

Converting Colors

XYZ(50.7974, 53.4780, 55.0721)

Have a look what the booklet for
XYZ(50.7974, 53.4780, 55.0721)
contains.

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Color

**XYZ(50.9120, 53.5065,
55.2214)**

Conversions

Conversions Part 1

Format	Color
Hex	C4C1BC
RGB	196, 193, 188
RGB Percent	77%, 76%, 74%
CMY	0.2314, 0.2431, 0.2627
CMYK	0.00, 0.02, 0.04, 0.23
HSL	38°, 6%, 75%
HSV	38°, 4%, 77%
XYZ	50.9120, 53.5065, 55.2214
YIQ	193.3270, 3.3930, -0.9190

Conversions

Conversions Part 2

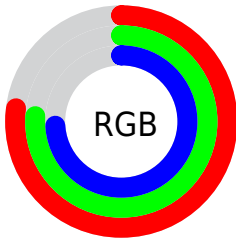
Format	Color
R_{YB}	193, 196, 188
Decimal	12894652
CIE Lab	78.17, 0.15, 2.87
CIE LCh	78, 2.877, 87.049
Yxy	53.5065, 0.3189, 0.3352
Android (android.graphics.Color)	4291084732 (0xFFC4C1BC)
YUV	193.3270, -2.6262, 2.3442
Hunter-Lab	73.1481, -3.7711, 6.4442

Details

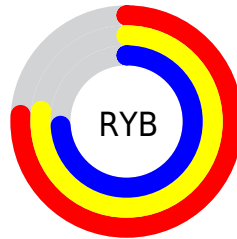
The XYZ color **50.9120, 53.5065, 55.2214** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.3336, 51.9378, 59.6501**, and the grayscale version is **50.8958, 53.5463, 58.3119**.

A 20% lighter version of the original color is **90.7128, 95.1657, 99.1757**, and **24.9066, 26.2562, 26.6769** is the 20% darker color. If you saturate the color by 10%, you get **47.3586, 49.5541, 44.3109**, and if you desaturate by 10%, it is **54.8360, 57.7395, 67.6725**.

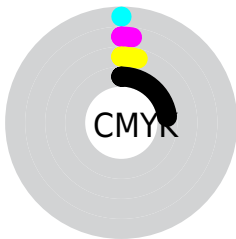
Distribution



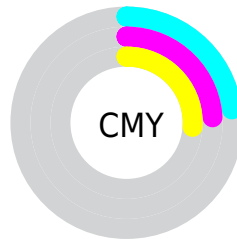
- Red (77%)
- Green (76%)
- Blue (74%)



- Red (76%)
- Yellow (77%)
- Blue (74%)



- Cyan (0%)
- Magenta (2%)
- Yellow (4%)
- Black (23%)



- Cyan (23%)
- Magenta (24%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.9120, 53.5065, 55.2214 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 50.9120, 53.5065, 55.2214 by changing the saturation by 10% instead.

■ 50.9120, 53.5065,
55.2214

■ 50.9120, 53.5065,
55.2214

380.6151,
400.2253, 424.0562

■ 36.3593, 38.2073,
39.1792

■ 90.7084, 95.3493,
99.3397

■ 24.8832, 26.1436,
26.5903

116.6829,
122.6616, 128.2528

■ 16.1184, 16.9311,
17.0360

147.1954,
154.7470, 162.2934

■ 9.6993, 10.1854,
10.0980

182.6112,
191.9900, 201.8799

■ 5.2608, 5.5220,
5.3575

223.2958,
234.7750, 247.4309

■ 2.4374, 2.5567,
2.3961

269.6143,

■ 0.8638, 0.9049,

283.4862, 299.3649

0.7843

321.9323,
338.5082, 358.1005

■ 0.0000, 0.0000,
0.0000

■ 50.9120, 53.5065,
55.2214

■ 50.9120, 53.5065,
55.2214

■ 47.3586, 49.5541,
44.3109

■ 54.8360, 57.7395,
67.6725

■ 44.1587, 45.8684,
34.8767

■ 59.1381, 62.2528,
81.7181

■ 41.3002, 42.4445,
26.8549

■ 63.8311, 67.0549,
97.4140

■ 38.7689, 39.2747,
20.1756

■ 67.0351, 71.3957,
104.8554

■ 36.5491, 36.3508,
14.7631

■ 69.0321, 75.3896,
105.5210

■ 34.6238, 33.6640,
10.5338

■ 71.1151, 79.5556,
106.2153

■ 32.9740, 31.2045,
7.3941

■ 73.2851, 83.8956,
106.9387

■ 31.5780, 28.9615,
5.2360

■ 75.5431, 88.4117,
107.6914

■ 30.4096, 26.9224,
3.9289

■ 76.5752, 90.4759,
108.0354

Harmonies

Analogous

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



51.4467, 53.5065, 55.6995



50.9120, 53.5065, 55.2214



50.3662, 53.5065, 55.5449

Triad

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



50.9120, 53.5065, 55.2214



49.8994, 53.5065, 59.6791



51.7690, 53.5065, 59.9600

Complementary

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



50.9120, 53.5065, 55.2214



49.3336, 51.9378, 59.6501

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.



