

Converting Colors

XYZ(55.6907, 58.7737, 65.6131)

Have a look what the booklet for
XYZ(55.6907, 58.7737, 65.6131)
contains.

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Color

**XYZ(55.5728, 58.7428,
65.5362)**

Conversions

Conversions Part 1

Format	Color
Hex	C7CACC
RGB	199, 202, 204
RGB Percent	78%, 79%, 80%
CMY	0.2196, 0.2078, 0.2000
CMYK	0.02, 0.01, 0.00, 0.20
HSL	204°, 5%, 79%
HSV	204°, 2%, 80%
XYZ	55.5728, 58.7428, 65.5362
YIQ	201.3310, -2.4300, -0.0140

Conversions

Conversions Part 2

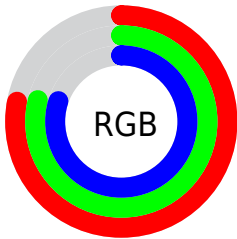
Format	Color
R _Y B	199, 201, 204
Decimal	13093580
CIE Lab	81.15, -0.65, -1.36
CIE LCh	81, 1.512, 244.445
Yxy	58.7428, 0.3090, 0.3266
Android (android.graphics.Color)	4291283660 (0xFFC7CACC)
YUV	201.3310, 1.3158, -2.0443
Hunter-Lab	76.6439, -4.7002, 2.9533

Details

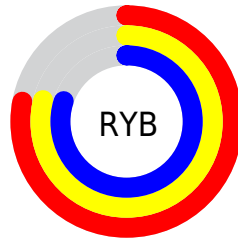
The XYZ color **55.5728, 58.7428, 65.5362** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.0974, 58.7335, 62.4138**, and the grayscale version is **55.7173, 58.6189, 63.8360**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **27.7720, 29.4016, 33.0655** is the 20% darker color. If you saturate the color by 10%, you get **48.6579, 52.4165, 64.6805**, and if you desaturate by 10%, it is **63.3176, 65.6500, 66.4621**.

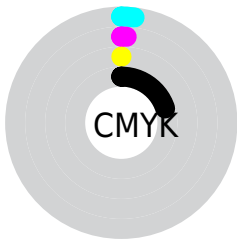
Distribution



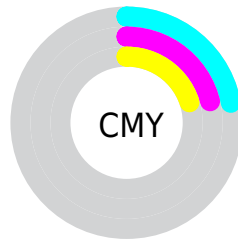
- Red (78%)
- Green (79%)
- Blue (80%)



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



- Cyan (2%)
- Magenta (1%)
- Yellow (0%)
- Black (20%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.5728, 58.7428, 65.5362 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 55.5728, 58.7428, 65.5362 by changing the saturation by 10% instead.

■ 55.5728, 58.7428,
65.5362

■ 55.5728, 58.7428,
65.5362

398.1807,
419.9481, 463.0752

■ 40.0962, 42.4061,
47.4419

97.5231, 103.0038,
114.4410

■ 27.7981, 29.4194,
33.0283

124.7275,
131.6968, 146.0887

■ 18.3132, 19.3983,
21.8768

156.5719,
165.2775, 183.0911

■ 11.2761, 11.9585,
13.5690

193.4216,
204.1301, 225.8670

■ 6.3215, 6.7154,
7.6862

235.6420,
248.6390, 274.8348

■ 3.0841, 3.2848,
3.8099

283.5984,

■ 1.1984, 1.2821,

299.1888, 330.4131

1.5217

337.6562,
356.1637, 393.0204

■ 0.1051, 0.1273,
0.2340

■ 0.0000, 0.0000,
0.0000

■ 55.5728, 58.7428,
65.5362

■ 55.5728, 58.7428,
65.5362

■ 48.6579, 52.4165,
64.6805

■ 63.3176, 65.6500,
66.4621

■ 42.5377, 46.6458,
63.8892

■ 71.9158, 73.1475,
67.4561

■ 37.1817, 41.4143,
63.1617

■ 79.4565, 80.2541,
68.4304

■ 32.5555, 36.7017,
62.4959

■ 81.7304, 84.8020,
69.1884

■ 28.6217, 32.4864,
61.8896

■ 84.1110, 89.5633,
69.9819

■ 25.3397, 28.7449,
61.3404

■ 86.5999, 94.5409,
70.8115

■ 22.6638, 25.4510,
60.8456

■ 87.8992, 97.1397,
71.2446

■ 20.5419, 22.5753,
60.4024

■ 18.9120, 20.0830,
60.0072

Harmonies

Analogous

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



55.3360, 58.7428, 64.9456



55.5728, 58.7428, 65.5362



55.8802, 58.7428, 65.7033

Triad

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



55.5728, 58.7428, 65.5362



56.4384, 58.7428, 63.8268



55.4919, 58.7428, 62.5432

Complementary

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



55.5728, 58.7428, 65.5362



56.0974, 58.7335, 62.4138

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.



