

Converting Colors

XYZ(53.4142, 54.3175, 58.5915)

Have a look what the booklet for
XYZ(53.4142, 54.3175, 58.5915)
contains.

XYZ(53.4891, 54.4317, 58.7261)	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(53.4891, 54.4317,
58.7261)**

Conversions

Conversions Part 1

Format	Color
Hex	CCC0C2
RGB	204, 192, 194
RGB Percent	80%, 75%, 76%
CMY	0.2000, 0.2470, 0.2392
CMYK	0.00, 0.06, 0.05, 0.20
HSL	350°, 11%, 78%
HSV	350°, 6%, 80%
XYZ	53.4891, 54.4317, 58.7261
YIQ	195.8160, 6.5100, 3.1660

Conversions

Conversions Part 2

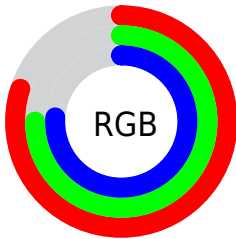
Format	Color
R_{YB}	204, 192, 194
Decimal	13418690
CIE _{Lab}	78.71, 4.56, 0.50
CIE _{LCh}	79, 4.588, 6.234
Yxy	54.4317, 0.3210, 0.3266
Android (android.graphics.Color)	4291608770 (0xFFCCC0C2)
YUV	195.8160, -0.8953, 7.1774
Hunter-Lab	73.7778, 0.3017, 4.4505

Details

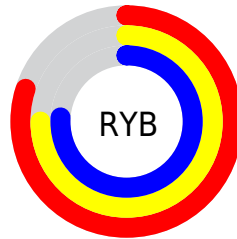
The XYZ color **53.4891, 54.4317, 58.7261** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.9939, 58.6579, 64.3564**, and the grayscale version is **52.3629, 55.0898, 59.9928**.

A 20% lighter version of the original color is **92.0627, 95.2969, 103.9844**, and **26.5439, 26.8427, 28.5931** is the 20% darker color. If you saturate the color by 10%, you get **47.5150, 45.3665, 47.8453**, and if you desaturate by 10%, it is **60.3057, 64.8307, 70.9674**.

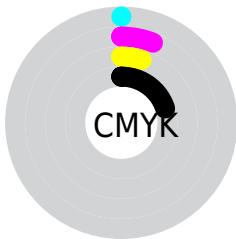
Distribution



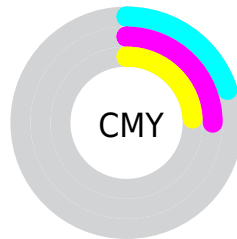
- Red (80%)
- Green (75%)
- Blue (76%)



- Red (80%)
- Yellow (75%)
- Blue (76%)



- Cyan (0%)
- Magenta (6%)
- Yellow (5%)
- Black (20%)



- Cyan (20%)
- Magenta (25%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.4891, 54.4317, 58.7261 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 53.4891, 54.4317, 58.7261 by changing the saturation by 10% instead.

■ 53.4891, 54.4317,
58.7261

■ 53.4891, 54.4317,
58.7261

390.3890,
403.7541, 437.5597

■ 38.4224, 38.9469,
41.9741

■ 94.4850, 96.7078,
104.5047

■ 26.4894, 26.7184,
28.7556

121.1449,
124.2679, 134.3683

■ 17.3247, 17.3619,
18.6520

152.3999,
156.6219, 169.4397

■ 10.5630, 10.4928,
11.2449

188.6154,
194.1542, 210.1371

■ 5.8389, 5.7269,
6.1155

230.1566,
237.2492, 256.8794

■ 2.7871, 2.6798,
2.8455

277.3891,

■ 1.0422, 0.9669,

286.2912, 310.0848

1.0163

330.6781,
341.6647, 370.1721

■ 0.0000, 0.0000,
0.0000

■ 53.4891, 54.4317,
58.7261

■ 53.4891, 54.4317,
58.7261

■ 47.5150, 45.3665,
47.8453

■ 60.3057, 64.8307,
70.9674

■ 42.3461, 37.5744,
38.2743

■ 67.9912, 76.6072,
84.6104

■ 37.9491, 31.0004,
29.9645

■ 76.5763, 89.8114,
99.6990

■ 34.2865, 25.5827,
22.8630

■ 78.7122, 91.5775,
108.1354

■ 31.3177, 21.2542,
16.9129

■ 28.9981, 17.9407,
12.0529

■ 27.2778, 15.5588,
8.2158

■ 26.0994, 14.0118,
5.3266

■ 25.3928, 13.1798,
3.2993

Harmonies

Analogous

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



53.3485, 54.4317, 61.3030



53.4891, 54.4317, 58.7261



53.1554, 54.4317, 56.3629

Triad

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



53.4891, 54.4317, 58.7261



50.7115, 54.4317, 55.3281



51.0359, 54.4317, 63.9573

Complementary

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



53.4891, 54.4317, 58.7261



53.9939, 58.6579, 64.3564

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.



50.3415, 54.4317, 62.2689



53.4891, 54.4317, 58.7261



50.1557, 54.4317, 57.2764

Square

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



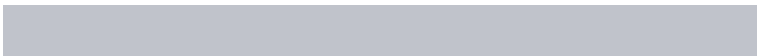
53.4891, 54.4317, 58.7261



51.5465, 54.4317, 54.4383



50.0210, 54.4317, 59.8109



51.9253, 54.4317, 64.3728

Rectangle

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



53.4891, 54.4317, 58.7261



52.7112, 54.4317, 55.2103



50.0210, 54.4317, 59.8109



50.7723, 54.4317, 63.5174

Sweetspot

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



53.4906, 54.4341, 58.7273



92.7675, 96.5183, 104.7998



54.1076, 54.6179, 64.8180



19.8800, 20.6953, 22.4745



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.



53.4906, 54.4341, 58.7273



87.3137, 88.2137, 94.9570



54.1579, 56.1250, 57.8508



11.5426, 11.6316, 12.5105



15.8782, 8.1619, 1.8112



0.8435, 0.4308, 0.2215

Inverse Universe

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



53.4906, 54.4341, 58.7273



87.3137, 88.2137, 94.9570



53.2935, 56.8765, 65.2969



11.5426, 11.6316, 12.5105



15.8782, 8.1619, 1.8112



0.8435, 0.4308, 0.2215

Previews

White Background



This preview shows how the XYZ color 53.4891, 54.4317, 58.7261 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 53.4891, 54.4317, 58.7261 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

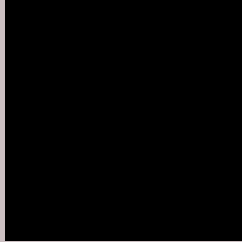
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.4891, 54.4317, 58.7261

Background



This preview shows how black text looks on a background with the XYZ color 53.4891, 54.4317, 58.7261.



This preview shows how white text looks on a background with the XYZ color 53.4891, 54.4317,

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

53.4891, 54.4317, 58.7261

Protanopia

52.4308, 54.5295, 59.3916

Deuteranopia

55.4885, 54.4815, 59.2212



Tritanopia

54.8865, 54.3565, 65.3566

Trichromacy



Original Color

53.4891, 54.4317, 58.7261

Protanomaly

52.7397, 54.3594, 59.3425

Deuteranomaly

54.8421, 54.4687, 59.2528

Tritanomaly

54.3503, 54.4578, 62.9052

Monochromacy



Original Color

53.4891, 54.4317, 58.7261

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.9186, 55.1125, 59.4784

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.4891, 54.4317, 58.7261 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, 194) looks like.

```
.text, #text, p{  
    color:rgb(204, 192, 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(204, 192, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 192, 194) }
```

Border

The CSS property to change the border of an element to XYZ 53.4891, 54.4317, 58.7261 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, 194) }
```


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

```
.border{ border-color:rgb(204, 192, 194) }
```

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, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 192, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 192, 194);  
box-shadow:4px 4px 4px 4px rgb(204, 192,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 53.4891, 54.4317, 58.7261 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, 194) }
```

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

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