

Converting Colors

XYZ(53.4280, 53.7697, 59.8939)

Have a look what the booklet for
XYZ(53.4280, 53.7697, 59.8939)
contains.

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Color

**XYZ(53.2791, 53.6498,
59.7719)**

Conversions

Conversions Part 1

Format	Color
Hex	CCBEC4
RGB	204, 190, 196
RGB Percent	80%, 75%, 77%
CMY	0.2000, 0.2549, 0.2314
CMYK	0.00, 0.07, 0.04, 0.20
HSL	334°, 12%, 77%
HSV	334°, 7%, 80%
XYZ	53.2791, 53.6498, 59.7719
YIQ	194.8700, 6.4180, 4.8340

Conversions

Conversions Part 2

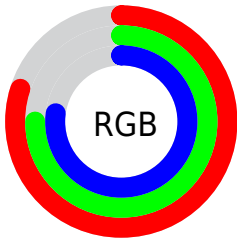
Format	Color
RYB	204, 190, 196
Decimal	13418180
CIELab	78.26, 5.98, -1.25
CIElCh	78, 6.113, 348.218
Yxy	53.6498, 0.3196, 0.3218
Android (android.graphics.Color)	4291608260 (0xFFCCBEC4)
YUV	194.8700, 0.5571, 8.0070
Hunter-Lab	73.2460, 1.6602, 2.8890

Details

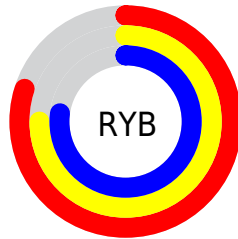
The XYZ color **53.2791, 53.6498, 59.7719** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.0231, 58.2115, 61.8702**, and the grayscale version is **51.7898, 54.4869, 59.3362**.

A 20% lighter version of the original color is **91.9254, 94.2634, 106.2782**, and **26.4058, 26.3283, 29.2813** is the 20% darker color. If you saturate the color by 10%, you get **47.8905, 44.9140, 51.6804**, and if you desaturate by 10%, it is **59.3924, 63.6684, 68.6152**.

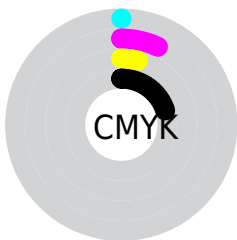
Distribution



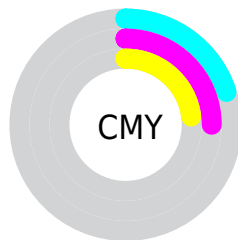
- Red (80%)
- Green (75%)
- Blue (77%)



- Red (80%)
- Yellow (75%)
- Blue (77%)



- Cyan (0%)
- Magenta (7%)
- Yellow (4%)
- Black (20%)





- Cyan (20%)
- Magenta (25%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.2791, 53.6498, 59.7719 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 53.2791, 53.6498, 59.7719 by changing the saturation by 10% instead.


