

Converting Colors

XYZ(56.0678, 57.6791, 67.5961)

Have a look what the booklet for
XYZ(56.0678, 57.6791, 67.5961)
contains.

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Color

**XYZ(55.9364, 57.4988,
67.8247)**

Conversions

Conversions Part 1

Format	Color
Hex	CAC6D0
RGB	202, 198, 208
RGB Percent	79%, 78%, 82%
CMY	0.2078, 0.2235, 0.1843
CMYK	0.03, 0.05, 0.00, 0.18
HSL	264°, 10%, 80%
HSV	264°, 5%, 82%
XYZ	55.9364, 57.4988, 67.8247
YIQ	200.3360, -0.8260, 3.9580

Conversions

Conversions Part 2

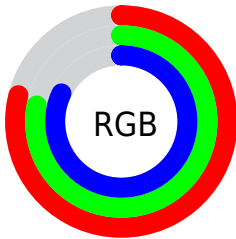
Format	Color
R _Y B	202, 198, 208
Decimal	13289168
CIE Lab	80.46, 3.23, -4.50
CIE LCh	80, 5.540, 305.722
Yxy	57.4988, 0.3086, 0.3172
Android (android.graphics.Color)	4291479248 (0xFFCAC6D0)
YUV	200.3360, 3.7784, 1.4593
Hunter-Lab	75.8280, -1.0239, 0.0473

Details

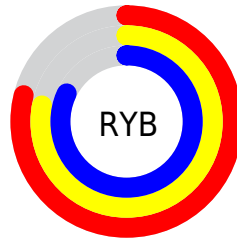
The XYZ color **55.9364, 57.4988, 67.8247** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.6529, 62.0278, 62.3629**, and the grayscale version is **55.0860, 57.9548, 63.1127**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.0187, 28.5755, 34.6107** is the 20% darker color. If you saturate the color by 10%, you get **48.2629, 46.9645, 66.1967**, and if you desaturate by 10%, it is **64.5394, 69.4847, 69.6857**.

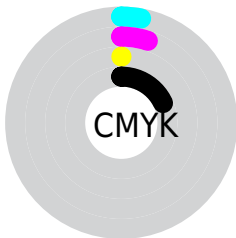
Distribution



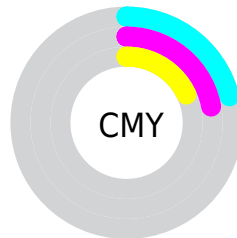
- Red (79%)
- Green (78%)
- Blue (82%)



- Red (79%)
- Yellow (78%)
- Blue (82%)



- Cyan (3%)
- Magenta (5%)
- Yellow (0%)
- Black (18%)



- Cyan (21%)
- Magenta (22%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.9364, 57.4988, 67.8247 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 55.9364, 57.4988, 67.8247 by changing the saturation by 10% instead.

■ 55.9364, 57.4988,
67.8247

■ 55.9364, 57.4988,
67.8247

399.5307,
415.3158, 471.4559

■ 40.3887, 41.4058,
49.2893

98.0519, 101.1926,
117.7532

■ 28.0273, 28.6363,
34.4818

125.3505,
129.5623, 149.9834

■ 18.4868, 18.8059,
22.9837

157.2968,
162.7930, 187.6156

■ 11.4019, 11.5301,
14.3762

194.2561,
201.2691, 231.0683

■ 6.4071, 6.4246,
8.2411

236.5937,
245.3751, 280.7602

■ 3.1372, 3.1049,
4.1596

284.6752,

■ 1.2267, 1.1868,

295.4952, 337.1097

1.7133

338.8657,
352.0140, 400.5354

■ 0.1273, 0.0509,
0.3698

■ 0.0000, 0.0000,
0.0000

■ 55.9364, 57.4988,
67.8247

■ 55.9364, 57.4988,
67.8247

■ 48.2629, 46.9645,
66.1967

■ 64.5394, 69.4847,
69.6857

■ 41.4810, 37.8182,
64.7887

■ 74.0981, 82.9679,
71.7844

■ 35.5576, 30.0024,
63.5923

■ 82.8950, 94.5038,
73.5474

■ 30.4551, 23.4528,
62.5970

■ 87.2673, 96.7577,
73.7520

■ 26.1335, 18.0995,
61.7915

■ 88.3853, 97.3341,
73.8043

■ 22.5485, 13.8657,
61.1633

■ 19.6512, 10.6651,
60.6982

■ 17.3856, 8.3984,
60.3801

■ 15.6850, 6.9450,
60.1892

Harmonies

Analogous

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



54.8690, 57.4988, 69.0407



55.9364, 57.4988, 67.8247



56.6667, 57.4988, 65.2144

Triad

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



55.9364, 57.4988, 67.8247



55.5541, 57.4988, 57.0743



52.5058, 57.4988, 63.2324

Complementary

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



55.9364, 57.4988, 67.8247



57.6529, 62.0278, 62.3629

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.



