

Converting Colors

XYZ(55.8474, 60.7116, 57.3949)

Have a look what the booklet for
XYZ(55.8474, 60.7116, 57.3949)
contains.

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Color

**XYZ(55.9642, 60.8999,
57.5204)**

Conversions

Conversions Part 1

Format	Color
Hex	CACFBE
RGB	202, 207, 190
RGB Percent	79%, 81%, 75%
CMY	0.2078, 0.1882, 0.2549
CMYK	0.02, 0.00, 0.08, 0.19
HSL	78°, 15%, 78%
HSV	78°, 8%, 81%
XYZ	55.9642, 60.8999, 57.5204
YIQ	203.5670, 2.4770, -6.3470

Conversions

Conversions Part 2

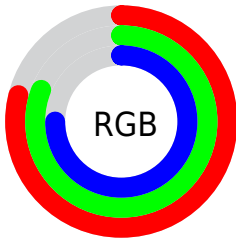
Format	Color
RYB	190, 207, 195
Decimal	13291454
CIELab	82.32, -4.74, 7.85
CIELCh	82, 9.167, 121.116
Yxy	60.8999, 0.3209, 0.3492
Android (android.graphics.Color)	4291481534 (0xFFCACFBE)
YUV	203.5670, -6.6885, -1.3743
Hunter-Lab	78.0384, -8.5583, 10.9255

Details

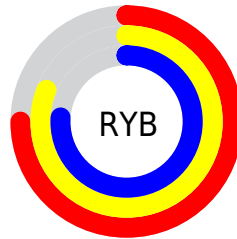
The XYZ color **55.9642, 60.8999, 57.5204** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.1840, 52.9356, 66.5019**, and the grayscale version is **57.1625, 60.1394, 65.4918**.

A 20% lighter version of the original color is **93.6346, 99.4338, 101.4464**, and **28.1193, 30.8845, 28.1462** is the 20% darker color. If you saturate the color by 10%, you get **52.2451, 59.2275, 46.3629**, and if you desaturate by 10%, it is **60.0731, 62.7397, 70.3761**.

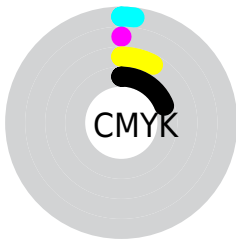
Distribution



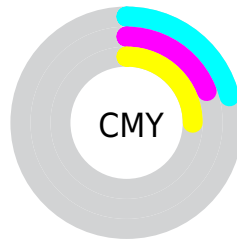
- Red (79%)
- Green (81%)
- Blue (75%)



- Red (75%)
- Yellow (81%)
- Blue (76%)



- Cyan (2%)
- Magenta (0%)
- Yellow (8%)
- Black (19%)



- Cyan (21%)
- Magenta (19%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.9642, 60.8999, 57.5204 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 55.9642, 60.8999, 57.5204 by changing the saturation by 10% instead.

■ 55.9642, 60.8999,
57.5204

■ 55.9642, 60.8999,
57.5204

399.6338,
427.9069, 432.9447

■ 40.4111, 44.1444,
41.0111

■ 98.0923, 106.1340,
102.7320

■ 28.0449, 30.7840,
28.0080

125.3981,
135.3814, 132.2713

■ 18.5001, 20.4345,
18.0926

157.3521,
169.5615, 166.9910

■ 11.4115, 12.7112,
10.8463

194.3198,
209.0587, 207.3097

■ 6.4136, 7.2300,
5.8507

236.6664,
254.2575, 253.6459

■ 3.1412, 3.6064,
2.6872

284.7574,

■ 1.2289, 1.4559,

305.5422, 306.4181

0.9370

338.9581,
363.2972, 366.0448

■ 0.1290, 0.2574,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.9642, 60.8999,
57.5204

■ 55.9642, 60.8999,
57.5204

■ 52.2451, 59.2275,
46.3629

■ 60.0731, 62.7397,
70.3761

■ 48.8966, 57.7089,
36.8286

■ 64.5803, 64.7443,
84.9929

■ 45.9052, 56.3404,
28.8429

■ 69.5001, 66.9217,
101.4352

■ 43.2545, 55.1155,
22.3236

■ 71.8438, 68.0765,
103.9612

■ 40.9267, 54.0269,
17.1811

■ 73.7925, 69.0811,
104.0524

■ 38.9022, 53.0667,
13.3157

■ 75.8097, 70.1210,
104.1468

■ 37.1587, 52.2258,
10.6147

■ 77.8963, 71.1966,
104.2445

■ 35.6702, 51.4939,
8.9453

■ 80.0528, 72.3083,
104.3454

■ 34.3981, 50.8553,
8.1092

■ 81.6040, 73.1081,
104.4180

Harmonies

Analogous

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



57.8104, 60.8999, 56.1260



55.9642, 60.8999, 57.5204



54.6568, 60.8999, 61.2483

Triad

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



55.9642, 60.8999, 57.5204



56.0882, 60.8999, 76.1811



61.7205, 60.8999, 66.1004

Complementary

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



55.9642, 60.8999, 57.5204



52.1840, 52.9356, 66.5019

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.