55.7864, 58.7428, 62.2497



55.5728, 58.7428, 65.5362



56.3335, 58.7428, 62.9863

Square

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



55.5728, 58.7428, 65.5362



56.3806, 58.7428, 64.7110



56.0946, 58.7428, 62.4111



55.2895, 58.7428, 63.2167

Rectangle

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



55.5728, 58.7428, 65.5362



56.0839, 58.7428, 65.5506



56.0946, 58.7428, 62.4111



55.5834, 58.7428, 62.3971

Sweetspot

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



55.5745, 58.7453, 65.5375



93.7941, 98.8716, 108.7484



55.6797, 59.5419, 63.7659



20.0890, 21.1745, 23.2782



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.



55.5745, 58.7453, 65.5375



91.3245, 96.6442, 108.4486



55.0111, 57.6185, 65.3497



12.0195, 12.7372, 14.3954



11.3752, 11.7744, 37.6294



0.6598, 0.7534, 1.9656

Inverse Universe

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



55.9872, 57.9496, 64.1146



92.1699, 95.0206, 105.5328



56.6660, 59.8707, 62.6033



12.1579, 12.4725, 13.9175



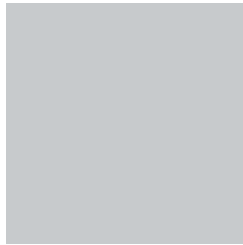
17.9526, 8.9916, 12.7349



0.9630, 0.4786, 0.8510

Previews

White Background



This preview shows how the XYZ color 55.5728, 58.7428, 65.5362 looks on a white background.

Color Contrast Check

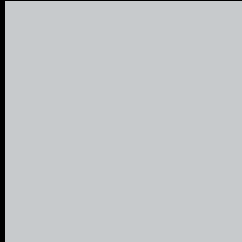
Large Text (above 18pt) WCAG AA × Fail

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 55.5728, 58.7428, 65.5362 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

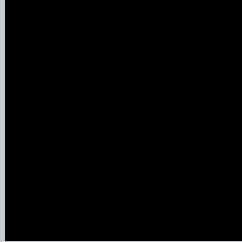
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

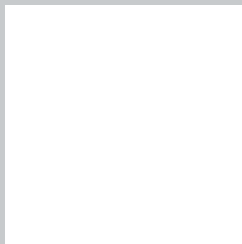
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.5728, 58.7428, 65.5362

Background



This preview shows how black text looks on a background with the XYZ color 55.5728, 58.7428, 65.5362.

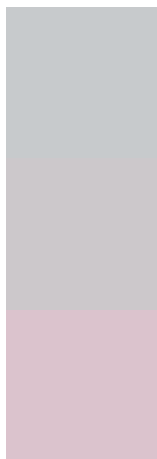


This preview shows how white text looks on a background with the XYZ color 55.5728, 58.7428,

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

55.5728, 58.7428, 65.5362

Protanopia

56.3356, 58.4577, 64.8142

Deuteranopia

59.7480, 58.4981, 65.8998



Tritanopia

57.1363, 58.6839, 73.2815

Trichromacy



Original Color

55.5728, 58.7428, 65.5362

Protanomaly

56.0233, 58.6416, 64.8661

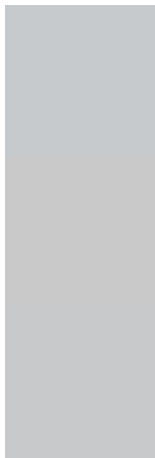
Deuteranomaly

58.3649, 58.7930, 66.0296

Tritanomaly

56.5897, 58.8061, 70.6555

Monochromacy



Original Color

55.5728, 58.7428, 65.5362

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.3667, 58.3169, 64.2153

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.5728, 58.7428, 65.5362 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, 202, 204)` looks like.

```
.text, #text, p{  
    color:rgb(199, 202, 204)  
}
```

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, 202, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 202, 204) }
```

Border

The CSS property to change the border of an element to XYZ 55.5728, 58.7428, 65.5362 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, 202, 204) }
```


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

```
.border{ border-color:rgb(199, 202, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 202, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 202, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 202, 204);  
box-shadow:4px 4px 4px 4px rgb(199, 202,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 55.5728, 58.7428, 65.5362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 202, 204) }
```

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

```
.background{ background-color: rgb(199,  
202, 204) }
```

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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