

Converting Colors

XYZ(54.5302, 54.8062, 63.7804)

Have a look what the booklet for
XYZ(54.5302, 54.8062, 63.7804)
contains.

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Color

**XYZ(54.4121, 54.8009,
63.5869)**

Conversions

Conversions Part 1

Format	Color
Hex	CCC0CA
RGB	204, 192, 202
RGB Percent	80%, 75%, 79%
CMY	0.2000, 0.2470, 0.2078
CMYK	0.00, 0.06, 0.01, 0.20
HSL	310°, 11%, 78%
HSV	310°, 6%, 80%
XYZ	54.4121, 54.8009, 63.5869
YIQ	196.7280, 3.9420, 5.6540

Conversions

Conversions Part 2

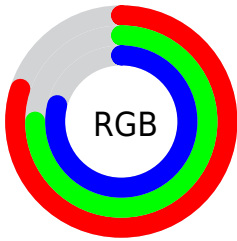
Format	Color
R_{YB}	204, 192, 202
Decimal	13418698
CIE _{Lab}	78.93, 6.00, -3.51
CIE _{LCh}	79, 6.950, 329.700
Yxy	54.8009, 0.3149, 0.3171
Android (android.graphics.Color)	4291608778 (0xFFCCC0CA)
YUV	196.7280, 2.5991, 6.3775
Hunter-Lab	74.0276, 1.6535, 0.8915

Details

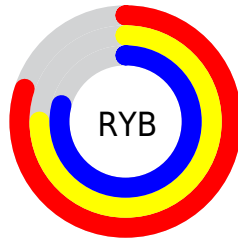
The XYZ color **54.4121, 54.8009, 63.5869** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.0707, 58.2886, 59.4954**, and the grayscale version is **52.8914, 55.6458, 60.5983**.

A 20% lighter version of the original color is **92.8574, 95.6148, 108.1691**, and **27.1556, 27.0874, 31.8141** is the 20% darker color. If you saturate the color by 10%, you get **49.8420, 46.2973, 60.0993**, and if you desaturate by 10%, it is **59.6151, 64.5545, 67.3306**.

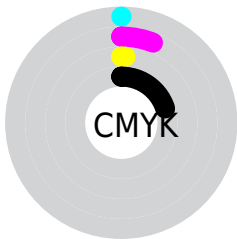
Distribution



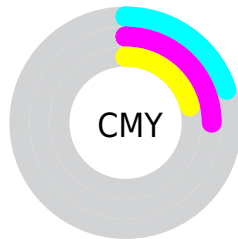
- Red (80%)
- Green (75%)
- Blue (79%)



- Red (80%)
- Yellow (75%)
- Blue (79%)



- Cyan (0%)
- Magenta (6%)
- Yellow (1%)
- Black (20%)



- Cyan (20%)
- Magenta (25%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.4121, 54.8009, 63.5869 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 54.4121, 54.8009, 63.5869 by changing the saturation by 10% instead.

