

Converting Colors

XYZ(54.3047, 58.4716, 69.3975)

Have a look what the booklet for
XYZ(54.3047, 58.4716, 69.3975)
contains.

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Color

**XYZ(54.2240, 58.3122,
69.3702)**

Conversions

Conversions Part 1

Format	Color
Hex	BECBD2
RGB	190, 203, 210
RGB Percent	75%, 80%, 82%
CMY	0.2549, 0.2039, 0.1765
CMYK	0.10, 0.03, 0.00, 0.18
HSL	201°, 18%, 78%
HSV	201°, 10%, 82%
XYZ	54.2240, 58.3122, 69.3702
YIQ	199.9110, -9.9950, -0.5790

Conversions

Conversions Part 2

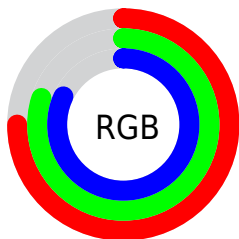
Format	Color
R_{YB}	190, 198, 210
Decimal	12504018
CIE _{Lab}	80.91, -3.04, -5.01
CIE _{LCh}	81, 5.854, 238.753
Yxy	58.3122, 0.2981, 0.3206
Android (android.graphics.Color)	4290694098 (0xFFBECBD2)
YUV	199.9110, 4.9739, -8.6919
Hunter-Lab	76.3624, -6.8836, -0.4073

Details

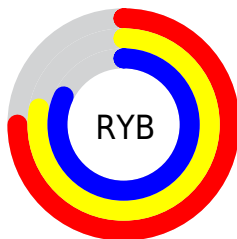
The XYZ color **54.2240, 58.3122, 69.3702** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.8391, 57.3514, 56.8431**, and the grayscale version is **54.8211, 57.6761, 62.8093**.

A 20% lighter version of the original color is **91.8160, 98.3328, 108.7487**, and **27.0647, 29.2136, 35.6648** is the 20% darker color. If you saturate the color by 10%, you get **47.6584, 52.4141, 68.5787**, and if you desaturate by 10%, it is **61.6310, 64.7692, 70.2271**.

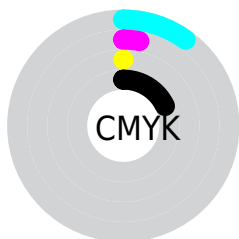
Distribution



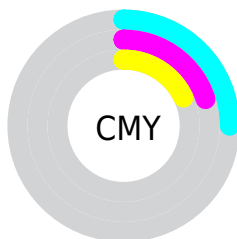
- Red (75%)
- Green (80%)
- Blue (82%)



- Red (75%)
- Yellow (78%)
- Blue (82%)



- Cyan (10%)
- Magenta (3%)
- Yellow (0%)
- Black (18%)



- Cyan (25%)
- Magenta (20%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.2240, 58.3122, 69.3702 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 54.2240, 58.3122, 69.3702 by changing the saturation by 10% instead.

■ 54.2240, 58.3122,
69.3702

■ 54.2240, 58.3122,
69.3702

393.1480,
418.3483, 477.0648

■ 39.0122, 42.0597,
50.5396

■ 95.5580, 102.3774,
119.9829

■ 26.9500, 29.1480,
35.4682

122.4109,
130.9588, 152.6020

■ 17.6720, 19.1928,
23.7373

153.8749,
164.4187, 190.6545

■ 10.8130, 11.8097,
14.9285

190.3153,
203.1413, 234.5587

■ 6.0076, 6.6142,
8.6231

232.0974,
247.5113, 284.7334

■ 2.8904, 3.2220,
4.4028

279.5867,

■ 1.0961, 1.2487,

297.9128, 341.5969

1.8488

333.1484,
354.7303, 405.5679

■ 0.0218, 0.1010,
0.4599

■ 0.0000, 0.0000,
0.0000

■ 54.2240, 58.3122,
69.3702

■ 54.2240, 58.3122,
69.3702

■ 47.6584, 52.4141,
68.5787

■ 61.6310, 64.7692,
70.2271

■ 41.8958, 47.0488,
67.8468

■ 69.9055, 71.7957,
71.1472

■ 36.9023, 42.1987,
67.1738

■ 79.0791, 79.4109,
72.1336

■ 32.6394, 37.8421,
66.5576

■ 81.8399, 83.8471,
72.8443

■ 29.0650, 33.9557,
65.9959

■ 83.9561, 88.0793,
73.5497

■ 26.1326, 30.5135,
65.4860

■ 86.1597, 92.4866,
74.2842

■ 23.7891, 27.4865,
65.0252

■ 88.4519, 97.0710,
75.0483

■ 21.9722, 24.8404,
64.6103

■ 88.6330, 97.4332,
75.1087

■ 20.5748, 22.5181,
64.2357

Harmonies

Analogous

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



53.4061, 58.3122, 66.7567



54.2240, 58.3122, 69.3702



55.3733, 58.3122, 70.4005

Triad

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



54.2240, 58.3122, 69.3702



57.7865, 58.3122, 63.6374



54.3106, 58.3122, 57.8192

Complementary

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



54.2240, 58.3122, 69.3702



55.8391, 57.3514, 56.8431

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.