52.6835, 57.4988, 60.0689



55.9364, 57.4988, 67.8247



54.4333, 57.4988, 56.5848

Square

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



55.9364, 57.4988, 67.8247



56.4438, 57.4988, 59.0239



53.3852, 57.4988, 57.6629



52.8963, 57.4988, 66.3311

Rectangle

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



55.9364, 57.4988, 67.8247



56.8586, 57.4988, 63.0743



53.3852, 57.4988, 57.6629



52.5011, 57.4988, 62.1409

Sweetspot

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



55.9381, 57.5013, 67.8260



93.6811, 98.0947, 108.6044



56.3084, 59.8268, 68.2553



20.0660, 21.0164, 23.2489



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.



55.9381, 57.5013, 67.8260



87.0638, 88.9235, 107.1829



57.2666, 58.1861, 67.8881



12.0958, 12.3212, 14.9844



9.4306, 4.0419, 37.4756



0.6158, 0.2716, 2.0995

Inverse Universe

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



57.1076, 58.1603, 65.3457



89.3924, 90.2359, 102.2324



56.3484, 61.3554, 62.3019



12.4488, 12.5202, 14.2333



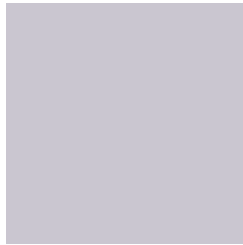
18.5618, 9.2976, 13.1307



1.0765, 0.5353, 0.9376

Previews

White Background



This preview shows how the XYZ color 55.9364, 57.4988, 67.8247 looks on a white background.

Color Contrast Check

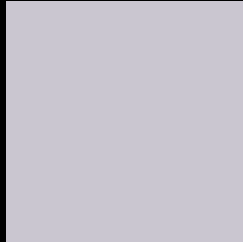
Large Text (above 18pt) WCAG AA × Fail

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 55.9364, 57.4988, 67.8247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

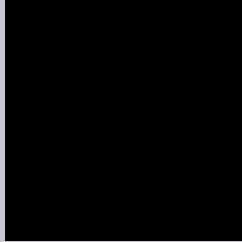
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

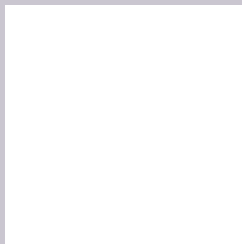
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.9364, 57.4988, 67.8247

Background



This preview shows how black text looks on a background with the XYZ color 55.9364, 57.4988, 67.8247.

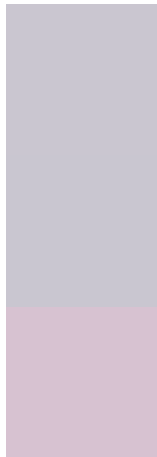


This preview shows how white text looks on a background with the XYZ color 55.9364, 57.4988,

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

55.9364, 57.4988, 67.8247

Protanopia

55.6666, 57.3597, 67.8121

Deuteranopia

58.8247, 57.6341, 68.3457



Tritanopia

56.6051, 57.4331, 71.0531

Trichromacy



Original Color

55.9364, 57.4988, 67.8247

Protanomaly

55.6666, 57.3597, 67.8121

Deuteranomaly

57.6021, 57.3353, 68.3525

Tritanomaly

56.3527, 57.3322, 69.7241

Monochromacy



Original Color

55.9364, 57.4988, 67.8247

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

55.2903, 57.5762, 64.6991

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.9364, 57.4988, 67.8247 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, 208)` looks like.

```
.text, #text, p{  
    color:rgb(202, 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(202, 198, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 198, 208) }
```

Border

The CSS property to change the border of an element to XYZ 55.9364, 57.4988, 67.8247 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, 208) }
```


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

```
.border{ border-color:rgb(202, 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(202, 198, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 198, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 198, 208);  
box-shadow:4px 4px 4px 4px rgb(202, 198,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 55.9364, 57.4988, 67.8247 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, 208) }
```

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

```
.background{ background-color: rgb(202,  
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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