

Converting Colors

XYZ(52.0961, 56.0751, 63.6466)

Have a look what the booklet for
XYZ(52.0961, 56.0751, 63.6466)
contains.

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Color

**XYZ(52.0704, 55.9299,
63.9283)**

Conversions

Conversions Part 1

Format	Color
Hex	BDC7CA
RGB	189, 199, 202
RGB Percent	74%, 78%, 79%
CMY	0.2588, 0.2196, 0.2078
CMYK	0.06, 0.01, 0.00, 0.21
HSL	194°, 11%, 77%
HSV	194°, 6%, 79%
XYZ	52.0704, 55.9299, 63.9283
YIQ	196.3520, -6.9230, -1.1870

Conversions

Conversions Part 2

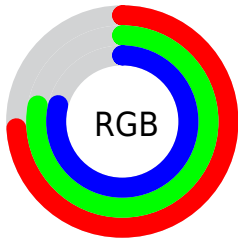
Format	Color
RYB	189, 195, 202
Decimal	12437450
CIELab	79.57, -2.83, -2.69
CIELCh	80, 3.906, 223.503
Yxy	55.9299, 0.3029, 0.3253
Android (android.graphics.Color)	4290627530 (0xFFBDC7CA)
YUV	196.3520, 2.7845, -6.4477
Hunter-Lab	74.7863, -6.5943, 1.6685

Details

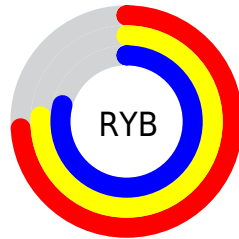
The XYZ color **52.0704, 55.9299, 63.9283** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.3924, 53.9297, 55.7933**, and the grayscale version is **52.6688, 55.4116, 60.3433**.

A 20% lighter version of the original color is **91.4662, 98.1525, 108.7323**, and **25.6240, 27.6232, 31.9982** is the 20% darker color. If you saturate the color by 10%, you get **46.3497, 51.4158, 63.3594**, and if you desaturate by 10%, it is **58.5250, 60.8741, 64.5433**.

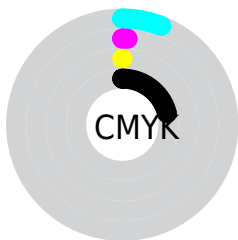
Distribution



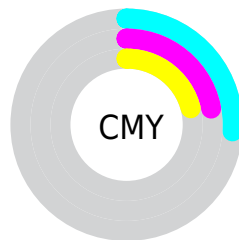
- Red (74%)
- Green (78%)
- Blue (79%)



- Red (74%)
- Yellow (76%)
- Blue (79%)



- Cyan (6%)
- Magenta (1%)
- Yellow (0%)
- Black (21%)



- Cyan (26%)
- Magenta (22%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.0704, 55.9299, 63.9283 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 52.0704, 55.9299, 63.9283 by changing the saturation by 10% instead.

■ 52.0704, 55.9299,
63.9283

■ 52.0704, 55.9299,
63.9283

385.0278,
409.4273, 457.1310

■ 37.2857, 40.1467,
46.1468

■ 92.4087, 98.9021,
112.1061

■ 25.6035, 27.6530,
32.0122

118.6929,
126.8599, 143.3396

■ 16.6583, 18.0642,
21.1059

149.5411,
159.6446, 179.8940

■ 10.0850, 10.9961,
13.0094

185.3185,
197.6408, 222.1881

■ 5.5180, 6.0642,
7.3042

226.3905,
241.2328, 270.6403

■ 2.5922, 2.8842,
3.5718

273.1225,

■ 0.9420, 1.0716,

290.8049, 325.6691

1.3935

325.8798,
346.7416, 387.6932

■ 0.0000, 0.0000,
0.1366

■ 0.0000, 0.0000,
0.0000

■ 52.0704, 55.9299,
63.9283

■ 52.0704, 55.9299,
63.9283

■ 46.3497, 51.4158,
63.3594

■ 58.5250, 60.8741,
64.5433

■ 41.3291, 47.3093,
62.8314

■ 65.7361, 66.2559,
65.2020

■ 36.9793, 43.5965,
62.3440

■ 73.7310, 72.0912,
65.9070

■ 33.2670, 40.2596,
61.8955

■ 76.8771, 75.4769,
66.3947

■ 30.1557, 37.2796,
61.4843

■ 78.0992, 77.9211,
66.8020

■ 27.6055, 34.6353,
61.1083

■ 79.3555, 80.4336,
67.2208

■ 25.5709, 32.3028,
60.7654

■ 80.6462, 83.0150,
67.6510

■ 23.9994, 30.2546,
60.4528

■ 81.9716, 85.6658,
68.0928

■ 22.8232, 28.4553,
60.1675

■ 83.3320, 88.3867,
68.5463

Harmonies

Analogous

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



51.7029, 55.9299, 61.9150



52.0704, 55.9299, 63.9283



52.7315, 55.9299, 65.1457

Triad

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



52.0704, 55.9299, 63.9283



54.6228, 55.9299, 62.1362



52.8074, 55.9299, 56.7835

Complementary

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



52.0704, 55.9299, 63.9283



52.3924, 53.9297, 55.7933

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.



