

Converting Colors

XYZ(54.2423, 56.6813, 59.9107)

Have a look what the booklet for
XYZ(54.2423, 56.6813, 59.9107)
contains.

XYZ(54.4015, 56.8849, 59.7424)	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(54.4015, 56.8849,
59.7424)**

Conversions

Conversions Part 1

Format	Color
Hex	CAC6C3
RGB	202, 198, 195
RGB Percent	79%, 78%, 76%
CMY	0.2078, 0.2235, 0.2353
CMYK	0.00, 0.02, 0.03, 0.21
HSL	26°, 6%, 78%
HSV	26°, 3%, 79%
XYZ	54.4015, 56.8849, 59.7424
YIQ	198.8540, 3.3470, -0.0850

Conversions

Conversions Part 2

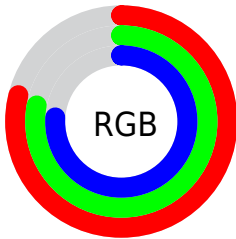
Format	Color
R _Y B	202, 200, 195
Decimal	13289155
CIE Lab	80.11, 0.85, 1.98
CIE LCh	80, 2.157, 66.745
Yxy	56.8849, 0.3181, 0.3326
Android (android.graphics.Color)	4291479235 (0xFFCAC6C3)
YUV	198.8540, -1.9000, 2.7590
Hunter-Lab	75.4221, -3.2376, 5.8314

Details

The XYZ color **54.4015, 56.8849, 59.7424** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.5896, 56.7122, 63.9997**, and the grayscale version is **54.2080, 57.0311, 62.1068**.

A 20% lighter version of the original color is **94.5707, 99.8083, 106.3760**, and **26.9937, 28.1655, 29.2131** is the 20% darker color. If you saturate the color by 10%, you get **49.7345, 50.9616, 47.6705**, and if you desaturate by 10%, it is **59.5814, 63.3382, 73.5111**.

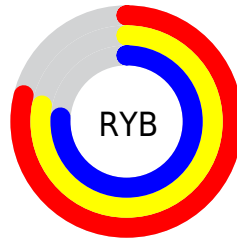
Distribution



Red (79%)

Green (78%)

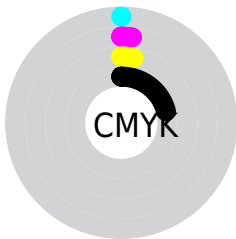
Blue (76%)



Red (79%)

Yellow (78%)

Blue (76%)

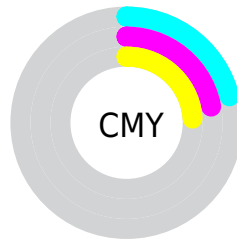


Cyan (0%)

Magenta (2%)

Yellow (3%)

Black (21%)



Cyan (21%)

Magenta (22%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.4015, 56.8849, 59.7424 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 54.4015, 56.8849, 59.7424 by changing the saturation by 10% instead.

■ 54.4015, 56.8849,
59.7424

■ 54.4015, 56.8849,
59.7424

393.8126,
413.0179, 441.4259

■ 39.1547, 40.9128,
42.7871

95.8170, 100.2972,
105.9956

■ 27.0614, 28.2510,
29.3879

122.7163,
128.5063, 136.1306

■ 17.7561, 18.5149,
19.1264

154.2305,
161.5631, 171.4959

■ 10.8737, 11.3203,
11.5839

190.7250,
199.8521, 212.5100

■ 6.0486, 6.2827,
6.3419

232.5651,
243.7577, 259.5915

■ 2.9156, 3.0177,
2.9820

280.1162,

■ 1.1093, 1.1410,

293.6643, 313.1590

1.0854

333.7436,
349.9562, 373.6309

■ 0.0329, 0.0127,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.4015, 56.8849,
59.7424

■ 54.4015, 56.8849,
59.7424

■ 49.7345, 50.9616,
47.6705

■ 59.5814, 63.3382,
73.5111

■ 45.5589, 45.5470,
37.2253

■ 65.2855, 70.3272,
89.0354

■ 41.8585, 40.6292,
28.3373

■ 71.4333, 77.8285,
105.8652

■ 38.6145, 36.1930,
20.9304

■ 74.7979, 84.5577,
106.9867

■ 35.8065, 32.2223,
14.9222

■ 78.1674, 91.2967,
108.1099

■ 33.4125, 28.7001,
10.2221

■ 31.4081, 25.6078,
6.7285

■ 29.7659, 22.9255,
4.3247

■ 28.4535, 20.6307,
2.8700

Harmonies

Analogous

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



54.7469, 56.8849, 60.5023



54.4015, 56.8849, 59.7424



53.9683, 56.8849, 59.5671

Triad

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



54.4015, 56.8849, 59.7424



53.2331, 56.8849, 62.2225



54.5742, 56.8849, 63.8963

Complementary

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



54.4015, 56.8849, 59.7424



53.5896, 56.7122, 63.9997

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.



