

Converting Colors

XYZ(53.4310, 52.9371, 63.7743)

Have a look what the booklet for
XYZ(53.4310, 52.9371, 63.7743)
contains.

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Color

**XYZ(53.3913, 52.9747,
63.9110)**

Conversions

Conversions Part 1

Format	Color
Hex	CBBCCB
RGB	203, 188, 203
RGB Percent	80%, 74%, 80%
CMY	0.2039, 0.2627, 0.2039
CMYK	0.00, 0.07, 0.00, 0.20
HSL	300°, 13%, 77%
HSV	300°, 7%, 80%
XYZ	53.3913, 52.9747, 63.9110
YIQ	194.1950, 4.1250, 7.8450

Conversions

Conversions Part 2

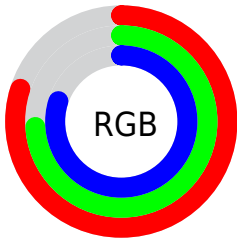
Format	Color
R _Y B	203, 188, 203
Decimal	13352139
CIE Lab	77.86, 7.98, -5.63
CIE LCh	78, 9.769, 324.818
Yxy	52.9747, 0.3136, 0.3111
Android (android.graphics.Color)	4291542219 (0xFFCBBCCB)
YUV	194.1950, 4.3409, 7.7220
Hunter-Lab	72.7837, 3.5691, -1.1136

Details

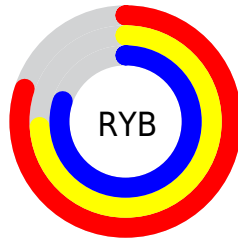
The XYZ color **53.3913, 52.9747, 63.9110** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.1741, 57.0355, 55.8915**, and the grayscale version is **51.3683, 54.0434, 58.8533**.

A 20% lighter version of the original color is **91.6407, 93.1814, 107.7636**, and **26.4832, 25.8874, 32.0347** is the 20% darker color. If you saturate the color by 10%, you get **49.3567, 44.9048, 62.5666**, and if you desaturate by 10%, it is **58.0389, 62.2691, 65.4610**.

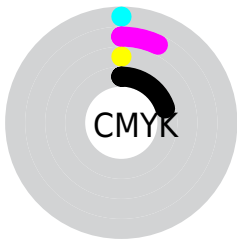
Distribution



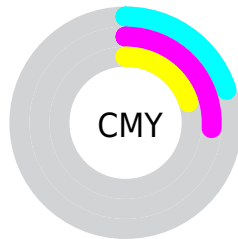
- Red (80%)
- Green (74%)
- Blue (80%)



- Red (80%)
- Yellow (74%)
- Blue (80%)



- Cyan (0%)
- Magenta (7%)
- Yellow (0%)
- Black (20%)



- Cyan (20%)
- Magenta (26%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.3913, 52.9747, 63.9110 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 53.3913, 52.9747, 63.9110 by changing the saturation by 10% instead.

