

Converting Colors

XYZ(49.8929, 53.3352, 54.1195)

Have a look what the booklet for
XYZ(49.8929, 53.3352, 54.1195)
contains.

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Color

**XYZ(49.8929, 53.3352,
54.1195)**

Conversions

Conversions Part 1

Format	Color
Hex	C0C2BA
RGB	192, 194, 186
RGB Percent	75%, 76%, 73%
CMY	0.2471, 0.2392, 0.2706
CMYK	0.01, 0.00, 0.04, 0.24
HSL	75°, 6%, 75%
HSV	75°, 4%, 76%
XYZ	49.8929, 53.3352, 54.1195
YIQ	192.4900, 1.3760, -2.9120

Conversions

Conversions Part 2

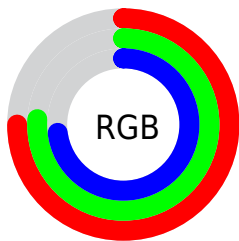
Format	Color
R _Y B	186, 194, 188
Decimal	12632762
CIE Lab	78.07, -2.15, 3.77
CIE LCh	78, 4.336, 119.666
Yxy	53.3352, 0.3171, 0.3390
Android (android.graphics.Color)	4290822842 (0xFFC0C2BA)
YUV	192.4900, -3.1996, -0.4297
Hunter-Lab	73.0310, -5.8575, 7.1849

Details

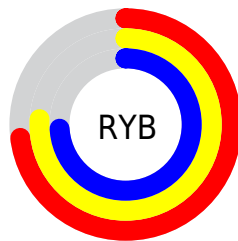
The XYZ color **49.8929, 53.3352, 54.1195** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.0377, 49.7057, 58.1040**, and the grayscale version is **50.4082, 53.0334, 57.7533**.

A 20% lighter version of the original color is **88.9240, 94.7385, 97.6040**, and **24.2592, 25.9386, 25.9184** is the 20% darker color. If you saturate the color by 10%, you get **46.7597, 51.9439, 43.9278**, and if you desaturate by 10%, it is **53.3498, 54.8641, 65.7903**.

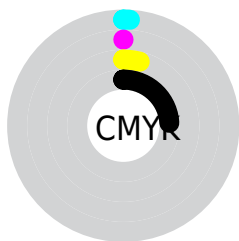
Distribution



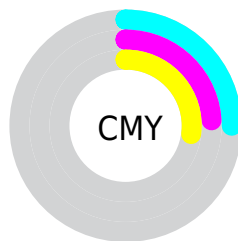
- Red (75%)
- Green (76%)
- Blue (73%)



- Red (73%)
- Yellow (76%)
- Blue (74%)



- Cyan (1%)
- Magenta (0%)
- Yellow (4%)
- Black (24%)



- Cyan (25%)
- Magenta (24%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.8929, 53.3352, 54.1195 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 49.8929, 53.3352, 54.1195 by changing the saturation by 10% instead.

