

Converting Colors

XYZ(55.2934, 57.2407, 64.5633)

Have a look what the booklet for
XYZ(55.2934, 57.2407, 64.5633)
contains.

XYZ(55.3307, 57.2565, 64.6353)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(55.3307, 57.2565,
64.6353)**

Conversions

Conversions Part 1

Format	Color
Hex	CAC6CB
RGB	202, 198, 203
RGB Percent	79%, 78%, 80%
CMY	0.2078, 0.2235, 0.2039
CMYK	0.00, 0.02, 0.00, 0.20
HSL	288°, 5%, 79%
HSV	288°, 2%, 80%
XYZ	55.3307, 57.2565, 64.6353
YIQ	199.7660, 0.7790, 2.4030

Conversions

Conversions Part 2

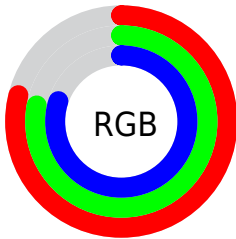
Format	Color
R _Y B	202, 198, 203
Decimal	13289163
CIE Lab	80.32, 2.30, -2.01
CIE LCh	80, 3.057, 318.851
Yxy	57.2565, 0.3122, 0.3231
Android (android.graphics.Color)	4291479243 (0xFFCAC6CB)
YUV	199.7660, 1.5944, 1.9592
Hunter-Lab	75.6680, -1.8946, 2.3224

Details

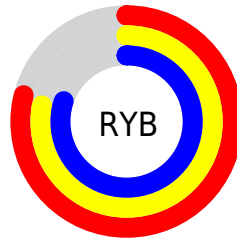
The XYZ color **55.3307, 57.2565, 64.6353** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.1043, 58.9327, 61.8998**, and the grayscale version is **54.7473, 57.5984, 62.7247**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **27.6108, 28.4123, 32.4627** is the 20% darker color. If you saturate the color by 10%, you get **49.9139, 48.0327, 63.1413**, and if you desaturate by 10%, it is **61.4016, 67.7439, 66.3405**.

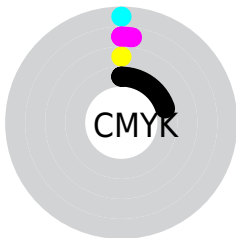
Distribution



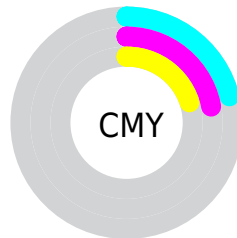
- Red (79%)
- Green (78%)
- Blue (80%)



- Red (79%)
- Yellow (78%)
- Blue (80%)



- Cyan (0%)
- Magenta (2%)
- Yellow (0%)
- Black (20%)



- Cyan (21%)
- Magenta (22%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.3307, 57.2565, 64.6353 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 55.3307, 57.2565, 64.6353 by changing the saturation by 10% instead.

■ 55.3307, 57.2565,
64.6353

■ 55.3307, 57.2565,
64.6353

397.2803,
414.4098, 459.7505

■ 39.9014, 41.2112,
46.7160

97.1708, 100.8394,
113.1336

■ 27.6456, 28.4842,
32.4584

124.3124,
129.1457, 144.5497

■ 18.1977, 18.6909,
21.4442

156.0888,
162.3079, 181.3017

■ 11.1926, 11.4472,
13.2547

192.8653,
200.7103, 223.8083

■ 6.2648, 6.3685,
7.4714

235.0074,
244.7372, 272.4879

■ 3.0489, 3.0704,
3.6757

282.8803,

■ 1.1797, 1.1686,

294.7732, 327.7591

1.4492

336.8495,
351.2026, 390.0405

■ 0.0902, 0.0358,
0.1796

■ 0.0000, 0.0000,
0.0000

■ 55.3307, 57.2565,
64.6353

■ 55.3307, 57.2565,
64.6353

■ 49.9139, 48.0327,
63.1413

■ 61.4016, 67.7439,
66.3405

■ 45.1215, 40.0158,
61.8465

■ 68.1451, 79.5341,
68.2608

■ 40.9288, 33.1560,
60.7434

■ 74.3266, 90.1565,
69.9853

■ 37.3073, 27.3968,
59.8226

■ 75.5286, 90.7762,
70.0416

34.2264, 22.6770,
59.0740

76.7604, 91.4112,
70.0992

31.6524, 18.9296,
58.4863

78.0222, 92.0617,
70.1583

29.5474, 16.0794,
58.0471

79.3143, 92.7278,
70.2187

27.8682, 14.0402,
57.7420

80.6367, 93.4096,
70.2806

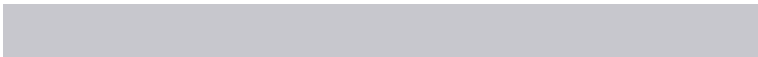
26.5629, 12.7084,
57.5537

81.9898, 94.1071,
70.3440

Harmonies

Analogous

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



54.8099, 57.2565, 65.6574



55.3307, 57.2565, 64.6353



55.6084, 57.2565, 63.0106

Triad

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



55.3307, 57.2565, 64.6353



54.6533, 57.2565, 59.0258



53.2910, 57.2565, 63.4615

Complementary

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



55.3307, 57.2565, 64.6353



55.1043, 58.9327, 61.8998

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.



