

Converting Colors

XYZ(53.6639, 54.5018, 68.9027)

Have a look what the booklet for
XYZ(53.6639, 54.5018, 68.9027)
contains.

XYZ(53.7288, 54.6634, 68.6920)	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(53.7288, 54.6634,
68.6920)**

Conversions

Conversions Part 1

Format	Color
Hex	C5C1D2
RGB	197, 193, 210
RGB Percent	77%, 76%, 82%
CMY	0.2274, 0.2431, 0.1765
CMYK	0.06, 0.08, 0.00, 0.18
HSL	254°, 16%, 79%
HSV	254°, 8%, 82%
XYZ	53.7288, 54.6634, 68.6920
YIQ	196.1340, -3.0730, 6.1350

Conversions

Conversions Part 2

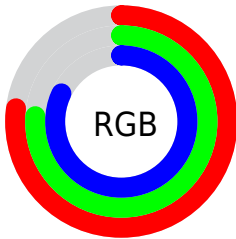
Format	Color
R_{YB}	197, 193, 210
Decimal	12960210
CIE _{Lab}	78.85, 4.60, -8.00
CIE _{LCh}	79, 9.230, 299.880
Yxy	54.6634, 0.3034, 0.3087
Android (android.graphics.Color)	4291150290 (0xFFC5C1D2)
YUV	196.1340, 6.8359, 0.7595
Hunter-Lab	73.9347, 0.3313, -3.3315

Details

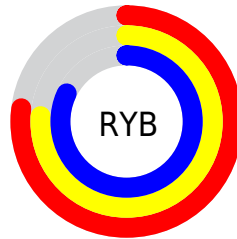
The XYZ color **53.7288, 54.6634, 68.6920** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.1278, 63.0666, 59.5642**, and the grayscale version is **52.5127, 55.2474, 60.1645**.

A 20% lighter version of the original color is **92.7987, 96.0422, 108.2547**, and **26.7065, 26.9961, 35.2557** is the 20% darker color. If you saturate the color by 10%, you get **45.4284, 43.9765, 67.0675**, and if you desaturate by 10%, it is **63.1397, 66.9043, 70.5596**.

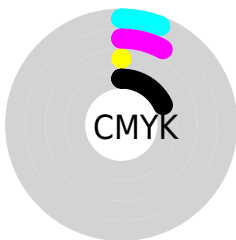
Distribution



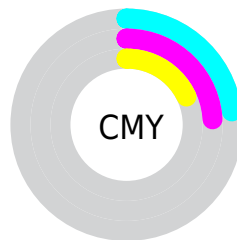
- Red (77%)
- Green (76%)
- Blue (82%)



- Red (77%)
- Yellow (76%)
- Blue (82%)



- Cyan (6%)
- Magenta (8%)
- Yellow (0%)
- Black (18%)



- Cyan (23%)
- Magenta (24%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.7288, 54.6634, 68.6920 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 53.7288, 54.6634, 68.6920 by changing the saturation by 10% instead.