■ 49.8929, 53.3352,
54.1195

■ 49.8929, 53.3352,
54.1195

376.7059,
399.5698, 419.7530

■ 35.5458, 38.0704,
38.3034

■ 89.2089, 95.0974,
97.7079

■ 24.2521, 26.0374,
25.9146

114.9086,
122.3637, 126.3172

■ 15.6465, 16.8516,
16.5346

145.1230,
154.3992, 160.0280

■ 9.3636, 10.1287,
9.7448

180.2177,
191.5884, 199.2588

■ 5.0381, 5.4844,
5.1267

220.5580,
234.3157, 244.4281

■ 2.3046, 2.5342,
2.2617

266.5092,

■ 0.7970, 0.8937,

282.9654, 295.9546

0.7097

318.4367,
337.9220, 354.2567

■ 0.0000, 0.0000,
0.0000

■ 49.8929, 53.3352,
54.1195

■ 49.8929, 53.3352,
54.1195

■ 46.7597, 51.9439,
43.9278

■ 53.3498, 54.8641,
65.7903

■ 43.9341, 50.6785,
35.1527

■ 57.1368, 56.5281,
78.9925

■ 41.4053, 49.5365,
27.7324

■ 61.2658, 58.3337,
93.7800

■ 39.1599, 48.5124,
21.5990

■ 64.3303, 59.7182,
102.7439

■ 37.1836, 47.6004,
16.6790

■ 65.7469, 60.4485,
102.8102

■ 35.4606, 46.7942,
12.8914

■ 67.2059, 61.2007,
102.8785

■ 33.9732, 46.0867,
10.1451

■ 68.7077, 61.9749,
102.9488

■ 32.7011, 45.4697,
8.3354

■ 70.2527, 62.7713,
103.0211

■ 31.6198, 44.9332,
7.3352

■ 71.8412, 63.5902,
103.0954

Harmonies

Analogous

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



50.7030, 53.3352, 53.5392



49.8929, 53.3352, 54.1195



49.3029, 53.3352, 55.7525

Triad

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



49.8929, 53.3352, 54.1195



49.8767, 53.3352, 62.1860



52.3371, 53.3352, 58.1001

Complementary

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



49.8929, 53.3352, 54.1195



48.0377, 49.7057, 58.1040

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.



52.1100, 53.3352, 60.4569



49.8929, 53.3352, 54.1195



50.6840, 53.3352, 62.8557

Square

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



49.8929, 53.3352, 54.1195



49.2936, 53.3352, 60.4087



51.5026, 53.3352, 62.2144



52.1197, 53.3352, 55.7983

Rectangle

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



49.8929, 53.3352, 54.1195



49.1105, 53.3352, 57.2416



51.5026, 53.3352, 62.2144



52.3102, 53.3352, 58.9124

Sweetspot

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



49.8944, 53.3375, 54.1207



92.2745, 97.4627, 104.3300



49.0961, 50.9826, 53.7082



20.2139, 21.3463, 22.8697



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.



49.8944, 53.3375, 54.1207



89.8247, 96.3778, 96.1723



48.8955, 52.8226, 54.0739



10.9231, 11.7445, 11.6082



20.4889, 29.3913, 4.5932



0.9452, 1.3008, 0.2013

Inverse Universe

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



48.0377, 49.7057, 58.1040



85.7094, 88.3280, 105.0014



49.0366, 50.2207, 58.1508



10.3694, 10.6614, 12.7962



7.2859, 3.0165, 33.7548



0.3805, 0.1642, 1.4615

Previews

White Background



This preview shows how the XYZ color 49.8929, 53.3352, 54.1195 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 49.8929, 53.3352, 54.1195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

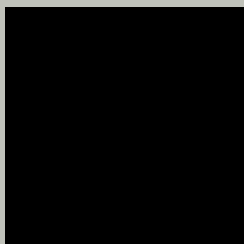
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

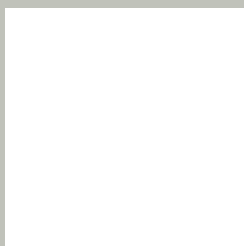
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 49.8929, 53.3352, 54.1195

Background



This preview shows how black text looks on a background with the XYZ color 49.8929, 53.3352, 54.1195.



This preview shows how white text looks on a background with the XYZ color 49.8929, 53.3352,

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

49.8929, 53.3352, 54.1195

Protanopia

50.8953, 53.2078, 53.4866

Deuteranopia

54.4715, 53.4246, 54.4547



Tritanopia

52.2771, 53.3199, 65.9290

Trichromacy



Original Color

49.8929, 53.3352, 54.1195

Protanomaly

50.5919, 53.3785, 53.5355

Deuteranomaly

52.8367, 53.5366, 54.5625

Tritanomaly

51.4066, 53.2921, 61.6098

Monochromacy



Original Color

49.8929, 53.3352, 54.1195

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

50.1025, 53.0641, 56.3169

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.8929, 53.3352, 54.1195 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(192, 194, 186)` looks like.

```
.text, #text, p{  
    color:rgb(192, 194, 186)  
}
```

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(192, 194, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 194, 186) }
```

Border

The CSS property to change the border of an element to XYZ 49.8929, 53.3352, 54.1195 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(192, 194, 186) }
```


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

```
.border{ border-color:rgb(192, 194, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 194, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 194, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 194, 186);  
box-shadow:4px 4px 4px 4px rgb(192, 194,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 49.8929, 53.3352, 54.1195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 194, 186) }
```

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

```
.background{ background-color: rgb(192,  
194, 186) }
```

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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