

Converting Colors

XYZ(55.0320, 60.2624, 55.0741)

Have a look what the booklet for
XYZ(55.0320, 60.2624, 55.0741)
contains.

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Color

**XYZ(55.0216, 60.1053,
55.1559)**

Conversions

Conversions Part 1

Format	Color
Hex	C9CEBA
RGB	201, 206, 186
RGB Percent	79%, 81%, 73%
CMY	0.2118, 0.1921, 0.2706
CMYK	0.02, 0.00, 0.10, 0.19
HSL	75°, 17%, 77%
HSV	75°, 10%, 81%
XYZ	55.0216, 60.1053, 55.1559
YIQ	202.2250, 3.4400, -7.2800

Conversions

Conversions Part 2

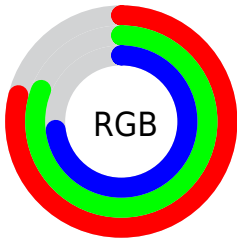
Format	Color
RYB	186, 206, 191
Decimal	13225658
CIELab	81.90, -5.25, 9.35
CIELCh	82, 10.727, 119.313
Yxy	60.1053, 0.3231, 0.3530
Android (android.graphics.Color)	4291415738 (0xFFC9CEBA)
YUV	202.2250, -7.9989, -1.0743
Hunter-Lab	77.5276, -8.9913, 12.0883

Details

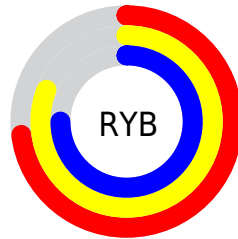
The XYZ color **55.0216, 60.1053, 55.1559** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.1877, 50.6521, 65.5274**, and the grayscale version is **56.3277, 59.2612, 64.5354**.

A 20% lighter version of the original color is **93.0270, 99.1908, 98.2471**, and **27.4945, 30.3530, 26.5999** is the 20% darker color. If you saturate the color by 10%, you get **51.6259, 58.5916, 44.3773**, and if you desaturate by 10%, it is **58.7829, 61.7745, 67.6022**.

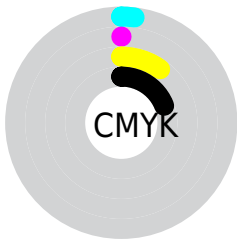
Distribution



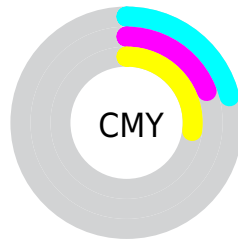
- Red (79%)
- Green (81%)
- Blue (73%)



- Red (73%)
- Yellow (81%)
- Blue (75%)



- Cyan (2%)
- Magenta (0%)
- Yellow (10%)
- Black (19%)



- Cyan (21%)
- Magenta (19%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.0216, 60.1053, 55.1559 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 55.0216, 60.1053, 55.1559 by changing the saturation by 10% instead.

■ 55.0216, 60.1053,
55.1559

■ 55.0216, 60.1053,
55.1559

396.1289,
424.9858, 423.8012

■ 39.6529, 43.5035,
39.1271

■ 96.7207, 104.9824,
99.2428

■ 27.4510, 30.2804,
26.5500

123.7819,
134.0265, 128.1379

■ 18.0506, 20.0515,
17.0061

155.4713,
167.9868, 162.1590

■ 11.0862, 12.4325,
10.0769

192.1543,
207.2478, 201.7244

■ 6.1926, 7.0389,
5.3437

234.1961,
252.1938, 247.2529

■ 3.0043, 3.4865,
2.3880

281.9623,

■ 1.1560, 1.3907,

303.2092, 299.1628

0.7799

335.8181,
360.6784, 357.8727

■ 0.0712, 0.2098,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.0216, 60.1053,
55.1559

■ 55.0216, 60.1053,
55.1559

■ 51.6259, 58.5916,
44.3773

■ 58.7829, 61.7745,
67.6022

■ 48.5769, 57.2199,
35.1918

■ 62.9179, 63.5967,
81.7790

■ 45.8614, 55.9870,
27.5246

■ 67.4407, 65.5795,
97.7504

■ 43.4634, 54.8862,
21.2936

■ 70.1290, 66.8339,
103.8118

41.3654, 53.9105,
16.4090

71.7282, 67.6583,
103.8866

39.5478, 53.0522,
12.7707

73.3760, 68.5078,
103.9637

37.9885, 52.3022,
10.2647

75.0729, 69.3826,
104.0432

36.6615, 51.6501,
8.7563

76.8192, 70.2829,
104.1249

35.5203, 51.0773,
8.0039

78.6155, 71.2089,
104.2089

Harmonies

Analogous

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



57.1805, 60.1053, 53.7434



55.0216, 60.1053, 55.1559



53.4627, 60.1053, 59.2806

Triad

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



55.0216, 60.1053, 55.1559



54.9334, 60.1053, 76.7725



61.5967, 60.1053, 65.5941

Complementary

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



55.0216, 60.1053, 55.1559



50.1877, 50.6521, 65.5274

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.



