

Converting Colors

XYZ(53.6008, 54.7584, 61.6195)

Have a look what the booklet for
XYZ(53.6008, 54.7584, 61.6195)
contains.

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Color

**XYZ(53.7359, 54.8200,
61.7820)**

Conversions

Conversions Part 1

Format	Color
Hex	CAC1C7
RGB	202, 193, 199
RGB Percent	79%, 76%, 78%
CMY	0.2078, 0.2431, 0.2196
CMYK	0.00, 0.04, 0.01, 0.21
HSL	320°, 8%, 77%
HSV	320°, 4%, 79%
XYZ	53.7359, 54.8200, 61.7820
YIQ	196.3750, 3.4380, 3.7740

Conversions

Conversions Part 2

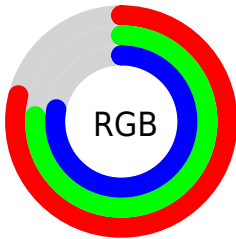
Format	Color
RYB	202, 193, 199
Decimal	13287879
CIELab	78.94, 4.23, -1.89
CIELCh	79, 4.630, 335.898
Yxy	54.8200, 0.3155, 0.3218
Android (android.graphics.Color)	4291477959 (0xFFCAC1C7)
YUV	196.3750, 1.2941, 4.9331
Hunter-Lab	74.0405, -0.0222, 2.3547

Details

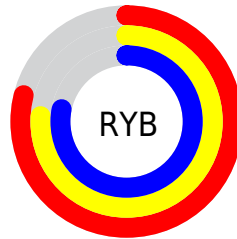
The XYZ color **53.7359, 54.8200, 61.7820** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.0787, 57.5655, 60.5411**, and the grayscale version is **52.6868, 55.4306, 60.3640**.

A 20% lighter version of the original color is **93.1657, 96.2314, 108.2719**, and **26.7017, 27.0964, 30.6109** is the 20% darker color. If you saturate the color by 10%, you get **48.8075, 46.1866, 56.3661**, and if you desaturate by 10%, it is **59.3120, 64.6919, 67.5860**.

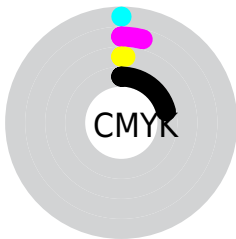
Distribution



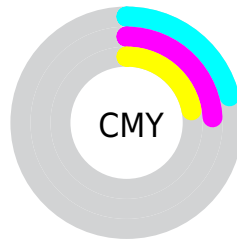
- Red (79%)
- Green (76%)
- Blue (78%)



- Red (79%)
- Yellow (76%)
- Blue (78%)



- Cyan (0%)
- Magenta (4%)
- Yellow (1%)
- Black (21%)



- Cyan (21%)
- Magenta (24%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.7359, 54.8200, 61.7820 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 53.7359, 54.8200, 61.7820 by changing the saturation by 10% instead.

■ 53.7359, 54.8200,
61.7820

■ 53.7359, 54.8200,
61.7820

391.3169,
405.2293, 449.1211

■ 38.6204, 39.2576,
44.4219

■ 94.8455, 97.2772,
108.9789

■ 26.6439, 26.9602,
30.6627

121.5704,
124.9408, 139.6529

■ 17.4412, 17.5433,
20.0858

152.8957,
157.4069, 175.6018

■ 10.6468, 10.6226,
12.2728

189.1868,
195.0599, 217.2444

■ 5.8954, 5.8137,
6.8049

230.8092,
238.2843, 264.9991

■ 2.8216, 2.7321,
3.2638

278.1281,

■ 1.0602, 0.9935,

287.4644, 319.2844

1.2309

331.5089,
342.9846, 380.5189

■ 0.0000, 0.0000,
0.0041

■ 0.0000, 0.0000,
0.0000

■ 53.7359, 54.8200,
61.7820

■ 53.7359, 54.8200,
61.7820

■ 48.8075, 46.1866,
56.3661

■ 59.3120, 64.6919,
67.5860

■ 44.4971, 38.7352,
51.3241

■ 65.5546, 75.8415,
73.7844

■ 40.7796, 32.4155,
46.6462

■ 72.4878, 88.3155,
80.3881

■ 37.6262, 27.1710,
42.3205

■ 73.8373, 89.5647,
85.3077

■ 35.0059, 22.9401,
38.3343

■ 74.7798, 89.9417,
90.2707

■ 32.8844, 19.6550,
34.6738

■ 75.7590, 90.3334,
95.4272

■ 31.2232, 17.2396,
31.3237

■ 76.7754, 90.7399,
100.7791

■ 29.9778, 15.6058,
28.2669

■ 77.8292, 91.1614,
106.3286

■ 29.0945, 14.6468,
25.4827

■ 78.1675, 91.2967,
108.1099

Harmonies

Analogous

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



53.1487, 54.8200, 63.8874



53.7359, 54.8200, 61.7820



53.8839, 54.8200, 59.1707

Triad

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



53.7359, 54.8200, 61.7820



51.9232, 54.8200, 54.7918



50.6852, 54.8200, 62.7091

Complementary

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



53.7359, 54.8200, 61.7820



53.0787, 57.5655, 60.5411

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.



