

Converting Colors

XYZ(55.1523, 61.0517, 64.6320)

Have a look what the booklet for
XYZ(55.1523, 61.0517, 64.6320)
contains.

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Color

**XYZ(55.1994, 61.0717,
64.7558)**

Conversions

Conversions Part 1

Format	Color
Hex	C0D1CA
RGB	192, 209, 202
RGB Percent	75%, 82%, 79%
CMY	0.2471, 0.1804, 0.2078
CMYK	0.08, 0.00, 0.03, 0.18
HSL	155°, 16%, 79%
HSV	155°, 8%, 82%
XYZ	55.1994, 61.0717, 64.7558
YIQ	203.1190, -7.8850, -5.7810

Conversions

Conversions Part 2

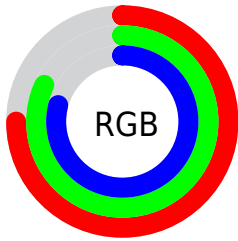
Format	Color
RYB	192, 203, 209
Decimal	12636618
CIELab	82.42, -7.05, 1.49
CIELCh	82, 7.210, 168.041
Yxy	61.0717, 0.3049, 0.3374
Android (android.graphics.Color)	4290826698 (0xFFC0D1CA)
YUV	203.1190, -0.5517, -9.7514
Hunter-Lab	78.1484, -10.6778, 5.5746

Details

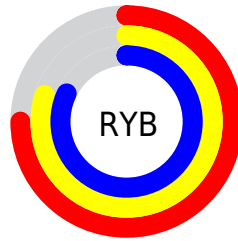
The XYZ color **55.1994, 61.0717, 64.7558** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.4552, 55.3797, 61.8024**, and the grayscale version is **56.8478, 59.8084, 65.1313**.

A 20% lighter version of the original color is **92.5214, 98.6965, 108.7817**, and **27.5479, 30.9841, 32.5456** is the 20% darker color. If you saturate the color by 10%, you get **49.2878, 58.1404, 59.3067**, and if you desaturate by 10%, it is **61.9228, 64.4184, 70.5423**.

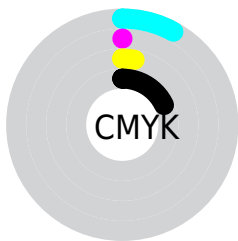
Distribution



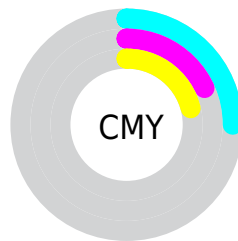
- Red (75%)
- Green (82%)
- Blue (79%)



- Red (75%)
- Yellow (80%)
- Blue (82%)



- Cyan (8%)
- Magenta (0%)
- Yellow (3%)
- Black (18%)



- Cyan (25%)
- Magenta (18%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.1994, 61.0717, 64.7558 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 55.1994, 61.0717, 64.7558 by changing the saturation by 10% instead.

■ 55.1994, 61.0717,
64.7558

■ 55.1994, 61.0717,
64.7558

396.7915,
428.5368, 460.1961

■ 39.7959, 44.2830,
46.8130

■ 96.9797, 106.3827,
113.3086

■ 27.5629, 30.8931,
32.5346

124.0871,
135.6739, 144.7557

■ 18.1352, 20.5174,
21.5019

155.8266,
169.9014, 181.5413

■ 11.1474, 12.7717,
13.2966

192.5634,
209.4495, 224.0840

■ 6.2341, 7.2716,
7.5000

234.6629,
254.7027, 272.8023

■ 3.0299, 3.6325,
3.6935

282.4906,

■ 1.1696, 1.4702,

306.0454, 328.1147

1.4588

336.4116,
363.8620, 390.4398

■ 0.0822, 0.2676,
0.1869

■ 0.0000, 0.0000,
0.0000

■ 55.1994, 61.0717,
64.7558

■ 55.1994, 61.0717,
64.7558

■ 49.2878, 58.1404,
59.3067

■ 61.9228, 64.4184,
70.5423

■ 44.1505, 55.6000,
54.1846

■ 69.4835, 68.1883,
76.6683

■ 39.7545, 53.4355,
49.3844

■ 77.9121, 72.3988,
83.1409

■ 36.0623, 51.6276,
44.8993

■ 79.2453, 72.9448,
89.5922

■ 33.0333, 50.1554,
40.7221

■ 80.5298, 73.4585,
96.3561

■ 30.6222, 48.9957,
36.8454

■ 81.8754, 73.9968,
103.4421

■ 28.7779, 48.1224,
33.2615

■ 82.0916, 74.0833,
104.5805

■ 27.4404, 47.5045,
29.9616

■ 26.5218, 47.0970,
26.9360

Harmonies

Analogous

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



55.8737, 61.0717, 60.9892



55.1994, 61.0717, 64.7558



55.2780, 61.0717, 69.1563

Triad

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



55.1994, 61.0717, 64.7558



58.9682, 61.0717, 74.8858



60.0481, 61.0717, 60.3909

Complementary

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



55.1994, 61.0717, 64.7558



55.4552, 55.3797, 61.8024

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.



