

Converting Colors

XYZ(54.7786, 56.6813, 63.9954)

Have a look what the booklet for
XYZ(54.7786, 56.6813, 63.9954)
contains.

XYZ(54.7143, 56.6143, 63.9210)	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(54.7143, 56.6143,
63.9210)**

Conversions

Conversions Part 1

Format	Color
Hex	C9C5CA
RGB	201, 197, 202
RGB Percent	79%, 77%, 79%
CMY	0.2118, 0.2274, 0.2078
CMYK	0.00, 0.02, 0.00, 0.21
HSL	288°, 5%, 78%
HSV	288°, 2%, 79%
XYZ	54.7143, 56.6143, 63.9210
YIQ	198.7660, 0.7790, 2.4030

Conversions

Conversions Part 2

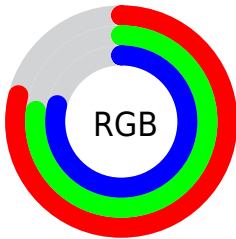
Format	Color
RYB	201, 197, 202
Decimal	13223370
CIELab	79.96, 2.30, -2.01
CIElCh	80, 3.059, 318.851
Yxy	56.6143, 0.3122, 0.3230
Android (android.graphics.Color)	4291413450 (0xFFC9C5CA)
YUV	198.7660, 1.5944, 1.9592
Hunter-Lab	75.2425, -1.8739, 2.3009

Details

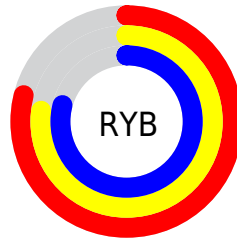
The XYZ color **54.7143, 56.6143, 63.9210** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.4895, 58.2796, 61.2034**, and the grayscale version is **54.1347, 56.9539, 62.0228**.

A 20% lighter version of the original color is **94.7318, 99.3636, 108.7939**, and **27.2004, 27.9861, 31.9852** is the 20% darker color. If you saturate the color by 10%, you get **49.3594, 47.4962, 62.4441**, and if you desaturate by 10%, it is **60.7157, 66.9813, 65.6066**.

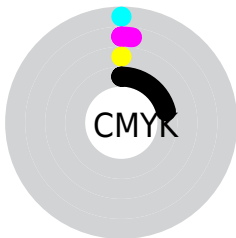
Distribution



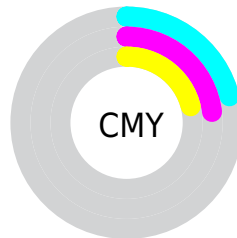
- Red (79%)
- Green (77%)
- Blue (79%)



- Red (79%)
- Yellow (77%)
- Blue (79%)



- Cyan (0%)
- Magenta (2%)
- Yellow (0%)
- Black (21%)



- Cyan (21%)
- Magenta (23%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.7143, 56.6143, 63.9210 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 54.7143, 56.6143, 63.9210 by changing the saturation by 10% instead.

■ 54.7143, 56.6143,
63.9210

■ 54.7143, 56.6143,
63.9210

394.9821,
412.0025, 457.1039

■ 39.4060, 40.6957,
46.1409

96.2730, 99.9022,
112.0955

■ 27.2578, 28.0814,
32.0076

123.2541,
128.0402, 143.3271

■ 17.9045, 18.3870,
21.1024

154.8568,
161.0202, 179.8795

■ 10.9808, 11.2282,
13.0069

191.4465,
199.2264, 222.1713

■ 6.1211, 6.2205,
7.3025

233.3885,
243.0434, 270.6212

■ 2.9602, 2.9796,
3.5707

281.0482,

■ 1.1328, 1.1211,

292.8554, 325.6475

1.3929

334.7909,
349.0470, 387.6689

■ 0.0523, 0.0000,
0.1362

■ 0.0000, 0.0000,
0.0000

■ 54.7143, 56.6143,
63.9210

■ 54.7143, 56.6143,
63.9210

■ 49.3594, 47.4962,
62.4441

■ 60.7157, 66.9813,
65.6066

■ 44.6216, 39.5709,
61.1641

■ 67.3818, 78.6357,
67.5048

■ 40.4764, 32.7892,
60.0736

■ 73.8995, 89.9501,
69.3451

■ 36.8959, 27.0952,
59.1632

■ 75.0880, 90.5628,
69.4008

■ 33.8497, 22.4286,
58.4230

■ 76.3060, 91.1907,
69.4578

■ 31.3044, 18.7230,
57.8419

■ 77.5537, 91.8339,
69.5162

■ 29.2227, 15.9043,
57.4076

■ 78.8312, 92.4925,
69.5759

■ 27.5620, 13.8872,
57.1058

■ 80.1388, 93.1666,
69.6371

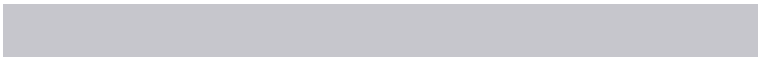
■ 26.2709, 12.5695,
56.9195

■ 81.4766, 93.8563,
69.6997

Harmonies

Analogous

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



54.1969, 56.6143, 64.9365



54.7143, 56.6143, 63.9210



54.9902, 56.6143, 62.3069

Triad

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



54.7143, 56.6143, 63.9210



54.0414, 56.6143, 58.3488



52.6881, 56.6143, 62.7548

Complementary

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



54.7143, 56.6143, 63.9210



54.4895, 58.2796, 61.2034

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.



