

Converting Colors

XYZ(55.1197, 56.9519, 67.6638)

Have a look what the booklet for
XYZ(55.1197, 56.9519, 67.6638)
contains.

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Color

**XYZ(55.1324, 57.0843,
67.7871)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | C7C6D0 |
| RGB | 199, 198, 208 |
| RGB Percent | 78%, 78%, 82% |
| CMY | 0.2196, 0.2235, 0.1843 |
| CMYK | 0.04, 0.05, 0.00, 0.18 |
| HSL | 246°, 10%, 80% |
| HSV | 246°, 5%, 82% |
| XYZ | 55.1324, 57.0843, 67.7871 |
| YIQ | 199.4390, -2.6140, 3.3220 |

Conversions

Conversions Part 2

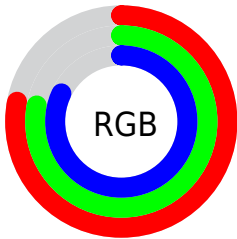
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 199, 198, 208 |
| Decimal | 13092560 |
| CIE Lab | 80.23, 2.22, -4.87 |
| CIE LCh | 80, 5.349, 294.510 |
| Yxy | 57.0843, 0.3063, 0.3171 |
| Android (android.graphics.Color) | 4291282640 (0xFFC7C6D0) |
| YUV | 199.4390, 4.2206, -0.3850 |
| Hunter-Lab | 75.5542, -1.9671, -0.3070 |

Details

The XYZ color **55.1324, 57.0843, 67.7871** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.4832, 62.4559, 62.4017**, and the grayscale version is **54.5324, 57.3723, 62.4785**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **27.4830, 28.2994, 34.5857** is the 20% darker color. If you saturate the color by 10%, you get **46.0345, 45.8157, 66.0924**, and if you desaturate by 10%, it is **65.4980, 69.9788, 69.7305**.

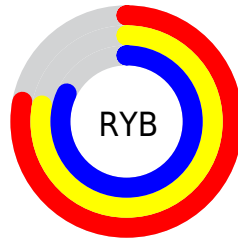
Distribution



Red (78%)

Green (78%)

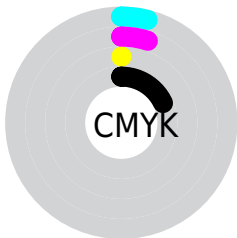
Blue (82%)



Red (78%)

Yellow (78%)

Blue (82%)

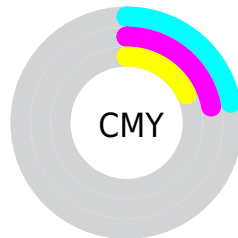


Cyan (4%)

Magenta (5%)

Yellow (0%)

Black (18%)



Cyan (22%)

Magenta (22%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.1324, 57.0843, 67.7871 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 55.1324, 57.0843, 67.7871 by changing the saturation by 10% instead.

■ 55.1324, 57.0843,
67.7871

■ 55.1324, 57.0843,
67.7871

396.5419,
413.7651, 471.3189

■ 39.7420, 41.0729,
49.2589

96.8821, 100.5882,
117.6989

■ 27.5208, 28.3761,
34.4579

123.9721,
128.8495, 149.9195

■ 18.1033, 18.6093,
22.9654

155.6927,
161.9629, 187.5415

■ 11.1243, 11.3883,
14.3629

192.4092,
200.3128, 230.9832

■ 6.2184, 6.3287,
8.2319

234.4871,
244.2835, 280.6633

■ 3.0203, 3.0459,
4.1538

282.2916,

■ 1.1645, 1.1558,

294.2596, 337.0002

1.7101

336.1880,
350.6253, 400.4126

■ 0.0781, 0.0251,
0.3676

■ 0.0000, 0.0000,
0.0000

■ 55.1324, 57.0843,
67.7871

■ 55.1324, 57.0843,
67.7871

■ 46.0345, 45.8157,
66.0924

■ 65.4980, 69.9788,
69.7305

■ 38.1507, 36.1013,
64.6329

■ 77.1721, 84.5525,
71.9283

■ 31.4310, 27.8751,
63.3992

■ 88.3853, 97.3341,
73.8043

■ 25.8200, 21.0633,
62.3801

■ 21.2578, 15.5860,
61.5634

■ 17.6787, 11.3552,
60.9354

■ 15.0097, 8.2723,
60.4810

■ 13.1672, 6.2237,
60.1827

■ 12.0519, 5.0721,
60.0192

Harmonies

Analogous

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



54.0563, 57.0843, 68.3333



55.1324, 57.0843, 67.7871



55.9841, 57.0843, 65.7110

Triad

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



55.1324, 57.0843, 67.7871



55.4847, 57.0843, 57.3876



52.1941, 57.0843, 61.5817

Complementary

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



55.1324, 57.0843, 67.7871



58.4832, 62.4559, 62.4017

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.



