

Converting Colors

XYZ(53.6297, 59.7040, 54.4138)

Have a look what the booklet for
XYZ(53.6297, 59.7040, 54.4138)
contains.

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Color

**XYZ(53.5755, 59.7305,
54.6044)**

Conversions

Conversions Part 1

Format	Color
Hex	C3CFB9
RGB	195, 207, 185
RGB Percent	76%, 81%, 73%
CMY	0.2353, 0.1882, 0.2745
CMYK	0.06, 0.00, 0.11, 0.19
HSL	93°, 19%, 77%
HSV	93°, 11%, 81%
XYZ	53.5755, 59.7305, 54.6044
YIQ	200.9040, -0.0900, -9.3860

Conversions

Conversions Part 2

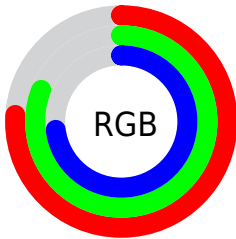
Format	Color
RYB	185, 207, 197
Decimal	12832697
CIELab	81.69, -8.06, 9.54
CIELCh	82, 12.483, 130.194
Yxy	59.7305, 0.3191, 0.3557
Android (android.graphics.Color)	4291022777 (0xFFC3CFB9)
YUV	200.9040, -7.8407, -5.1778
Hunter-Lab	77.2855, -11.5107, 12.2098

Details

The XYZ color **53.5755, 59.7305, 54.6044** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.6397, 51.0749, 66.1713**, and the grayscale version is **55.5064, 58.3970, 63.5943**.

A 20% lighter version of the original color is **91.7821, 98.5663, 97.4069**, and **26.5406, 30.1111, 26.2430** is the 20% darker color. If you saturate the color by 10%, you get **48.7395, 57.4736, 43.7894**, and if you desaturate by 10%, it is **58.9537, 62.2337, 67.1081**.

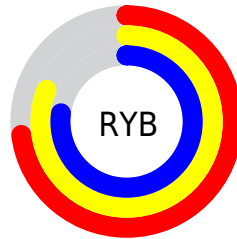
Distribution



Red (76%)

Green (81%)

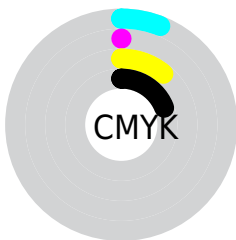
Blue (73%)



Red (73%)

Yellow (81%)

Blue (77%)

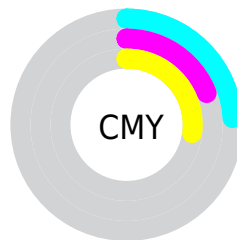


Cyan (6%)

Magenta (0%)

Yellow (11%)

Black (19%)



Cyan (24%)

Magenta (19%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.5755, 59.7305, 54.6044 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 53.5755, 59.7305, 54.6044 by changing the saturation by 10% instead.

■ 53.5755, 59.7305,
54.6044

■ 53.5755, 59.7305,
54.6044

390.7140,
423.6037, 421.6502

■ 38.4917, 43.2014,
38.6886

■ 94.6112, 104.4386,
98.4264

■ 26.5435, 30.0432,
26.2116

121.2939,
133.3865, 127.1698

■ 17.3655, 19.8714,
16.7548

152.5735,
167.2427, 161.0260

■ 10.5923, 12.3016,
9.8997

188.8155,
206.3918, 200.4138

■ 5.8587, 6.9494,
5.2278

230.3852,
251.2180, 245.7515

■ 2.7992, 3.4305,
2.3205

277.6479,

■ 1.0485, 1.3604,

302.1058, 297.4578

0.7426

330.9691,
359.4396, 355.9512

■ 0.0000, 0.1873,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.5755, 59.7305,
54.6044

■ 53.5755, 59.7305,
54.6044

■ 48.7395, 57.4736,
43.7894

■ 58.9537, 62.2337,
67.1081

■ 44.4222, 55.4471,
34.5869

■ 64.8868, 64.9829,
81.3646

■ 40.6056, 53.6454,
26.9206

■ 71.3931, 67.9880,
97.4393

■ 37.2686, 52.0592,
20.7065

■ 76.3578, 70.4034,
104.1725

■ 34.3883, 50.6788,
15.8526

■ 80.3155, 72.4437,
104.3577

■ 31.9397, 49.4935,
12.2563

■ 81.6040, 73.1079,
104.4180

■ 29.8947, 48.4915,
9.8005

■ 28.2207, 47.6590,
8.3458

■ 26.9379, 47.0117,
7.6544

Harmonies

Analogous

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



55.8832, 59.7305, 51.8175



53.5755, 59.7305, 54.6044



52.1530, 59.7305, 60.2588

Triad

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



53.5755, 59.7305, 54.6044



55.0784, 59.7305, 79.6116



61.8877, 59.7305, 62.5107

Complementary

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



53.5755, 59.7305, 54.6044



51.6397, 51.0749, 66.1713

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.