 53.2791, 53.6498,
59.7719

 53.2791, 53.6498,
59.7719


389.5984,
400.7732, 441.5378

 38.2540, 38.3218,
42.8107


 94.1780, 95.5599,
106.0388

 26.3580, 26.2325,
29.4063


120.7826,
122.9107, 136.1817

 17.2257, 16.9977,
19.1402


151.9777,
155.0378, 171.5555

 10.4919, 10.2328,
11.5938

188.1286,
192.3258, 212.5788

 5.7910, 5.5536,
6.3486

229.6008,
235.1589, 259.6701

 2.7579, 2.5756,
2.9860

276.7596,

 1.0271, 0.9144,

283.9216, 313.2480

1.0875

329.9703,
338.9982, 373.7311

■ 0.0000, 0.0000,
0.0000

■ 53.2791, 53.6498,
59.7719

■ 53.2791, 53.6498,
59.7719

■ 47.8905, 44.9140,
51.6804

■ 59.3924, 63.6684,
68.6152

■ 43.1940, 37.4020,
44.3164

■ 66.2521, 75.0117,
78.2267

■ 39.1616, 31.0606,
37.6593

■ 73.8847, 87.7286,
88.6267

■ 35.7612, 25.8296,
31.6860

■ 76.7857, 90.8070,
97.9909

■ 32.9581, 21.6440,
26.3721

■ 78.5999, 91.5326,
107.5442

■ 30.7140, 18.4315,
21.6914

■ 78.7122, 91.5775,
108.1354

■ 28.9859, 16.1105,
17.6155

■ 27.7238, 14.5861,
14.1129

■ 26.8626, 13.7329,
11.1462

Harmonies

Analogous

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



52.7282, 53.6498, 62.9187



53.2791, 53.6498, 59.7719



53.2103, 53.6498, 56.3788

Triad

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



53.2791, 53.6498, 59.7719



50.2763, 53.6498, 52.3750



49.4742, 53.6498, 63.4702

Complementary

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



53.2791, 53.6498, 59.7719



53.0231, 58.2115, 61.8702

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.



48.8373, 53.6498, 60.5007



53.2791, 53.6498, 59.7719



49.2954, 53.6498, 54.1325

Square

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



53.2791, 53.6498, 59.7719



51.4640, 53.6498, 52.1972



48.7723, 53.6498, 57.0798



50.5240, 53.6498, 65.1091

Rectangle

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



53.2791, 53.6498, 59.7719



52.8224, 53.6498, 54.4316



48.7723, 53.6498, 57.0798



49.2054, 53.6498, 62.5893

Sweetspot

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



53.2806, 53.6521, 59.7731



92.9787, 96.6027, 105.9118



52.5856, 53.1858, 64.6218



19.9230, 20.7125, 22.7009



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.



53.2806, 53.6521, 59.7731



87.0630, 86.9395, 97.2558



52.8142, 53.7900, 56.3169



11.4085, 11.2921, 12.6857



16.8113, 8.5351, 6.7248



0.9050, 0.4554, 0.5457

Inverse Universe

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



53.2806, 53.6521, 59.7731



87.0630, 86.9395, 97.2558



53.5077, 58.0515, 65.5124



11.4085, 11.2921, 12.6857



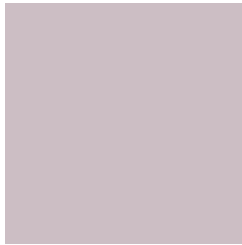
16.8113, 8.5351, 6.7248



0.9050, 0.4554, 0.5457

Previews

White Background



This preview shows how the XYZ color 53.2791, 53.6498, 59.7719 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 53.2791, 53.6498, 59.7719 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

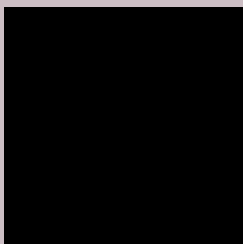
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

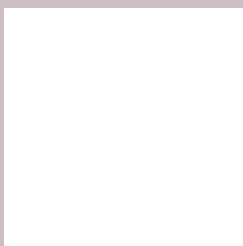
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.2791, 53.6498, 59.7719

Background



This preview shows how black text looks on a background with the XYZ color 53.2791, 53.6498, 59.7719.



This preview shows how white text looks on a background with the XYZ color 53.2791, 53.6498,

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

53.2791, 53.6498, 59.7719

Protanopia

51.9130, 53.9069, 60.4923

Deuteranopia

54.8110, 53.8008, 59.7203



Tritanopia

54.2735, 53.7340, 64.6379

Trichromacy



Original Color

53.2791, 53.6498, 59.7719

Protanomaly

52.4809, 53.8726, 60.4557

Deuteranomaly

54.1738, 53.7906, 59.7519

Tritanomaly

53.9170, 53.5914, 62.7608

Monochromacy



Original Color

53.2791, 53.6498, 59.7719

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

52.2090, 54.0858, 59.3177

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.2791, 53.6498, 59.7719 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, 190, 196) looks like.

```
.text, #text, p{  
    color:rgb(204, 190, 196)  
}
```

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, 190, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 190, 196) }
```

Border

The CSS property to change the border of an element to XYZ 53.2791, 53.6498, 59.7719 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, 190, 196) }
```


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

```
.border{ border-color:rgb(204, 190, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 190, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 190, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 190, 196);  
box-shadow:4px 4px 4px 4px rgb(204, 190,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 53.2791, 53.6498, 59.7719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 190, 196) }
```

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

```
.background{ background-color: rgb(204,  
190, 196) }
```

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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