53.5902, 55.9299, 56.8394



52.0704, 55.9299, 63.9283



54.6436, 55.9299, 59.8925

Square

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



52.0704, 55.9299, 63.9283



54.2075, 55.9299, 64.0937



54.2641, 55.9299, 57.9653



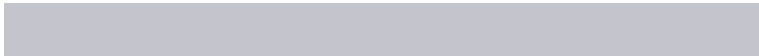
52.1255, 55.9299, 57.8106

Rectangle

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



52.0704, 55.9299, 63.9283



53.2521, 55.9299, 65.3238



54.2641, 55.9299, 57.9653



53.0673, 55.9299, 56.6770

Sweetspot

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



52.0720, 55.9323, 63.9295



92.8246, 98.2976, 108.6887



51.6019, 56.8585, 58.0188



19.8916, 21.0576, 23.2661



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

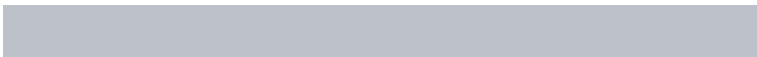
The Same Dimension uses a secret algorithm to generate beautiful new colors.



52.0720, 55.9323, 63.9295



86.4569, 93.3700, 108.0732



50.6480, 53.0842, 63.4549



11.3155, 12.2714, 14.3426



14.5189, 18.0617, 38.6773



0.8039, 1.0416, 2.0136

Inverse Universe

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



52.8648, 53.0765, 61.4940



88.1358, 87.3686, 102.9053



53.8099, 56.7648, 56.2658



11.5726, 11.3578, 13.5499



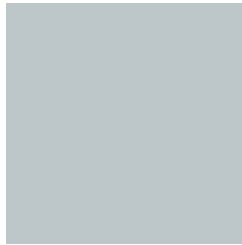
19.5394, 9.6263, 21.0907



1.0357, 0.5077, 1.2340

Previews

White Background



This preview shows how the XYZ color 52.0704, 55.9299, 63.9283 looks on a white background.

Color Contrast Check

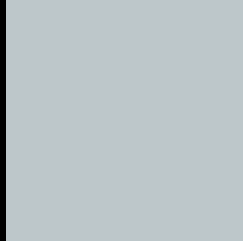
Large Text (above 18pt) WCAG AA × Fail

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 52.0704, 55.9299, 63.9283 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

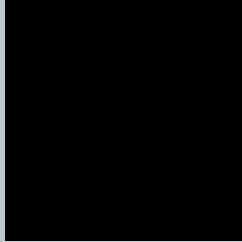
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

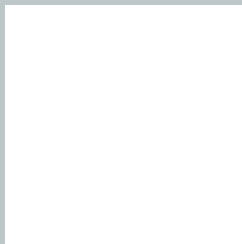
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.0704, 55.9299, 63.9283

Background



This preview shows how black text looks on a background with the XYZ color 52.0704, 55.9299, 63.9283.



This preview shows how white text looks on a background with the XYZ color 52.0704, 55.9299,

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

52.0704, 55.9299, 63.9283

Protanopia

53.7184, 55.7921, 62.5813

Deuteranopia

56.9705, 55.7674, 64.8883



Tritanopia

53.4624, 55.8130, 70.9060

Trichromacy



Original Color

52.0704, 55.9299, 63.9283

Protanomaly

53.0145, 55.7517, 63.2253

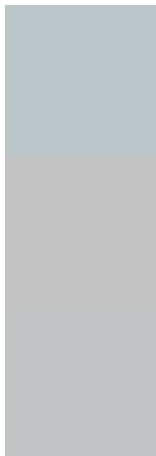
Deuteranomaly

54.9731, 55.7327, 64.3600

Tritanomaly

52.9379, 55.9388, 68.3287

Monochromacy



Original Color

52.0704, 55.9299, 63.9283

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.1516, 55.3472, 61.3605

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.0704, 55.9299, 63.9283 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(189, 199, 202)` looks like.

```
.text, #text, p{  
    color:rgb(189, 199, 202)  
}
```

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(189, 199, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 199, 202) }
```

Border

The CSS property to change the border of an element to XYZ 52.0704, 55.9299, 63.9283 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(189, 199, 202) }
```


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

```
.border{ border-color:rgb(189, 199, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 199, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 199, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 199, 202);  
box-shadow:4px 4px 4px 4px rgb(189, 199,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 52.0704, 55.9299, 63.9283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 199, 202) }
```

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

```
.background{ background-color: rgb(189,  
199, 202) }
```

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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