■ 53.7288, 54.6634,
68.6920

■ 53.7288, 54.6634,
68.6920

391.2902,
404.6347, 474.6084

■ 38.6147, 39.1323,
49.9907

■ 94.8352, 97.0476,
119.0051

■ 26.6395, 26.8627,
35.0349

121.5581,
124.6695, 151.4540

■ 17.4378, 17.4701,
23.4060

152.8814,
157.0904, 189.3225

■ 10.6444, 10.5702,
14.6855

189.1704,
194.6948, 233.0292

■ 5.8938, 5.7786,
8.4548

230.7904,
237.8671, 282.9926

■ 2.8206, 2.7110,
4.2954

278.1068,

■ 1.0596, 0.9828,

286.9915, 339.6312

1.7887

331.4850,
342.4526, 403.3637

■ 0.0000, 0.0000,
0.4205

■ 0.0000, 0.0000,
0.0000

■ 53.7288, 54.6634,
68.6920

■ 53.7288, 54.6634,
68.6920

■ 45.4284, 43.9765,
67.0675

■ 63.1397, 66.9043,
70.5596

■ 38.1922, 34.7742,
65.6727

■ 73.6956, 80.7512,
72.6759

■ 31.9773, 26.9920,
64.4981

■ 85.1142, 95.6192,
74.9439

■ 26.7364, 20.5581,
63.5325

■ 88.6330, 97.4332,
75.1086

■ 22.4182, 15.3941,
62.7633

■ 18.9662, 11.4135,
62.1770

■ 16.3177, 8.5188,
61.7578

■ 14.4003, 6.5960,
61.4877

■ 13.1158, 5.4821,
61.3404

Harmonies

Analogous

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



51.9486, 54.6634, 70.1765



53.7288, 54.6634, 68.6920



55.0595, 54.6634, 64.7209

Triad

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



53.7288, 54.6634, 68.6920



53.7418, 54.6634, 51.2206



48.5159, 54.6634, 59.4981

Complementary

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



53.7288, 54.6634, 68.6920



58.1278, 63.0666, 59.5642

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.



48.9712, 54.6634, 54.6038



53.7288, 54.6634, 68.6920



51.9633, 54.6634, 49.9994

Square

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



53.7288, 54.6634, 68.6920



55.0672, 54.6634, 54.6383



50.2225, 54.6634, 51.2016



48.9641, 54.6634, 64.6824

Rectangle

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



53.7288, 54.6634, 68.6920



55.4977, 54.6634, 61.3075



50.2225, 54.6634, 51.2016



48.5682, 54.6634, 57.7659

Sweetspot

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



53.7304, 54.6657, 68.6932



92.0240, 96.0568, 108.2984



55.7063, 60.1509, 69.6478



19.7287, 20.6014, 23.1866



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.



53.7304, 54.6657, 68.6932



80.6331, 81.2826, 106.0470



56.0104, 55.8411, 68.7999



11.4202, 11.5499, 14.8711



7.9547, 3.2811, 37.4065



0.5169, 0.2206, 2.0949

Inverse Universe

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



56.7907, 56.3002, 66.2690



86.4972, 84.4155, 101.3600



55.8399, 61.8872, 59.4571



12.1869, 11.9595, 14.2602



20.1563, 9.9354, 21.5270



1.1565, 0.5673, 1.3591

Previews

White Background



This preview shows how the XYZ color 53.7288, 54.6634, 68.6920 looks on a white background.

Color Contrast Check

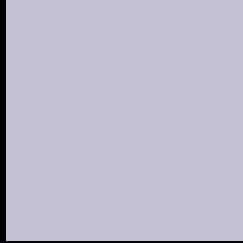
Large Text (above 18pt) WCAG AA × Fail

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 53.7288, 54.6634, 68.6920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

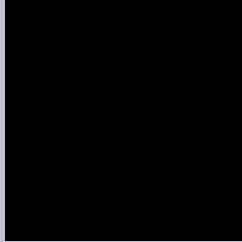
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.7288, 54.6634, 68.6920

Background



This preview shows how black text looks on a background with the XYZ color 53.7288, 54.6634, 68.6920.

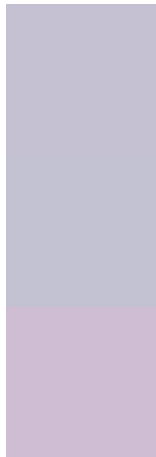


This preview shows how white text looks on a background with the XYZ color 53.7288, 54.6634,

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

53.7288, 54.6634, 68.6920

Protanopia

53.2978, 54.7561, 69.3879

Deuteranopia

55.9035, 54.7955, 69.2582



Tritanopia

53.6045, 54.6137, 68.0378

Trichromacy



Original Color

53.7288, 54.6634, 68.6920

Protanomaly

53.5553, 54.8888, 69.3999

Deuteranomaly

55.0173, 54.6613, 69.2790

Tritanomaly

53.6045, 54.6137, 68.0378

Monochromacy



Original Color

53.7288, 54.6634, 68.6920

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.8227, 54.9830, 63.0871

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.7288, 54.6634, 68.6920 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(197, 193, 210)` looks like.

```
.text, #text, p{  
    color:rgb(197, 193, 210)  
}
```

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(197, 193, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 193, 210) }
```

Border

The CSS property to change the border of an element to XYZ 53.7288, 54.6634, 68.6920 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(197, 193, 210) }
```


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

```
.border{ border-color:rgb(197, 193, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 193, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 193, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 193, 210);  
box-shadow:4px 4px 4px 4px rgb(197, 193,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 53.7288, 54.6634, 68.6920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 193, 210) }
```

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

```
.background{ background-color: rgb(197,  
193, 210) }
```

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