

Converting Colors

XYZ(55.9332, 57.0967, 70.3651)

Have a look what the booklet for
XYZ(55.9332, 57.0967, 70.3651)
contains.

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Color

**XYZ(55.9373, 57.1035,
70.3612)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | C9C5D4 |
| RGB | 201, 197, 212 |
| RGB Percent | 79%, 77%, 83% |
| CMY | 0.2118, 0.2274, 0.1686 |
| CMYK | 0.05, 0.07, 0.00, 0.17 |
| HSL | 256°, 15%, 80% |
| HSV | 256°, 7%, 83% |
| XYZ | 55.9373, 57.1035, 70.3612 |
| YIQ | 199.9060, -2.4310, 5.5130 |

Conversions

Conversions Part 2

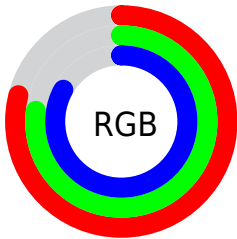
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 201, 197, 212 |
| Decimal | 13223380 |
| CIE Lab | 80.24, 4.19, -6.98 |
| CIE LCh | 80, 8.145, 300.976 |
| Yxy | 57.1035, 0.3050, 0.3114 |
| Android (android.graphics.Color) | 4291413460 (0xFFC9C5D4) |
| YUV | 199.9060, 5.9623, 0.9594 |
| Hunter-Lab | 75.5669, -0.1099, -2.3088 |

Details

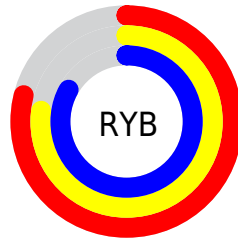
The XYZ color **55.9373, 57.1035, 70.3612** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.6361, 64.5296, 62.1385**, and the grayscale version is **54.8088, 57.6632, 62.7952**.

A 20% lighter version of the original color is **94.7318, 99.3636, 108.7939**, and **27.9409, 28.2823, 35.8847** is the 20% darker color. If you saturate the color by 10%, you get **47.4876, 46.0982, 68.6832**, and if you desaturate by 10%, it is **65.4906, 69.6858, 72.2872**.

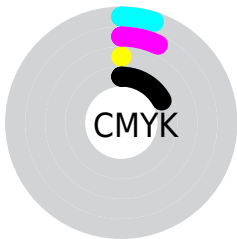
Distribution



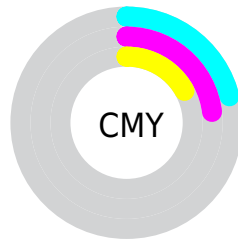
- Red (79%)
- Green (77%)
- Blue (83%)



- Red (79%)
- Yellow (77%)
- Blue (83%)



- Cyan (5%)
- Magenta (7%)
- Yellow (0%)
- Black (17%)



- Cyan (21%)
- Magenta (23%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.9373, 57.1035, 70.3612 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 55.9373, 57.1035, 70.3612 by changing the saturation by 10% instead.

■ 55.9373, 57.1035,
70.3612

■ 55.9373, 57.1035,
70.3612

399.5340,
413.8370, 480.6406

■ 40.3895, 41.0883,
51.3424

98.0532, 100.6162,
121.4096

■ 28.0279, 28.3881,
36.1026

125.3520,
128.8825, 154.2764

■ 18.4872, 18.6184,
24.2231

157.2986,
162.0014, 192.5963

■ 11.4022, 11.3949,
15.2855

194.2581,
200.3571, 236.7877

■ 6.4073, 6.3331,
8.8711

236.5961,
244.3341, 287.2693

■ 3.1373, 3.0487,
4.5616

284.6778,

■ 1.2268, 1.1572,

294.3169, 344.4597

1.9382

338.8687,
350.6897, 408.7772

■ 0.1274, 0.0263,
0.5169

■ 0.0000, 0.0000,
0.0000

■ 55.9373, 57.1035,
70.3612

■ 55.9373, 57.1035,
70.3612

■ 47.4876, 46.0982,
68.6832

■ 65.4906, 69.6858,
72.2872

■ 40.0957, 36.5999,
67.2394

■ 76.1808, 83.8968,
74.4668

■ 33.7202, 28.5441,
66.0205

■ 86.2319, 96.1664,
76.3053

■ 28.3148, 21.8589,
65.0150

■ 88.8838, 97.5335,
76.4294

■ 23.8296, 16.4659,
64.2105

■ 20.2098, 12.2788,
63.5931

■ 17.3944, 9.2003,
63.1472

■ 15.3135, 7.1173,
62.8549

■ 13.8787, 5.8819,
62.6920

Harmonies

Analogous

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



54.3297, 57.1035, 71.7873



55.9373, 57.1035, 70.3612



57.1190, 57.1035, 66.7249

Triad

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



55.9373, 57.1035, 70.3612



55.8411, 57.1035, 54.5085



51.1410, 57.1035, 62.3321

Complementary

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



55.9373, 57.1035, 70.3612



59.6361, 64.5296, 62.1385

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.



