54.0063, 63.5482

Deuteranopia

54.9384, 53.7860, 63.3633



Tritanopia

53.3246, 53.8599, 65.9780

Trichromacy



Original Color

52.6810, 53.9221, 62.8898

Protanomaly

52.4956, 54.1400, 63.5604

Deuteranomaly

54.0351, 53.6386, 63.3824

Tritanomaly

53.0831, 53.7634, 64.7063

Monochromacy



Original Color

52.6810, 53.9221, 62.8898

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

52.1348, 54.3506, 60.5662

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.6810, 53.9221, 62.8898 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(198, 192, 201) looks like.

```
.text, #text, p{  
    color:rgb(198, 192, 201)  
}
```

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(198, 192, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 192, 201) }
```

Border

The CSS property to change the border of an element to XYZ 52.6810, 53.9221, 62.8898 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(198, 192, 201) }
```


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

```
.border{ border-color:rgb(198, 192, 201) }
```

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

Here you see how a box with a 4 pixel rgb(198, 192, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 192, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 192, 201);  
box-shadow:4px 4px 4px 4px rgb(198, 192,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 52.6810, 53.9221, 62.8898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 192, 201) }
```

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

```
.background{ background-color: rgb(198,  
192, 201) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor