

Converting Colors

XYZ(55.9094, 59.8527, 55.0604)

Have a look what the booklet for
XYZ(55.9094, 59.8527, 55.0604)
contains.

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Color

**XYZ(55.9094, 59.8527,
55.0604)**

Conversions

Conversions Part 1

Format	Color
Hex	CECCBA
RGB	206, 204, 186
RGB Percent	81%, 80%, 73%
CMY	0.1922, 0.2000, 0.2706
CMYK	0.00, 0.01, 0.10, 0.19
HSL	54°, 17%, 77%
HSV	54°, 10%, 81%
XYZ	55.9094, 59.8527, 55.0604
YIQ	202.5460, 6.9700, -5.1740

Conversions

Conversions Part 2

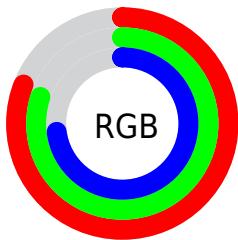
Format	Color
RYB	188, 206, 186
Decimal	13552826
CIELab	81.76, -2.43, 9.21
CIELCh	82, 9.524, 104.786
Yxy	59.8527, 0.3273, 0.3504
Android (android.graphics.Color)	4291742906 (0xFFCECCBA)
YUV	202.5460, -8.1572, 3.0292
Hunter-Lab	77.3645, -6.3905, 11.9584

Details

The XYZ color **55.9094, 59.8527, 55.0604** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.3735, 50.8610, 65.6080**, and the grayscale version is **56.5279, 59.4718, 64.7648**.

A 20% lighter version of the original color is **93.0270, 99.1908, 98.2471**, and **28.0889, 30.1815, 26.5355** is the 20% darker color. If you saturate the color by 10%, you get **53.3906, 58.0704, 44.1840**, and if you desaturate by 10%, it is **58.7537, 61.7794, 67.6045**.

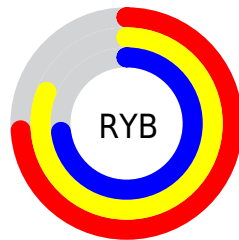
Distribution



Red (81%)

Green (80%)

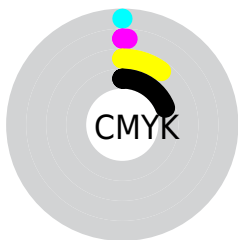
Blue (73%)



Red (74%)

Yellow (81%)

Blue (73%)

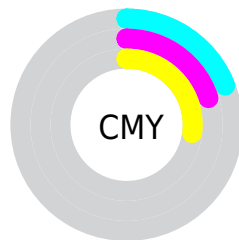


Cyan (0%)

Magenta (1%)

Yellow (10%)

Black (19%)



Cyan (19%)

Magenta (20%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.9094, 59.8527, 55.0604 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 55.9094, 59.8527, 55.0604 by changing the saturation by 10% instead.

■ 55.9094, 59.8527,
55.0604

■ 55.9094, 59.8527,
55.0604

399.4305,
424.0546, 423.4292

■ 40.3670, 43.2999,
39.0512

■ 98.0127, 104.6160,
99.1015

■ 28.0103, 30.1205,
26.4914

125.3043,
133.5952, 127.9704

■ 18.4739, 19.9301,
16.9626

157.2430,
167.4854, 161.9630

■ 11.3925, 12.3442,
10.0461

194.1941,
206.6710, 201.4977

■ 6.4007, 6.9786,
5.3235

236.5231,
251.5363, 246.9932

■ 3.1332, 3.4487,
2.3763

284.5953,

■ 1.2246, 1.3702,

302.4658, 298.8679

0.7735

338.7760,
359.8437, 357.5404

■ 0.1257, 0.1946,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.9094, 59.8527,
55.0604

■ 55.9094, 59.8527,
55.0604

■ 53.3906, 58.0704,
44.1840

■ 58.7537, 61.7794,
67.6045

■ 51.1790, 56.4193,
34.9004

■ 61.9313, 63.8479,
81.8789

■ 49.2616, 54.8961,
27.1353

■ 65.4557, 66.0655,
97.9479

■ 47.6230, 53.4947,
20.8063

■ 67.1045, 67.5433,
104.1081

46.2460, 52.2080,
15.8236

67.6225, 68.5792,
104.2808

45.1116, 51.0285,
12.0872

68.1470, 69.6283,
104.4556

44.1981, 49.9475,
9.4832

68.6782, 70.6906,
104.6327

43.4800, 48.9547,
7.8768

69.2159, 71.7660,
104.8119

42.9113, 48.0316,
7.0266

69.7603, 72.8548,
104.9934

Harmonies

Analogous

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



57.9066, 59.8527, 55.0795



55.9094, 59.8527, 55.0604



54.2137, 59.8527, 57.6385

Triad

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



55.9094, 59.8527, 55.0604



54.1940, 59.8527, 73.2660



60.6924, 59.8527, 68.1119

Complementary

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



55.9094, 59.8527, 55.0604



49.3735, 50.8610, 65.6080

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.



59.6492, 59.8527, 73.3293



55.9094, 59.8527, 55.0604



55.8818, 59.8527, 76.4219

Square

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



55.9094, 59.8527, 55.0604



53.2393, 59.8527, 68.0297



57.8783, 59.8527, 76.4457



60.7002, 59.8527, 62.3904

Rectangle

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



55.9094, 59.8527, 55.0604



53.4690, 59.8527, 60.5753



57.8783, 59.8527, 76.4457



60.4501, 59.8527, 69.9901

Sweetspot

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



55.9110, 59.8553, 55.0617



93.5995, 99.0309, 102.4608



52.0904, 51.8714, 54.8446



19.9530, 21.1420, 21.5718



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.



55.9110, 59.8553, 55.0617



89.5424, 96.2505, 84.6646



54.2237, 59.6943, 55.1195



12.0545, 12.8979, 11.9336



26.4539, 29.6408, 4.3270



1.3931, 1.5858, 0.2327

Inverse Universe

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



49.3735, 50.8610, 65.6080



76.5080, 78.3181, 105.6922



50.9484, 51.0443, 65.5604



10.6903, 11.0211, 14.1342



7.0534, 3.1308, 36.1888



0.3953, 0.2244, 1.8774

Previews

White Background



This preview shows how the XYZ color 55.9094, 59.8527, 55.0604 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 55.9094, 59.8527, 55.0604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

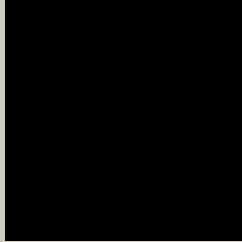
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

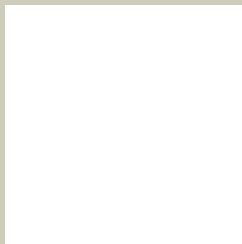
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.9094, 59.8527, 55.0604

Background



This preview shows how black text looks on a background with the XYZ color 55.9094, 59.8527, 55.0604.



This preview shows how white text looks on a background with the XYZ color 55.9094, 59.8527,

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

55.9094, 59.8527, 55.0604

Protanopia

56.7415, 59.5927, 54.4109

Deuteranopia

61.1301, 59.7687, 55.8916



Tritanopia

59.4984, 59.9165, 72.7191

Trichromacy



Original Color

55.9094, 59.8527, 55.0604

Protanomaly

56.4074, 59.7700, 54.4627

Deuteranomaly

59.2119, 59.8069, 55.4368

Tritanomaly

58.0802, 59.6882, 65.5866

Monochromacy



Original Color

55.9094, 59.8527, 55.0604

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.3358, 59.5805, 61.3543

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.9094, 59.8527, 55.0604 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(206, 204, 186) looks like.

```
.text, #text, p{  
    color:rgb(206, 204, 186)  
}
```

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(206, 204, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 204, 186) }
```

Border

The CSS property to change the border of an element to XYZ 55.9094, 59.8527, 55.0604 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(206, 204, 186) }
```


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

```
.border{ border-color:rgb(206, 204, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 204, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(206, 204, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(206, 204, 186); box-shadow:4px 4px 4px 4px rgb(206, 204, 186) }
```

Background

The CSS property to change the background color of an element to XYZ 55.9094, 59.8527, 55.0604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 204, 186) }
```

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

```
.background{ background-color: rgb(206,  
204, 186) }
```

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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