

Converting Colors

XYZ(55.7912, 59.5013, 59.7113)

Have a look what the booklet for
XYZ(55.7912, 59.5013, 59.7113)
contains.

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Color

**XYZ(55.7221, 59.3034,
59.5488)**

Conversions

Conversions Part 1

Format	Color
Hex	CBCBC2
RGB	203, 203, 194
RGB Percent	80%, 80%, 76%
CMY	0.2039, 0.2039, 0.2392
CMYK	0.00, 0.00, 0.04, 0.20
HSL	60°, 8%, 78%
HSV	60°, 4%, 80%
XYZ	55.7221, 59.3034, 59.5488
YIQ	201.9740, 2.8890, -2.7990

Conversions

Conversions Part 2

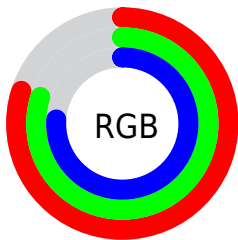
Format	Color
RYB	194, 203, 194
Decimal	13355970
CIELab	81.46, -1.61, 4.47
CIElCh	81, 4.754, 109.743
Yxy	59.3034, 0.3192, 0.3397
Android (android.graphics.Color)	4291546050 (0xFFCBCBC2)
YUV	201.9740, -3.9312, 0.8998
Hunter-Lab	77.0087, -5.6059, 8.0587

Details

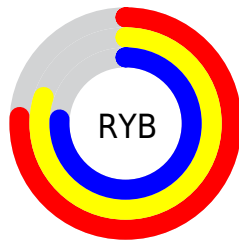
The XYZ color **55.7221, 59.3034, 59.5488** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.3218, 54.3664, 64.2391**, and the grayscale version is **56.1467, 59.0707, 64.3280**.

A 20% lighter version of the original color is **94.2553, 99.6821, 104.7153**, and **27.8755, 29.7779, 29.0895** is the 20% darker color. If you saturate the color by 10%, you get **53.5944, 58.4539, 48.3498**, and if you desaturate by 10%, it is **58.1646, 60.2826, 72.3909**.

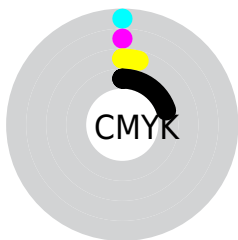
Distribution



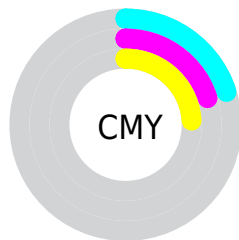
- Red (80%)
- Green (80%)
- Blue (76%)



- Red (76%)
- Yellow (80%)
- Blue (76%)



- Cyan (0%)
- Magenta (0%)
- Yellow (4%)
- Black (20%)



- Cyan (20%)
- Magenta (20%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.7221, 59.3034, 59.5488 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 55.7221, 59.3034, 59.5488 by changing the saturation by 10% instead.

■ 55.7221, 59.3034,
59.5488

■ 55.7221, 59.3034,
59.5488

398.7354,
422.0253, 440.6910

■ 40.2163, 42.8574,
42.6321

■ 97.7403, 103.8185,
105.7118

■ 27.8922, 29.7732,
29.2673

124.9834,
132.6564, 135.7953

■ 18.3844, 19.6665,
19.0358

156.8697,
166.3937, 171.1047

■ 11.3277, 12.1529,
11.5191

193.7644,
205.4148, 212.0587

■ 6.3566, 6.8479,
6.2986

236.0330,
250.1041, 259.0758

■ 3.1058, 3.3672,
2.9558

284.0408,

■ 1.2100, 1.3263,

300.8461, 312.5745

1.0721

338.1531,
358.0250, 372.9734

■ 0.1142, 0.1614,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.7221, 59.3034,
59.5488

