

Converting Colors

XYZ(55.6228, 58.2140, 64.1045)

Have a look what the booklet for
XYZ(55.6228, 58.2140, 64.1045)
contains.

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Color

**XYZ(55.6721, 58.1294,
64.1630)**

Conversions

Conversions Part 1

Format	Color
Hex	CAC8CA
RGB	202, 200, 202
RGB Percent	79%, 78%, 79%
CMY	0.2078, 0.2157, 0.2078
CMYK	0.00, 0.01, 0.00, 0.21
HSL	300°, 2%, 79%
HSV	300°, 1%, 79%
XYZ	55.6721, 58.1294, 64.1630
YIQ	200.8260, 0.5500, 1.0460

Conversions

Conversions Part 2

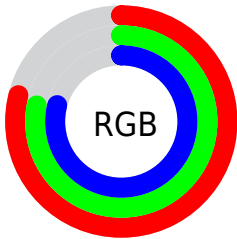
Format	Color
R _{YB}	202, 200, 202
Decimal	13289674
CIE Lab	80.81, 1.06, -0.76
CIE LCh	81, 1.305, 324.298
Yxy	58.1294, 0.3128, 0.3266
Android (android.graphics.Color)	4291479754 (0xFFCAC8CA)
YUV	200.8260, 0.5788, 1.0296
Hunter-Lab	76.2426, -3.0846, 3.4736

Details

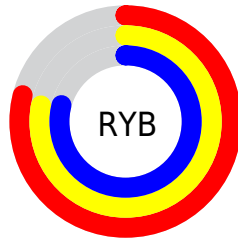
The XYZ color **55.6721, 58.1294, 64.1630** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.3675, 58.6921, 63.0571**, and the grayscale version is **55.4073, 58.2928, 63.4809**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **27.8369, 28.9918, 32.1458** is the 20% darker color. If you saturate the color by 10%, you get **51.3002, 49.3848, 62.7064**, and if you desaturate by 10%, it is **60.6654, 68.1152, 65.8281**.

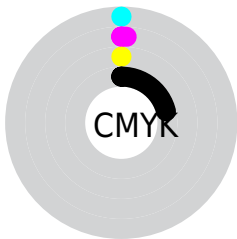
Distribution



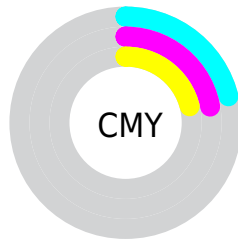
- Red (79%)
- Green (78%)
- Blue (79%)



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



- Cyan (0%)
- Magenta (1%)
- Yellow (0%)
- Black (21%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.6721, 58.1294, 64.1630 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 55.6721, 58.1294, 64.1630 by changing the saturation by 10% instead.

■ 55.6721, 58.1294,
64.1630

■ 55.6721, 58.1294,
64.1630

398.5497,
417.6679, 458.0016

■ 40.1761, 41.9127,
46.3357

97.6676, 102.1113,
112.4474

■ 27.8607, 29.0329,
32.1602

124.8977,
130.6452, 143.7415

■ 18.3606, 19.1057,
21.2181

156.7700,
164.0537, 180.3617

■ 11.3104, 11.7467,
13.0907

193.6496,
202.7211, 222.7264

■ 6.3449, 6.5714,
7.3596

235.9021,
247.0318, 271.2542

■ 3.0985, 3.1956,
3.6061

283.8927,

■ 1.2061, 1.2347,

297.3703, 326.3636

1.4119

337.9868,
354.1209, 388.4733

■ 0.1112, 0.0897,
0.1509

■ 0.0000, 0.0000,
0.0000

■ 55.6721, 58.1294,
64.1630

■ 55.6721, 58.1294,
64.1630

■ 51.3002, 49.3848,
62.7064

■ 60.6654, 68.1152,
65.8281

■ 47.5206, 41.8258,
61.4466

■ 66.2979, 79.3801,
67.7056

■ 44.3095, 35.4036,
60.3762

■ 70.7784, 88.3411,
69.1991

■ 41.6394, 30.0634,
59.4862

■ 70.7785, 88.3412,
69.1991

39.4804, 25.7455,
58.7665

70.7785, 88.3412,
69.1991

37.8000, 22.3847,
58.2064

70.7785, 88.3412,
69.1991

36.5618, 19.9083,
57.7937

70.7786, 88.3412,
69.1991

35.7242, 18.2331,
57.5145

70.7786, 88.3412,
69.1991

35.2377, 17.2602,
57.3523

70.7786, 88.3412,
69.1991

Harmonies

Analogous

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



55.4637, 58.1294, 64.6552



55.6721, 58.1294, 64.1630



55.7675, 58.1294, 63.4406

Triad

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



55.6721, 58.1294, 64.1630



55.3018, 58.1294, 61.8279



54.7793, 58.1294, 63.9056

Complementary

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



55.6721, 58.1294, 64.1630



55.3675, 58.6921, 63.0571

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.