■ 54.4121, 54.8009,
63.5869

■ 54.4121, 54.8009,
63.5869

393.8523,
405.1568, 455.8628

■ 39.1632, 39.2423,
45.8721

■ 95.8324, 97.2492,
111.6095

■ 27.0680, 26.9483,
31.7970

122.7345,
124.9077, 142.7545

■ 17.7612, 17.5344,
20.9429

154.2518,
157.3683, 179.2132

■ 10.8773, 10.6162,
12.8915

190.7495,
195.0154, 221.4043

■ 6.0511, 5.8094,
7.2240

232.5931,
238.2334, 269.7462

■ 2.9171, 2.7295,
3.5220

280.1478,

■ 1.1101, 0.9922,

287.4067, 324.6576

1.3670

333.7791,
342.9197, 386.5569

■ 0.0335, 0.0000,
0.1158

■ 0.0000, 0.0000,
0.0000

■ 54.4121, 54.8009,
63.5869

■ 54.4121, 54.8009,
63.5869

■ 49.8420, 46.2973,
60.0993

■ 59.6151, 64.5545,
67.3306

■ 45.8746, 38.9858,
56.8554

■ 65.4701, 75.5987,
71.3351

■ 42.4844, 32.8145,
53.8471

■ 72.0016, 87.9815,
75.6094

■ 39.6419, 27.7249,
51.0643

■ 73.0057, 89.2950,
78.0858

37.3153, 23.6532,
48.4962

73.4490, 89.4723,
80.4202

35.4695, 20.5292,
46.1307

73.9015, 89.6533,
82.8028

34.0646, 18.2735,
43.9543

74.3631, 89.8379,
85.2338

33.0544, 16.7938,
41.9512

74.8340, 90.0263,
87.7136

32.3817, 15.9753,
40.1021

75.3143, 90.2184,
90.2424

Harmonies

Analogous

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



53.4128, 54.8009, 66.5185



54.4121, 54.8009, 63.5869



54.7862, 54.8009, 59.7087

Triad

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



54.4121, 54.8009, 63.5869



52.1005, 54.8009, 52.3855



49.8149, 54.8009, 63.5150

Complementary

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



54.4121, 54.8009, 63.5869



53.0707, 58.2886, 59.4954

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.



49.4772, 54.8009, 59.6291



54.4121, 54.8009, 63.5869



50.7825, 54.8009, 53.3063

Square

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



54.4121, 54.8009, 63.5869



53.4373, 54.8009, 53.3433



49.8283, 54.8009, 55.9152



50.7589, 54.8009, 66.4757

Rectangle

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



54.4121, 54.8009, 63.5869



54.6257, 54.8009, 57.1429



49.8283, 54.8009, 55.9152



49.6274, 54.8009, 62.2682

Sweetspot

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



54.4137, 54.8033, 63.5881



93.3079, 96.7344, 107.6455



51.9991, 53.5310, 64.7193



19.9900, 20.7393, 23.0538



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.



54.4137, 54.8033, 63.5881



89.1422, 88.9451, 104.5855



53.7171, 54.5246, 59.9198



11.7993, 11.7343, 13.8626



20.2696, 9.9184, 24.9359



1.0676, 0.5204, 1.4017

Inverse Universe

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



54.4137, 54.8033, 63.5881



89.1422, 88.9451, 104.5855



53.7582, 58.5636, 63.1156



11.7993, 11.7343, 13.8626



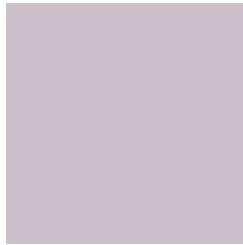
20.2696, 9.9184, 24.9359



1.0676, 0.5204, 1.4017

Previews

White Background



This preview shows how the XYZ color 54.4121, 54.8009, 63.5869 looks on a white background.

Color Contrast Check

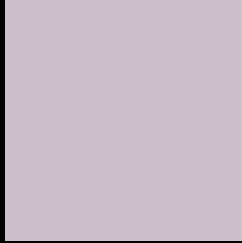
Large Text (above 18pt) WCAG AA × Fail

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 54.4121, 54.8009, 63.5869 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

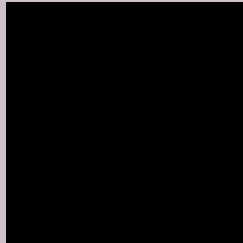
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.4121, 54.8009, 63.5869

Background



This preview shows how black text looks on a background with the XYZ color 54.4121, 54.8009, 63.5869.



This preview shows how white text looks on a background with the XYZ color 54.4121, 54.8009,

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

54.4121, 54.8009, 63.5869

Protanopia

53.0972, 54.7657, 64.2722

Deuteranopia

55.7222, 54.5083, 63.4614



Tritanopia

54.9482, 54.6970, 66.0540

Trichromacy



Original Color

54.4121, 54.8009, 63.5869

Protanomaly

53.6689, 54.7311, 64.2354

Deuteranomaly

55.0866, 54.5011, 63.4935

Tritanomaly

54.8271, 54.6485, 65.4161

Monochromacy



Original Color

54.4121, 54.8009, 63.5869

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

53.6433, 55.4331, 61.9052

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4121, 54.8009, 63.5869 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(204, 192, 202) looks like.

```
.text, #text, p{  
    color:rgb(204, 192, 202)  
}
```

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(204, 192, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 192, 202) }
```

Border

The CSS property to change the border of an element to XYZ 54.4121, 54.8009, 63.5869 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(204, 192, 202) }
```


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

```
.border{ border-color:rgb(204, 192, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 192, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 192, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 192, 202);  
box-shadow:4px 4px 4px 4px rgb(204, 192,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4121, 54.8009, 63.5869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 192, 202) }
```

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

```
.background{ background-color: rgb(204,  
192, 202) }
```

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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