61.2349, 60.8999, 71.6424



55.9642, 60.8999, 57.5204



57.9567, 60.8999, 77.6561

Square

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



55.9642, 60.8999, 57.5204



54.7272, 60.8999, 72.0251



59.8462, 60.8999, 75.9515



61.1589, 60.8999, 60.9048

Rectangle

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



55.9642, 60.8999, 57.5204



54.2514, 60.8999, 64.6623



59.8462, 60.8999, 75.9515



61.6742, 60.8999, 67.9847

Sweetspot

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



55.9659, 60.9025, 57.5217



93.6896, 99.3923, 104.6070



54.5026, 55.9331, 56.6396



20.0677, 21.2804, 22.4351



0.0000, 0.0000, 0.0000



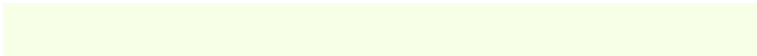
20.3446, 21.4041, 23.3091

Same Dimension

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



55.9659, 60.9025, 57.5217



88.5056, 97.0695, 88.5668



53.7760, 59.7736, 57.4192



12.4505, 13.6157, 12.5839



21.6345, 32.0219, 5.0406



1.2869, 1.8303, 0.2855

Inverse Universe

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



52.1840, 52.9356, 66.5019



81.1344, 81.5410, 106.0705



54.3930, 54.0744, 66.6053



11.4860, 11.5838, 14.8742



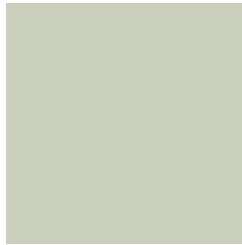
8.3881, 3.5045, 37.4268



0.5485, 0.2369, 2.0964

Previews

White Background



This preview shows how the XYZ color 55.9642, 60.8999, 57.5204 looks on a white background.

Color Contrast Check

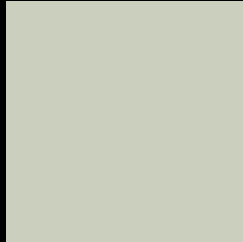
Large Text (above 18pt) WCAG AA × Fail

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 55.9642, 60.8999, 57.5204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

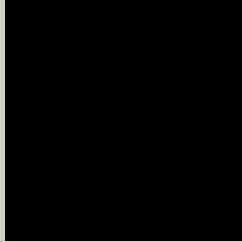
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

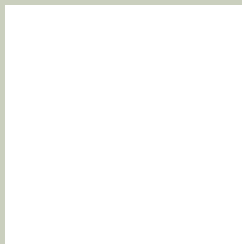
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.9642, 60.8999, 57.5204

Background



This preview shows how black text looks on a background with the XYZ color 55.9642, 60.8999, 57.5204.



This preview shows how white text looks on a background with the XYZ color 55.9642, 60.8999,

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

55.9642, 60.8999, 57.5204

Protanopia

57.8213, 60.8136, 56.2676

Deuteranopia

62.0216, 60.8520, 58.3459



Tritanopia

59.5957, 60.9482, 75.6410

Trichromacy



Original Color

55.9642, 60.8999, 57.5204

Protanomaly

57.0291, 60.7467, 56.8636

Deuteranomaly

59.5040, 60.5949, 57.8500

Tritanomaly

58.1549, 60.7189, 68.3293

Monochromacy



Original Color

55.9642, 60.8999, 57.5204

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

56.7687, 60.4827, 62.7151

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.9642, 60.8999, 57.5204 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, 207, 190)` looks like.

```
.text, #text, p{  
    color:rgb(202, 207, 190)  
}
```

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, 207, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 207, 190) }
```

Border

The CSS property to change the border of an element to XYZ 55.9642, 60.8999, 57.5204 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, 207, 190) }
```


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

```
.border{ border-color:rgb(202, 207, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 207, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 207, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 207, 190);  
box-shadow:4px 4px 4px 4px rgb(202, 207,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 55.9642, 60.8999, 57.5204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 207, 190) }
```

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

```
.background{ background-color: rgb(202,  
207, 190) }
```

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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