51.3496, 53.5065, 61.0611



50.9120, 53.5065, 55.2214



50.2705, 53.5065, 60.8968

Square

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



50.9120, 53.5065, 55.2214



49.7841, 53.5065, 58.1002



50.8007, 53.5065, 61.4070



51.9438, 53.5065, 58.4190

Rectangle

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



50.9120, 53.5065, 55.2214



50.0690, 53.5065, 56.1749



50.8007, 53.5065, 61.4070



51.6518, 53.5065, 60.3950

Sweetspot

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



50.9135, 53.5088, 55.2226



94.3382, 99.2289, 106.6507



50.1602, 51.4675, 56.6199



20.1998, 21.2472, 22.8514



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.



50.9135, 53.5088, 55.2226



91.5599, 96.1965, 97.9435



51.3406, 54.7224, 55.4343



10.8784, 11.4272, 11.5493



19.2305, 16.7467, 2.2189



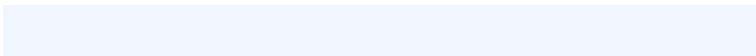
0.8953, 0.8524, 0.1173

Inverse Universe

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



49.3336, 51.9378, 59.6501



88.0225, 92.6788, 107.8573



48.9175, 50.7631, 59.4452



10.4134, 10.9648, 12.8524



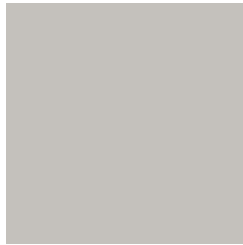
8.0272, 5.8109, 34.2551



0.4132, 0.3838, 1.5022

Previews

White Background



This preview shows how the XYZ color 50.9120, 53.5065, 55.2214 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 50.9120, 53.5065, 55.2214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

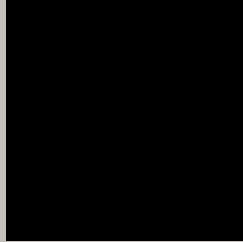
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.9120, 53.5065, 55.2214

Background



This preview shows how black text looks on a background with the XYZ color 50.9120, 53.5065, 55.2214.

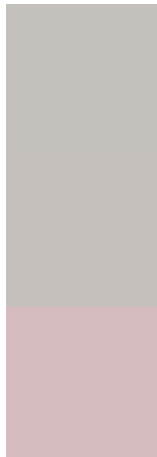


This preview shows how white text looks on a background with the XYZ color 50.9120, 53.5065,

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

50.9120, 53.5065, 55.2214

Protanopia

51.2154, 53.3359, 55.1725

Deuteranopia

54.3962, 53.3609, 55.5768



Tritanopia

52.9861, 53.3768, 65.2677

Trichromacy



Original Color

50.9120, 53.5065, 55.2214

Protanomaly

50.9527, 53.2004, 55.1602

Deuteranomaly

53.1150, 53.3347, 55.6393

Tritanomaly

52.2283, 53.3909, 61.5856

Monochromacy



Original Color

50.9120, 53.5065, 55.2214

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

50.7221, 53.3709, 56.9185

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.9120, 53.5065, 55.2214 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(196, 193, 188)` looks like.

```
.text, #text, p{  
    color:rgb(196, 193, 188)  
}
```

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(196, 193, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 193, 188) }
```

Border

The CSS property to change the border of an element to XYZ 50.9120, 53.5065, 55.2214 is called "border". The border property can be set on classes, ids or directly on the HTML element.

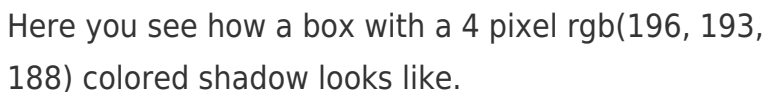
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 193, 188) }
```


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

```
.border{ border-color:rgb(196, 193, 188) }
```

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



Here you see how a box with a 4 pixel `rgb(196, 193, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 193, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 193, 188); box-shadow:4px 4px 4px 4px rgb(196, 193, 188) }
```

Background

The CSS property to change the background color of an element to XYZ 50.9120, 53.5065, 55.2214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 193, 188) }
```

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

```
.background{ background-color: rgb(196,  
193, 188) }
```

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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