60.9066, 61.0717, 63.9062



55.1994, 61.0717, 64.7558



60.2755, 61.0717, 72.3262

Square

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



55.1994, 61.0717, 64.7558



57.4357, 61.0717, 75.1380



60.9905, 61.0717, 68.2685



58.6622, 61.0717, 58.5447

Rectangle

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



55.1994, 61.0717, 64.7558



55.7470, 61.0717, 71.8577



60.9905, 61.0717, 68.2685



60.4090, 61.0717, 61.4092

Sweetspot

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



55.2011, 61.0743, 64.7571



92.8621, 98.9110, 107.0419



55.8923, 61.5630, 58.8071



19.8992, 21.1824, 22.9310



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.



55.2011, 61.0743, 64.7571



84.6376, 94.8223, 99.8258



55.7034, 60.7214, 69.1092



11.9438, 13.3213, 14.0603



16.3093, 29.0166, 16.5406



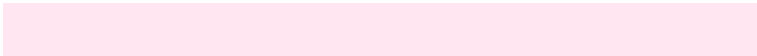
0.9509, 1.6380, 1.1299

Inverse Universe

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



55.4552, 55.3797, 61.8024



85.1265, 83.8672, 94.1417



54.9731, 55.6871, 57.7214



12.0077, 11.8878, 13.3166



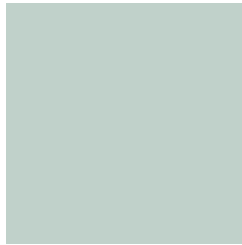
17.2965, 8.7915, 6.4677



1.0062, 0.5072, 0.5672

Previews

White Background



This preview shows how the XYZ color 55.1994, 61.0717, 64.7558 looks on a white background.

Color Contrast Check

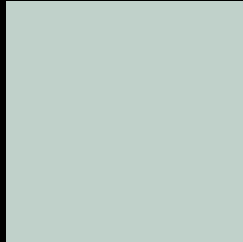
Large Text (above 18pt) WCAG AA × Fail

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 55.1994, 61.0717, 64.7558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

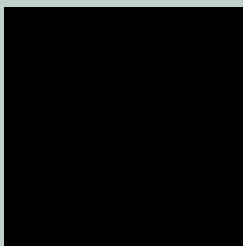
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

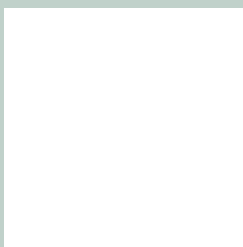
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.1994, 61.0717, 64.7558

Background



This preview shows how black text looks on a background with the XYZ color 55.1994, 61.0717, 64.7558.



This preview shows how white text looks on a background with the XYZ color 55.1994, 61.0717,

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

55.1994, 61.0717, 64.7558

Protanopia

58.4800, 61.0109, 62.7269

Deuteranopia

62.1445, 60.7554, 65.5783



Tritanopia

57.7618, 61.0186, 77.8406

Trichromacy



Original Color

55.1994, 61.0717, 64.7558

Protanomaly

57.1252, 61.0093, 63.4087

Deuteranomaly

59.3406, 60.6990, 65.0884

Tritanomaly

56.8267, 61.0013, 73.0693

Monochromacy



Original Color

55.1994, 61.0717, 64.7558

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.1640, 60.1166, 65.1434

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.1994, 61.0717, 64.7558 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(192, 209, 202) looks like.

```
.text, #text, p{  
    color:rgb(192, 209, 202)  
}
```

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(192, 209, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 209, 202) }
```

Border

The CSS property to change the border of an element to XYZ 55.1994, 61.0717, 64.7558 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(192, 209, 202) }
```


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

```
.border{ border-color:rgb(192, 209, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 209, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 209, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 209, 202);  
box-shadow:4px 4px 4px 4px rgb(192, 209,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 55.1994, 61.0717, 64.7558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 209, 202) }
```

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

```
.background{ background-color: rgb(192,  
209, 202) }
```

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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