50.3653, 54.8200, 60.2117



53.7359, 54.8200, 61.7820



51.0746, 54.8200, 55.6799

Square

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



53.7359, 54.8200, 61.7820



52.8303, 54.8200, 55.1845



50.5070, 54.8200, 57.6451



51.3859, 54.8200, 64.4336

Rectangle

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



53.7359, 54.8200, 61.7820



53.7120, 54.8200, 57.5046



50.5070, 54.8200, 57.6451



50.5299, 54.8200, 61.9294

Sweetspot

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



53.7375, 54.8224, 61.7832



94.1053, 98.3291, 107.9112



52.4977, 54.1426, 63.5616



20.1524, 21.0641, 23.1079



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.



53.7375, 54.8224, 61.7832



90.4395, 91.8624, 104.0236



53.2228, 54.6165, 59.0732



11.9497, 12.0880, 13.7496



18.5142, 9.2163, 15.6924



0.9894, 0.4892, 0.9902

Inverse Universe

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



53.7375, 54.8224, 61.7832



90.4395, 91.8624, 104.0236



53.5985, 57.7734, 63.2781



11.9497, 12.0880, 13.7496



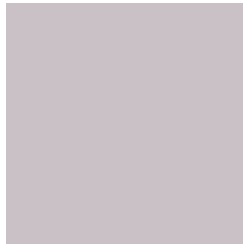
18.5142, 9.2163, 15.6924



0.9894, 0.4892, 0.9902

Previews

White Background



This preview shows how the XYZ color 53.7359, 54.8200, 61.7820 looks on a white background.

Color Contrast Check

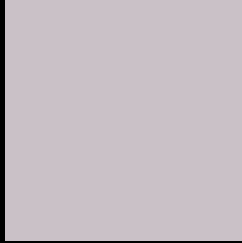
Large Text (above 18pt) WCAG AA × Fail

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 53.7359, 54.8200, 61.7820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

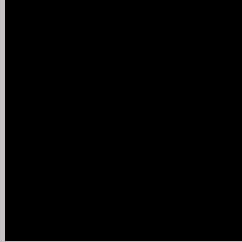
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

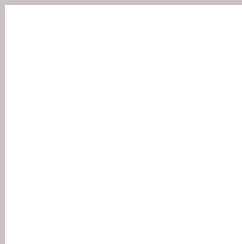
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.7359, 54.8200, 61.7820

Background



This preview shows how black text looks on a background with the XYZ color 53.7359, 54.8200, 61.7820.



This preview shows how white text looks on a background with the XYZ color 53.7359, 54.8200,

61.7820.

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

53.7359, 54.8200, 61.7820

Protanopia

53.0058, 54.7595, 62.4195

Deuteranopia

55.7743, 54.5624, 62.2355



Tritanopia

54.7407, 54.9008, 66.7432

Trichromacy



Original Color

53.7359, 54.8200, 61.7820

Protanomaly

53.2703, 54.8958, 62.4319

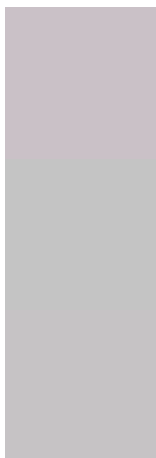
Deuteranomaly

54.8512, 54.4069, 62.2542

Tritanomaly

54.3773, 54.7554, 64.8296

Monochromacy



Original Color

53.7359, 54.8200, 61.7820

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.8819, 55.0672, 60.6652

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.7359, 54.8200, 61.7820 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, 193, 199) looks like.

```
.text, #text, p{  
    color:rgb(202, 193, 199)  
}
```

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, 193, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 193, 199) }
```

Border

The CSS property to change the border of an element to XYZ 53.7359, 54.8200, 61.7820 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, 193, 199) }
```


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

```
.border{ border-color:rgb(202, 193, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 193, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 193, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 193, 199);  
box-shadow:4px 4px 4px 4px rgb(202, 193,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 53.7359, 54.8200, 61.7820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 193, 199) }
```

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

```
.background{ background-color: rgb(202,  
193, 199) }
```

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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