55.4747, 58.3122, 57.0510



54.2240, 58.3122, 69.3702



57.4921, 58.3122, 60.3357

Square

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



54.2240, 58.3122, 69.3702



57.4402, 58.3122, 67.0172



56.6416, 58.3122, 57.9558



53.4556, 58.3122, 60.0928

Rectangle

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



54.2240, 58.3122, 69.3702



56.1765, 58.3122, 70.0234



56.6416, 58.3122, 57.9558



54.6782, 58.3122, 57.3801

Sweetspot

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



54.2257, 58.3147, 69.3715



91.4435, 96.8822, 108.4883



54.3226, 61.0572, 61.5464



19.3708, 20.5613, 23.1977



0.0000, 0.0000, 0.0000



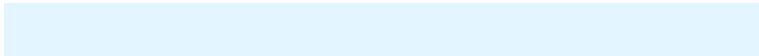
20.3446, 21.4041, 23.3091

Same Dimension

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



54.2257, 58.3147, 69.3715



82.4218, 88.9608, 107.4348



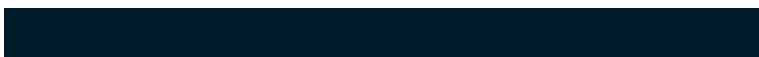
52.0128, 53.8888, 68.6338



11.7958, 12.6819, 15.0698



12.6096, 13.8659, 39.2043



0.7779, 0.9210, 2.2163

Inverse Universe

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



55.7726, 54.8415, 64.1488



85.2054, 82.7748, 98.0223



58.1057, 61.8846, 57.5986



12.1278, 11.9359, 13.9489



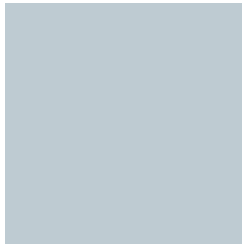
18.9955, 9.4710, 15.4143



1.0989, 0.5443, 1.0556

Previews

White Background



This preview shows how the XYZ color 54.2240, 58.3122, 69.3702 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 54.2240, 58.3122, 69.3702 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

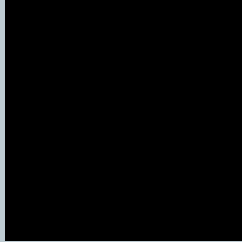
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

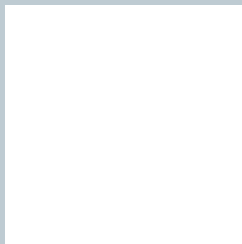
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.2240, 58.3122, 69.3702

Background



This preview shows how black text looks on a background with the XYZ color 54.2240, 58.3122, 69.3702.

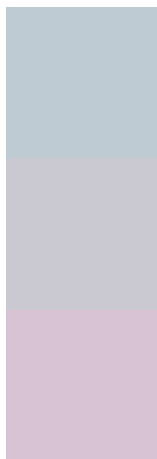


This preview shows how white text looks on a background with the XYZ color 54.2240, 58.3122, 69.3702.

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

54.2240, 58.3122, 69.3702

Protanopia

56.3966, 58.4192, 67.9781

Deuteranopia

59.4231, 58.2308, 70.3951



Tritanopia

55.2613, 58.3794, 74.6854

Trichromacy



Original Color

54.2240, 58.3122, 69.3702

Protanomaly

55.6840, 58.3825, 68.6557

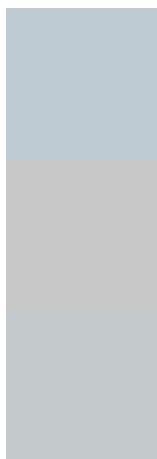
Deuteranomaly

57.4056, 58.2131, 69.8387

Tritanomaly

54.8721, 58.2237, 72.6362

Monochromacy



Original Color

54.2240, 58.3122, 69.3702

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.5507, 57.8687, 65.4214

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.2240, 58.3122, 69.3702 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(190, 203, 210)` looks like.

```
.text, #text, p{  
    color:rgb(190, 203, 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(190, 203, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 203, 210) }
```

Border

The CSS property to change the border of an element to XYZ 54.2240, 58.3122, 69.3702 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(190, 203, 210) }
```


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

```
.border{ border-color:rgb(190, 203, 210) }
```

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

Here you see how a box with a 4 pixel rgb(190, 203, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 203, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 203, 210);  
box-shadow:4px 4px 4px 4px rgb(190, 203,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 54.2240, 58.3122, 69.3702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 203, 210) }
```

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

```
.background{ background-color: rgb(190,  
203, 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](#).

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