54.1666, 56.8849, 64.3710



54.4015, 56.8849, 59.7424



53.3935, 56.8849, 63.3962

Square

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



54.4015, 56.8849, 59.7424



53.2952, 56.8849, 60.9880



53.7347, 56.8849, 64.1867



54.8470, 56.8849, 62.8978

Rectangle

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



54.4015, 56.8849, 59.7424



53.6882, 56.8849, 59.8032



53.7347, 56.8849, 64.1867



54.4483, 56.8849, 64.1230

Sweetspot

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



54.4031, 56.8874, 59.7436



94.1795, 98.9115, 106.5978



54.1914, 55.7150, 61.9821



20.1675, 21.1826, 22.8406



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.



54.4031, 56.8874, 59.7436



91.6213, 95.7012, 99.8694



55.1920, 58.4651, 60.0066



12.1027, 12.6264, 13.0841



17.9348, 12.6026, 1.4873



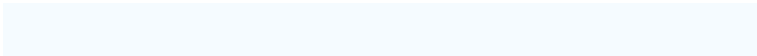
1.0001, 0.7998, 0.1017

Inverse Universe

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



53.5896, 56.7122, 63.9997



90.0160, 95.3555, 108.2689



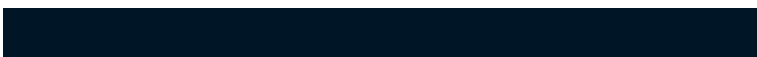
52.8132, 55.1594, 63.7409



11.8565, 12.5734, 14.3724



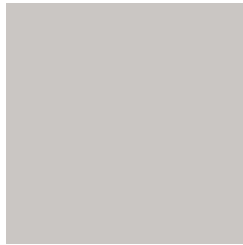
10.9184, 10.8607, 37.4771



0.6377, 0.7091, 1.9582

Previews

White Background



This preview shows how the XYZ color 54.4015, 56.8849, 59.7424 looks on a white background.

Color Contrast Check

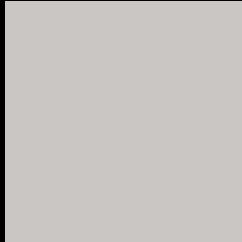
Large Text (above 18pt) WCAG AA × Fail

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 54.4015, 56.8849, 59.7424 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

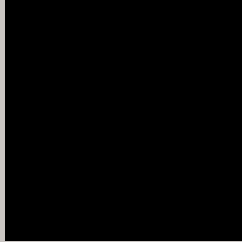
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.4015, 56.8849, 59.7424

Background



This preview shows how black text looks on a background with the XYZ color 54.4015, 56.8849, 59.7424.



This preview shows how white text looks on a background with the XYZ color 54.4015, 56.8849,

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

54.4015, 56.8849, 59.7424

Protanopia

54.6730, 57.0248, 59.7551

Deuteranopia

58.0269, 56.7449, 60.1191



Tritanopia

56.3996, 57.0204, 69.6615

Trichromacy



Original Color

54.4015, 56.8849, 59.7424

Protanomaly

54.6730, 57.0248, 59.7551

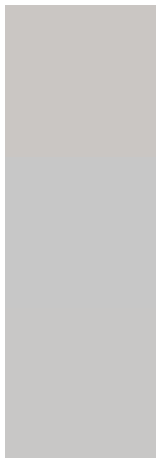
Deuteranomaly

56.6962, 56.7152, 60.1835

Tritanomaly

55.6143, 57.0368, 65.8356

Monochromacy



Original Color

54.4015, 56.8849, 59.7424

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

54.4359, 57.2034, 61.5984

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4015, 56.8849, 59.7424 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(202, 198, 195) looks like.

```
.text, #text, p{  
    color:rgb(202, 198, 195)  
}
```

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(202, 198, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 198, 195) }
```

Border

The CSS property to change the border of an element to XYZ 54.4015, 56.8849, 59.7424 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(202, 198, 195) }
```


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

```
.border{ border-color:rgb(202, 198, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 198, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 198, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 198, 195);  
box-shadow:4px 4px 4px 4px rgb(202, 198,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4015, 56.8849, 59.7424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 198, 195) }
```

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

```
.background{ background-color: rgb(202,  
198, 195) }
```

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