53.2498, 57.2565, 61.6793



55.3307, 57.2565, 64.6353



54.0331, 57.2565, 59.1413

Square

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



55.3307, 57.2565, 64.6353



55.2154, 57.2565, 59.7863



53.5205, 57.2565, 60.1048



53.6335, 57.2565, 64.9708

Rectangle

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



55.3307, 57.2565, 64.6353



55.6169, 57.2565, 61.8144



53.5205, 57.2565, 60.1048



53.2415, 57.2565, 62.8737

Sweetspot

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



55.3323, 57.2590, 64.6365



94.0544, 98.2871, 108.6219



54.5131, 57.2053, 64.6694



20.1420, 21.0555, 23.2525



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.



55.3323, 57.2590, 64.6365



92.0969, 94.9266, 108.0764



55.4358, 57.3317, 63.7646



12.1459, 12.4570, 14.3347



16.4664, 7.6963, 36.5739



0.9069, 0.4266, 1.8895

Inverse Universe

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



55.1335, 57.2108, 62.1727



91.6882, 94.8279, 102.9964



55.0039, 58.8620, 62.7516



12.0792, 12.4410, 13.5032



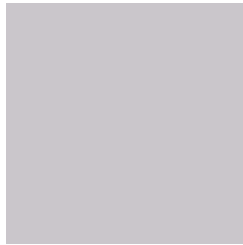
15.9505, 8.1908, 2.1918



0.8505, 0.4336, 0.2587

Previews

White Background



This preview shows how the XYZ color 55.3307, 57.2565, 64.6353 looks on a white background.

Color Contrast Check

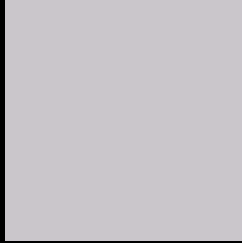
Large Text (above 18pt) WCAG AA × Fail

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 55.3307, 57.2565, 64.6353 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

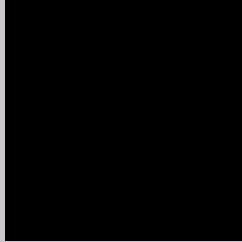
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.3307, 57.2565, 64.6353

Background



This preview shows how black text looks on a background with the XYZ color 55.3307, 57.2565, 64.6353.



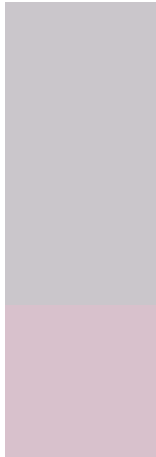
This preview shows how white text looks on a background with the XYZ color 55.3307, 57.2565,

64.6353.

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

55.3307, 57.2565, 64.6353

Protanopia

55.3307, 57.2565, 64.6353

Deuteranopia

58.2879, 57.0985, 65.0757



Tritanopia

56.4785, 57.3825, 70.3865

Trichromacy



Original Color

55.3307, 57.2565, 64.6353

Protanomaly

55.3307, 57.2565, 64.6353

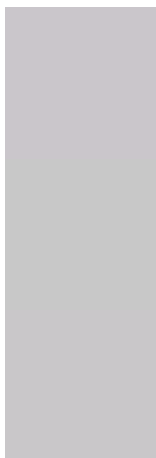
Deuteranomaly

57.2782, 57.2387, 65.1560

Tritanomaly

56.1035, 57.2325, 68.4116

Monochromacy



Original Color

55.3307, 57.2565, 64.6353

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

55.0534, 57.4814, 63.4517

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.3307, 57.2565, 64.6353 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(202, 198, 203) looks like.

```
.text, #text, p{  
    color:rgb(202, 198, 203)  
}
```

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(202, 198, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 198, 203) }
```

Border

The CSS property to change the border of an element to XYZ 55.3307, 57.2565, 64.6353 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(202, 198, 203) }
```


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

```
.border{ border-color:rgb(202, 198, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 198, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 198, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 198, 203);  
box-shadow:4px 4px 4px 4px rgb(202, 198,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 55.3307, 57.2565, 64.6353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 198, 203) }
```

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

```
.background{ background-color: rgb(202,  
198, 203) }
```

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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