52.5657, 57.0843, 58.7299



55.1324, 57.0843, 67.7871



54.4580, 57.0843, 56.3610

Square

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



55.1324, 57.0843, 67.7871



56.1894, 57.0843, 59.6943



53.3907, 57.0843, 56.8440



52.3693, 57.0843, 64.6826

Rectangle

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



55.1324, 57.0843, 67.7871



56.3050, 57.0843, 63.7745



53.3907, 57.0843, 56.8440



52.2591, 57.0843, 60.5633

Sweetspot

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



55.1341, 57.0867, 67.7884



93.4023, 97.9510, 108.5913



57.0289, 61.2678, 68.4955



20.0093, 20.9871, 23.2463



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.



55.1341, 57.0867, 67.7884



85.4745, 88.1042, 107.1086



56.4374, 57.7586, 67.8493



11.8557, 12.1974, 14.9731



7.3232, 2.9555, 37.3770



0.4477, 0.1850, 2.0917

Inverse Universe

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



57.4710, 58.3056, 67.2595



90.1171, 90.5258, 106.0487



57.1529, 61.7701, 62.3394



12.5587, 12.5641, 14.8121



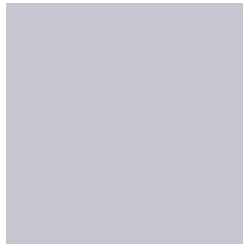
21.8405, 10.6090, 30.3958



1.2362, 0.5992, 1.7788

Previews

White Background



This preview shows how the XYZ color 55.1324, 57.0843, 67.7871 looks on a white background.

Color Contrast Check

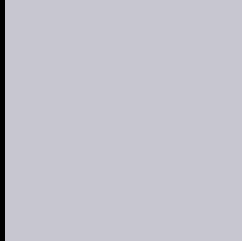
Large Text (above 18pt) WCAG AA × Fail

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 55.1324, 57.0843, 67.7871 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

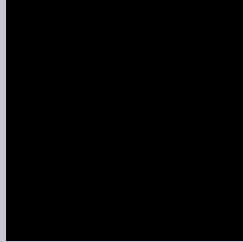
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.1324, 57.0843, 67.7871

Background



This preview shows how black text looks on a background with the XYZ color 55.1324, 57.0843, 67.7871.

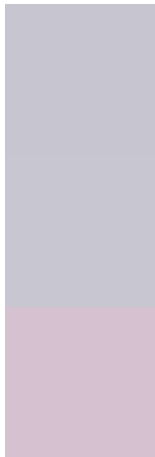


This preview shows how white text looks on a background with the XYZ color 55.1324, 57.0843,

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

55.1324, 57.0843, 67.7871

Protanopia

55.3987, 57.2216, 67.7996

Deuteranopia

58.3101, 57.0395, 68.2581



Tritanopia

55.7959, 57.0160, 71.0152

Trichromacy



Original Color

55.1324, 57.0843, 67.7871

Protanomaly

55.3987, 57.2216, 67.7996

Deuteranomaly

57.3182, 57.1890, 68.3392

Tritanomaly

55.5435, 56.9150, 69.6863

Monochromacy



Original Color

55.1324, 57.0843, 67.7871

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

54.6373, 57.2532, 64.0484

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.1324, 57.0843, 67.7871 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(199, 198, 208)` looks like.

```
.text, #text, p{  
    color:rgb(199, 198, 208)  
}
```

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(199, 198, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 198, 208) }
```

Border

The CSS property to change the border of an element to XYZ 55.1324, 57.0843, 67.7871 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(199, 198, 208) }
```


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

```
.border{ border-color:rgb(199, 198, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 198, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 198, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 198, 208);  
box-shadow:4px 4px 4px 4px rgb(199, 198,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 55.1324, 57.0843, 67.7871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 198, 208) }
```

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

```
.background{ background-color: rgb(199,  
198, 208) }
```

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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