61.6561, 59.7305, 70.0600



53.5755, 59.7305, 54.6044



57.6703, 59.7305, 80.3314

Square

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



53.5755, 59.7305, 54.6044



53.0020, 59.7305, 74.8219



60.0933, 59.7305, 76.7189



60.7168, 59.7305, 56.1435

Rectangle

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



53.5755, 59.7305, 54.6044



51.8713, 59.7305, 65.0853



60.0933, 59.7305, 76.7189



61.9722, 59.7305, 64.9875

Sweetspot

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



53.5771, 59.7331, 54.6057



92.3238, 98.7341, 102.4707



54.3971, 56.5819, 53.9542



19.6081, 21.0621, 21.5745



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.



53.5771, 59.7331, 54.6057



83.8216, 94.7759, 82.8776



51.1567, 58.4764, 54.8977



12.1593, 13.4656, 12.5703



17.0774, 29.6727, 4.8273



1.0457, 1.7060, 0.2742

Inverse Universe

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



51.6397, 51.0749, 66.1713



80.0444, 77.8967, 105.4245



54.2563, 52.4341, 65.8267



11.7712, 11.7309, 14.8875



11.4909, 5.1041, 37.5720



0.7333, 0.3322, 2.1050

Previews

White Background



This preview shows how the XYZ color 53.5755, 59.7305, 54.6044 looks on a white background.

Color Contrast Check

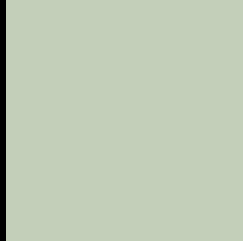
Large Text (above 18pt) WCAG AA × Fail

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 53.5755, 59.7305, 54.6044 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

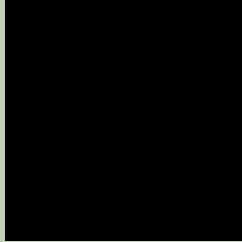
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

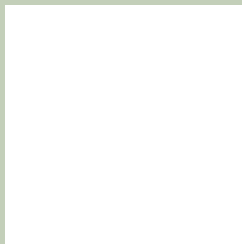
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.5755, 59.7305, 54.6044

Background



This preview shows how black text looks on a background with the XYZ color 53.5755, 59.7305, 54.6044.



This preview shows how white text looks on a background with the XYZ color 53.5755, 59.7305,

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

53.5755, 59.7305, 54.6044

Protanopia

56.4280, 59.4673, 52.7602

Deuteranopia

60.7045, 59.5617, 55.3108



Tritanopia

57.5948, 59.5824, 74.7946

Trichromacy



Original Color

53.5755, 59.7305, 54.6044

Protanomaly

55.3169, 59.5838, 53.3850

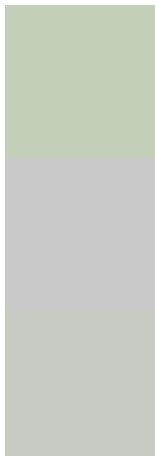
Deuteranomaly

57.8361, 59.4527, 54.8816

Tritanomaly

56.0221, 59.6477, 66.9530

Monochromacy



Original Color

53.5755, 59.7305, 54.6044

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

54.7595, 58.7941, 60.0920

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.5755, 59.7305, 54.6044 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(195, 207, 185)` looks like.

```
.text, #text, p{  
    color:rgb(195, 207, 185)  
}
```

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(195, 207, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 207, 185) }
```

Border

The CSS property to change the border of an element to XYZ 53.5755, 59.7305, 54.6044 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(195, 207, 185) }
```


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

```
.border{ border-color:rgb(195, 207, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 207, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 207, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 207, 185);  
box-shadow:4px 4px 4px 4px rgb(195, 207,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 53.5755, 59.7305, 54.6044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 207, 185) }
```

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

```
.background{ background-color: rgb(195,  
207, 185) }
```

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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