54.7363, 58.1294, 63.1457



55.6721, 58.1294, 64.1630



55.0373, 58.1294, 61.9501

Square

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



55.6721, 58.1294, 64.1630



55.5532, 58.1294, 62.0956



54.8305, 58.1294, 62.4310



54.9484, 58.1294, 64.5058

Rectangle

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



55.6721, 58.1294, 64.1630



55.7539, 58.1294, 62.9273



54.8305, 58.1294, 62.4310



54.7497, 58.1294, 63.6602

Sweetspot

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



55.6738, 58.1319, 64.1643

95.0500, 100.0000, 108.9000



55.1447, 57.8706, 64.1417



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

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



55.6738, 58.1319, 64.1643



94.2419, 98.3838, 108.6306



55.5598, 58.0863, 63.5643



12.5295, 13.0876, 14.4361



22.5333, 10.8239, 36.8579



1.1625, 0.5584, 1.9015

Inverse Universe

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



55.4388, 58.0379, 62.9271



93.8340, 98.2206, 106.4827



55.4807, 58.7374, 63.6531



12.4792, 13.0675, 14.1713



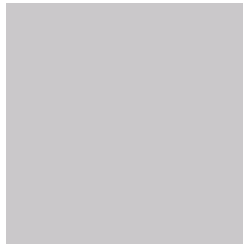
15.6735, 8.0800, 0.7335



0.8086, 0.4168, 0.0378

Previews

White Background



This preview shows how the XYZ color 55.6721, 58.1294, 64.1630 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 55.6721, 58.1294, 64.1630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

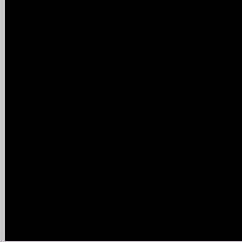
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

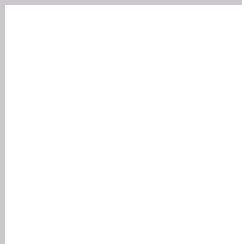
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.6721, 58.1294, 64.1630

Background



This preview shows how black text looks on a background with the XYZ color 55.6721, 58.1294, 64.1630.

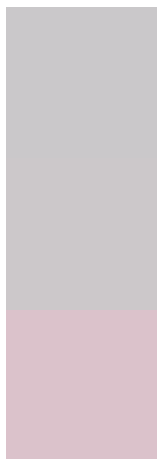


This preview shows how white text looks on a background with the XYZ color 55.6721, 58.1294,

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

55.6721, 58.1294, 64.1630

Protanopia

56.2168, 58.4102, 64.1885

Deuteranopia

59.2847, 57.9554, 64.5618



Tritanopia

57.2335, 58.0806, 71.8125

Trichromacy



Original Color

55.6721, 58.1294, 64.1630

Protanomaly

55.9435, 58.2693, 64.1757

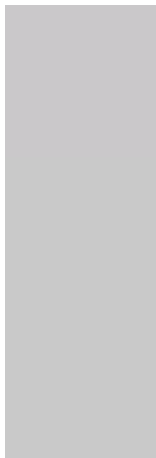
Deuteranomaly

57.9600, 57.9378, 64.6282

Tritanomaly

56.6849, 58.1965, 69.2182

Monochromacy



Original Color

55.6721, 58.1294, 64.1630

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.5167, 58.4078, 63.6061

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.6721, 58.1294, 64.1630 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, 200, 202)` looks like.

```
.text, #text, p{  
    color:rgb(202, 200, 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(202, 200, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 200, 202) }
```

Border

The CSS property to change the border of an element to XYZ 55.6721, 58.1294, 64.1630 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, 200, 202) }
```

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

```
.border{ border-color:rgb(202, 200, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 200, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 200, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 200, 202);  
box-shadow:4px 4px 4px 4px rgb(202, 200,  
202) }
```


Background

The CSS property to change the background color of an element to XYZ 55.6721, 58.1294, 64.1630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 200, 202) }
```

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

```
.background{ background-color: rgb(202,  
200, 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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