52.6472, 56.6143, 60.9845



54.7143, 56.6143, 63.9210



53.4253, 56.6143, 58.4635

Square

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



54.7143, 56.6143, 63.9210



54.5997, 56.6143, 59.1041



52.9161, 56.6143, 59.4205



53.0283, 56.6143, 64.2543

Rectangle

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



54.7143, 56.6143, 63.9210



54.9986, 56.6143, 61.1187



52.9161, 56.6143, 59.4205



52.6390, 56.6143, 62.1710

Sweetspot

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



54.7159, 56.6167, 63.9222



94.0544, 98.2871, 108.6219



53.9021, 56.5635, 63.9548



20.1420, 21.0555, 23.2525



0.0000, 0.0000, 0.0000



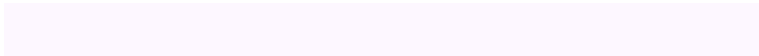
20.3446, 21.4041, 23.3091

Same Dimension

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



54.7159, 56.6167, 63.9222



92.0968, 94.9265, 108.0764



54.8188, 56.6890, 63.0560



12.1459, 12.4570, 14.3347



16.4656, 7.6959, 36.5739



0.9068, 0.4266, 1.8895

Inverse Universe

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



54.5185, 56.5689, 61.4746



91.6883, 94.8279, 102.9966



54.3897, 58.2093, 62.0496



12.0792, 12.4410, 13.5032



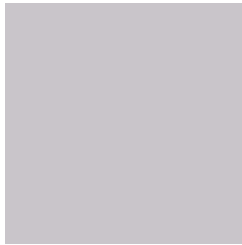
15.9505, 8.1908, 2.1922



0.8505, 0.4336, 0.2587

Previews

White Background



This preview shows how the XYZ color 54.7143, 56.6143, 63.9210 looks on a white background.

Color Contrast Check

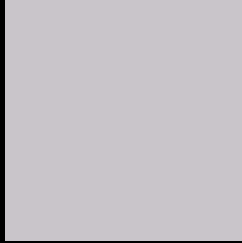
Large Text (above 18pt) WCAG AA × Fail

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 54.7143, 56.6143, 63.9210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

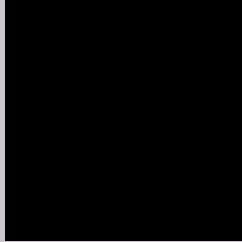
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

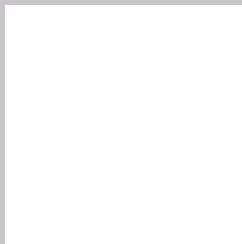
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.7143, 56.6143, 63.9210

Background



This preview shows how black text looks on a background with the XYZ color 54.7143, 56.6143, 63.9210.

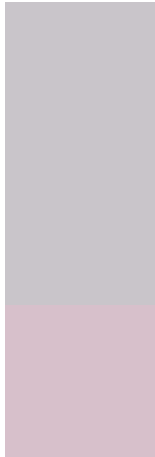


This preview shows how white text looks on a background with the XYZ color 54.7143, 56.6143,

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

54.7143, 56.6143, 63.9210

Protanopia

54.7143, 56.6143, 63.9210

Deuteranopia

57.6535, 56.4581, 64.3588



Tritanopia

55.8549, 56.7396, 69.6360

Trichromacy



Original Color

54.7143, 56.6143, 63.9210

Protanomaly

54.7143, 56.6143, 63.9210

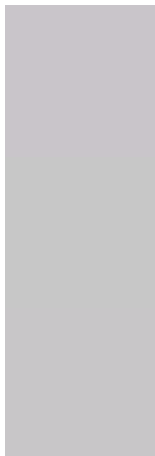
Deuteranomaly

56.6496, 56.5970, 64.4385

Tritanomaly

55.4822, 56.5905, 67.6733

Monochromacy



Original Color

54.7143, 56.6143, 63.9210

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

54.4388, 56.8377, 62.7451

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.7143, 56.6143, 63.9210 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(201, 197, 202) looks like.

```
.text, #text, p{  
    color:rgb(201, 197, 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(201, 197, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 197, 202) }
```

Border

The CSS property to change the border of an element to XYZ 54.7143, 56.6143, 63.9210 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(201, 197, 202) }
```


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

```
.border{ border-color:rgb(201, 197, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 197, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 197, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 197, 202);  
box-shadow:4px 4px 4px 4px rgb(201, 197,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 54.7143, 56.6143, 63.9210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 197, 202) }
```

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

```
.background{ background-color: rgb(201,  
197, 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](#).

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