51.5274, 57.1035, 57.8387



55.9373, 57.1035, 70.3612



54.2207, 57.1035, 53.4633

Square

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



55.9373, 57.1035, 70.3612



57.0626, 57.1035, 57.5816



52.6463, 57.1035, 54.6516



51.5800, 57.1035, 67.0085

Rectangle

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



55.9373, 57.1035, 70.3612



57.4942, 57.1035, 63.6231



52.6463, 57.1035, 54.6516



51.1785, 57.1035, 60.7510

Sweetspot

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



55.9390, 57.1059, 70.3625



92.0816, 96.0865, 108.3011



57.5284, 61.8593, 71.1962



19.7404, 20.6075, 23.1872



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.



55.9390, 57.1059, 70.3625



83.5916, 84.9396, 106.5970



57.9346, 58.1347, 70.4558



12.0500, 12.1672, 15.6509



8.4422, 3.5046, 38.6847



0.5879, 0.2520, 2.3370

Inverse Universe

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



58.5048, 58.4862, 67.8829



88.0208, 87.3226, 102.2996



57.6437, 63.5025, 62.0453



12.8052, 12.5736, 14.9143



20.4839, 10.1299, 20.3840



1.2690, 0.6244, 1.4057

Previews

White Background



This preview shows how the XYZ color 55.9373, 57.1035, 70.3612 looks on a white background.

Color Contrast Check

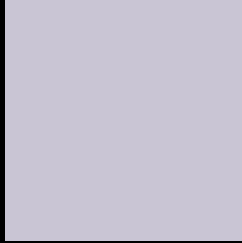
Large Text (above 18pt) WCAG AA × Fail

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 55.9373, 57.1035, 70.3612 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

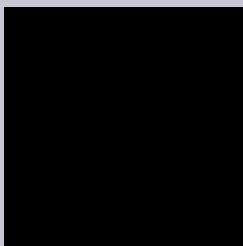
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

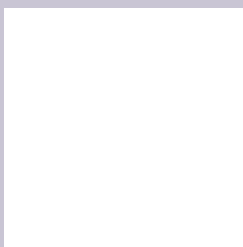
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.9373, 57.1035, 70.3612

Background



This preview shows how black text looks on a background with the XYZ color 55.9373, 57.1035, 70.3612.

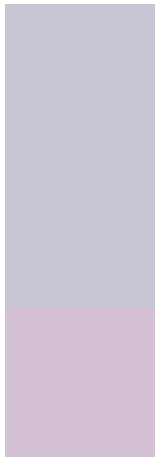


This preview shows how white text looks on a background with the XYZ color 55.9373, 57.1035,

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

55.9373, 57.1035, 70.3612

Protanopia

55.6309, 57.2837, 70.4122

Deuteranopia

58.2316, 56.9411, 70.8724



Tritanopia

55.9373, 57.1035, 70.3612

Trichromacy



Original Color

55.9373, 57.1035, 70.3612

Protanomaly

55.8972, 57.4210, 70.4246

Deuteranomaly

57.3145, 56.7976, 70.8930

Tritanomaly

55.9373, 57.1035, 70.3612

Monochromacy



Original Color

55.9373, 57.1035, 70.3612

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

55.1419, 57.4858, 65.3163

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.9373, 57.1035, 70.3612 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(201, 197, 212)` looks like.

```
.text, #text, p{  
    color:rgb(201, 197, 212)  
}
```

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(201, 197, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 197, 212) }
```

Border

The CSS property to change the border of an element to XYZ 55.9373, 57.1035, 70.3612 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(201, 197, 212) }
```


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

```
.border{ border-color:rgb(201, 197, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 197, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 197, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 197, 212);  
box-shadow:4px 4px 4px 4px rgb(201, 197,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 55.9373, 57.1035, 70.3612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 197, 212) }
```

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

```
.background{ background-color: rgb(201,  
197, 212) }
```

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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