■ 55.7221, 59.3034,
59.5488

■ 53.5944, 58.4539,
48.3498

■ 58.1646, 60.2826,
72.3909

■ 51.7640, 57.7215,
38.7238

■ 60.9289, 61.3886,
86.9344

■ 50.2192, 57.1033,
30.6018

■ 64.0277, 62.6284,
103.2398

■ 48.9455, 56.5936,
23.9076

■ 64.0458, 62.6359,
103.3221

■ 47.9274, 56.1860,
18.5589

■ 64.0482, 62.6372,
103.3222

■ 47.1475, 55.8738,
14.4647

■ 64.0507, 62.6384,
103.3223

■ 46.5864, 55.6490,
11.5228

■ 64.0531, 62.6397,
103.3224

■ 46.2217, 55.5029,
9.6150

■ 64.0555, 62.6410,
103.3226

■ 46.0261, 55.4244,
8.5978

■ 64.0580, 62.6422,
103.3227

Harmonies

Analogous

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



56.7076, 59.3034, 59.3268



55.7221, 59.3034, 59.5488



54.9182, 59.3034, 61.0939

Triad

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



55.7221, 59.3034, 59.5488



55.1384, 59.3034, 68.8450



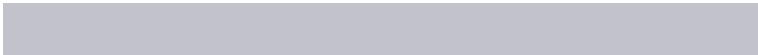
58.2703, 59.3034, 65.5522

Complementary

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



55.7221, 59.3034, 59.5488



52.3218, 54.3664, 64.2391

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.



57.8392, 59.3034, 68.1783



55.7221, 59.3034, 59.5488



56.0260, 59.3034, 70.1161

Square

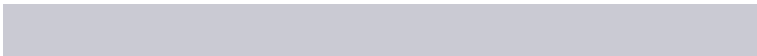
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



55.7221, 59.3034, 59.5488



54.5840, 59.3034, 66.4405



57.0150, 59.3034, 69.8686



58.1866, 59.3034, 62.7375

Rectangle

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



55.7221, 59.3034, 59.5488



54.5897, 59.3034, 62.6922



57.0150, 59.3034, 69.8686



58.1806, 59.3034, 66.4876

Sweetspot

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



55.7237, 59.3060, 59.5501



94.6417, 99.8366, 106.7520



53.6599, 55.1766, 58.8618



20.2615, 21.3709, 22.8720



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.



55.7237, 59.3060, 59.5501



93.0625, 99.2048, 98.4449



54.5165, 58.6836, 59.4936



12.3364, 13.1697, 12.9292



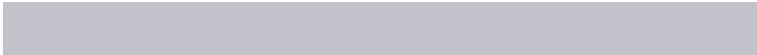
29.2490, 35.2537, 5.2631



1.5091, 1.8188, 0.2715

Inverse Universe

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



52.3218, 54.3664, 64.2391



86.5824, 89.7957, 107.3767



53.4938, 54.9706, 64.2940



11.3817, 11.7836, 14.2450



6.8609, 2.7445, 36.1244



0.3541, 0.1417, 1.8636

Previews

White Background



This preview shows how the XYZ color 55.7221, 59.3034, 59.5488 looks on a white background.

Color Contrast Check

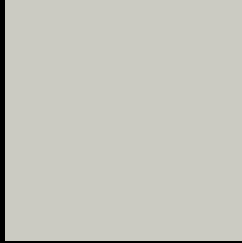
Large Text (above 18pt) WCAG AA × Fail

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 55.7221, 59.3034, 59.5488 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

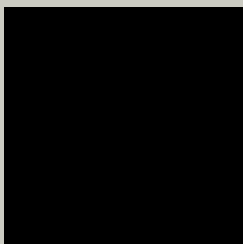
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

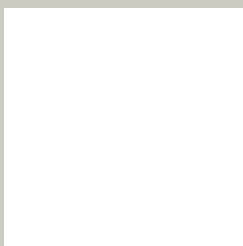
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.7221, 59.3034, 59.5488

Background



This preview shows how black text looks on a background with the XYZ color 55.7221, 59.3034, 59.5488.



This preview shows how white text looks on a background with the XYZ color 55.7221, 59.3034,

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

55.7221, 59.3034, 59.5488

Protanopia

56.5247, 59.0334, 58.8675

Deuteranopia

60.3307, 59.2673, 59.8897



Tritanopia

58.5025, 59.3882, 73.3454

Trichromacy



Original Color

55.7221, 59.3034, 59.5488

Protanomaly

56.1998, 59.2131, 58.9193

Deuteranomaly

58.5927, 59.3859, 60.0042

Tritanomaly

57.4486, 59.3065, 68.0939

Monochromacy



Original Color

55.7221, 59.3034, 59.5488

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

55.7865, 58.9211, 62.4655

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.7221, 59.3034, 59.5488 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(203, 203, 194)` looks like.

```
.text, #text, p{  
    color:rgb(203, 203, 194)  
}
```

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(203, 203, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 203, 194) }
```

Border

The CSS property to change the border of an element to XYZ 55.7221, 59.3034, 59.5488 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(203, 203, 194) }
```


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

```
.border{ border-color:rgb(203, 203, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 203, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 203, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 203, 194);  
box-shadow:4px 4px 4px 4px rgb(203, 203,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 55.7221, 59.3034, 59.5488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 203, 194) }
```

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

```
.background{ background-color: rgb(203,  
203, 194) }
```

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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