60.9577, 60.1053, 72.0214



55.0216, 60.1053, 55.1559



57.0761, 60.1053, 78.7314

Square

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



55.0216, 60.1053, 55.1559



53.4128, 60.1053, 71.7456



59.2881, 60.1053, 76.9389



61.0122, 60.1053, 59.5235

Rectangle

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



55.0216, 60.1053, 55.1559



52.9529, 60.1053, 63.1577



59.2881, 60.1053, 76.9389



61.5176, 60.1053, 67.7858

Sweetspot

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



55.0232, 60.1079, 55.1572



93.1420, 99.1559, 102.5090



52.9494, 53.9304, 54.0741



19.8291, 21.1760, 21.5848



0.0000, 0.0000, 0.0000



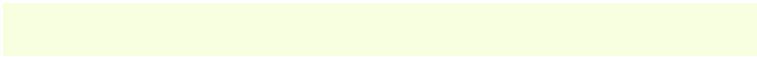
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



55.0232, 60.1079, 55.1572



87.7484, 96.7605, 84.8576



52.4221, 58.7670, 55.0355



11.8691, 12.9499, 11.9535



21.9442, 31.4880, 4.9212



1.1989, 1.6589, 0.2570

Inverse Universe

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



50.1877, 50.6521, 65.5274



78.1099, 77.9116, 105.5294



52.7889, 51.9930, 65.6491



10.8604, 10.9773, 14.1168



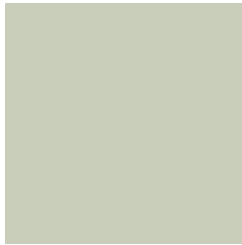
7.7931, 3.2250, 36.1680



0.4737, 0.2033, 1.8692

Previews

White Background



This preview shows how the XYZ color 55.0216, 60.1053, 55.1559 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 55.0216, 60.1053, 55.1559 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

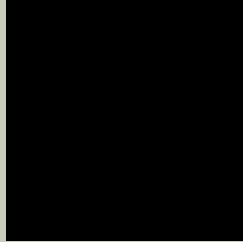
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

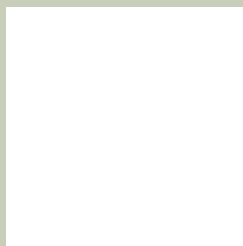
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.0216, 60.1053, 55.1559

Background



This preview shows how black text looks on a background with the XYZ color 55.0216, 60.1053, 55.1559.



This preview shows how white text looks on a background with the XYZ color 55.0216, 60.1053,

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

55.0216, 60.1053, 55.1559

Protanopia

57.1590, 60.1696, 53.9487

Deuteranopia

61.1301, 59.7687, 55.8916



Tritanopia

58.8646, 59.9049, 74.1059

Trichromacy



Original Color

55.0216, 60.1053, 55.1559

Protanomaly

56.3622, 60.0984, 54.5285

Deuteranomaly

58.8373, 59.9565, 55.4854

Tritanomaly

57.3984, 60.0055, 66.9495

Monochromacy



Original Color

55.0216, 60.1053, 55.1559

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

55.6769, 59.2540, 60.7272

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.0216, 60.1053, 55.1559 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(201, 206, 186)` looks like.

```
.text, #text, p{  
    color:rgb(201, 206, 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(201, 206, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 206, 186) }
```

Border

The CSS property to change the border of an element to XYZ 55.0216, 60.1053, 55.1559 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(201, 206, 186) }
```


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

```
.border{ border-color:rgb(201, 206, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 206, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(201, 206, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(201, 206, 186); box-shadow:4px 4px 4px 4px rgb(201, 206, 186) }
```

Background

The CSS property to change the background color of an element to XYZ 55.0216, 60.1053, 55.1559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 206, 186) }
```

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

```
.background{ background-color: rgb(201,  
206, 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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