■ 53.3913, 52.9747,
63.9110

■ 53.3913, 52.9747,
63.9110

390.0209,
398.1880, 457.0668

■ 38.3440, 37.7826,
46.1329

■ 94.3421, 94.5671,
112.0810

■ 26.4282, 25.8140,
32.0013

120.9762,
121.7362, 143.3099

■ 17.2786, 16.6845,
21.0976

152.2033,
153.6665, 179.8595

■ 10.5299, 10.0098,
13.0035

188.3887,
190.7422, 222.1484

■ 5.8166, 5.4055,
7.3002

229.8979,
233.3478, 270.5950

■ 2.7735, 2.4871,
3.5692

277.0960,

■ 1.0351, 0.8702,

281.8677, 325.6179

1.3921

330.3486,
336.6863, 387.6357

■ 0.0000, 0.0000,
0.1356

■ 0.0000, 0.0000,
0.0000

■ 53.3913, 52.9747,
63.9110

■ 53.3913, 52.9747,
63.9110

■ 49.3567, 44.9048,
62.5666

■ 58.0389, 62.2691,
65.4610

■ 45.9053, 38.0020,
61.4160

■ 63.3188, 72.8288,
67.2211

■ 43.0114, 32.2142,
60.4512

■ 69.2551, 84.7013,
69.2000

■ 40.6458, 27.4831,
59.6625

■ 71.1688, 88.5286,
69.8381

38.7766, 23.7448,
59.0393

71.1688, 88.5286,
69.8382

37.3686, 20.9288,
58.5698

71.1688, 88.5286,
69.8384

36.3816, 18.9549,
58.2407

71.1688, 88.5287,
69.8386

35.7690, 17.7298,
58.0363

71.1689, 88.5287,
69.8387

35.4659, 17.1236,
57.9351

71.1689, 88.5287,
69.8389

Harmonies

Analogous

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



51.8974, 52.9747, 67.6908



53.3913, 52.9747, 63.9110



54.0715, 52.9747, 58.6290

Triad

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



53.3913, 52.9747, 63.9110



50.6810, 52.9747, 47.8899



47.1123, 52.9747, 62.1772

Complementary

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



53.3913, 52.9747, 63.9110



51.1741, 57.0355, 55.8915

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.



46.8049, 52.9747, 56.7421



53.3913, 52.9747, 63.9110



48.8353, 52.9747, 48.7091

Square

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



53.3913, 52.9747, 63.9110



52.4818, 52.9747, 49.5568



47.4281, 52.9747, 51.8686



48.2784, 52.9747, 66.6466

Rectangle

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



53.3913, 52.9747, 63.9110



53.9600, 52.9747, 55.0498



47.4281, 52.9747, 51.8686



46.9063, 52.9747, 60.3936

Sweetspot

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



53.3928, 52.9770, 63.9121



93.4445, 96.7891, 108.3648



49.5041, 50.9722, 63.7303



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.



53.3928, 52.9770, 63.9121



88.1606, 86.2214, 106.6033



52.5205, 52.6281, 59.3186



11.6876, 11.4038, 14.1555



22.5333, 10.8239, 36.8568



1.1625, 0.5584, 1.9014

Inverse Universe

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



53.3928, 52.9770, 63.9121



88.1606, 86.2214, 106.6033



52.0038, 57.3674, 60.2606



11.6876, 11.4038, 14.1555



22.5333, 10.8239, 36.8568



1.1625, 0.5584, 1.9014

Previews

White Background



This preview shows how the XYZ color 53.3913, 52.9747, 63.9110 looks on a white background.

Color Contrast Check

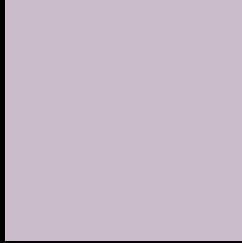
Large Text (above 18pt) WCAG AA × Fail

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 53.3913, 52.9747, 63.9110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

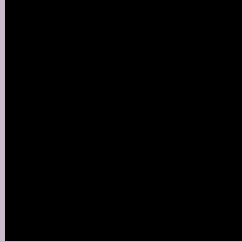
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.3913, 52.9747, 63.9110

Background



This preview shows how black text looks on a background with the XYZ color 53.3913, 52.9747, 63.9110.

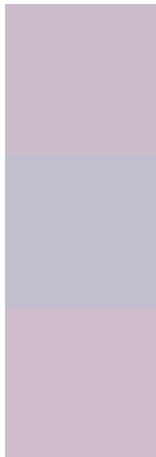


This preview shows how white text looks on a background with the XYZ color 53.3913, 52.9747,

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

53.3913, 52.9747, 63.9110

Protanopia

51.3885, 52.8758, 65.2552

Deuteranopia

54.0034, 52.9743, 63.8787



Tritanopia

53.3913, 52.9747, 63.9110

Trichromacy



Original Color

53.3913, 52.9747, 63.9110

Protanomaly

52.0775, 52.9223, 64.5970

Deuteranomaly

53.7267, 52.8316, 63.8657

Tritanomaly

53.3913, 52.9747, 63.9110

Monochromacy



Original Color

53.3913, 52.9747, 63.9110

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

51.9536, 53.6008, 60.4311

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3913, 52.9747, 63.9110 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, 188, 203) looks like.

```
.text, #text, p{  
    color:rgb(203, 188, 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, 188, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 188, 203) }
```

Border

The CSS property to change the border of an element to XYZ 53.3913, 52.9747, 63.9110 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, 188, 203) }
```


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

```
.border{ border-color:rgb(203, 188, 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, 188, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 188, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 188, 203);  
box-shadow:4px 4px 4px 4px rgb(203, 188,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3913, 52.9747, 63.9110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 188, 203) }
```

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

```
.background{ background-color: rgb(203,  
188, 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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