

Converting Colors

XYZ(57.5408, 60.7779, 72.0515)

Have a look what the booklet for
XYZ(57.5408, 60.7779, 72.0515)
contains.

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Color

**XYZ(57.5221, 60.6598,
72.2951)**

Conversions

Conversions Part 1

Format	Color
Hex	C7CDD6
RGB	199, 205, 214
RGB Percent	78%, 80%, 84%
CMY	0.2196, 0.1961, 0.1608
CMYK	0.07, 0.04, 0.00, 0.16
HSL	216°, 15%, 81%
HSV	216°, 7%, 84%
XYZ	57.5221, 60.6598, 72.2951
YIQ	204.2320, -6.4650, 1.5270

Conversions

Conversions Part 2

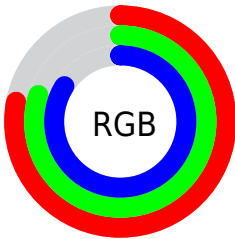
Format	Color
R _Y B	199, 203, 214
Decimal	13094358
CIE Lab	82.20, -0.33, -5.18
CIE LCh	82, 5.188, 266.395
Yxy	60.6598, 0.3020, 0.3185
Android (android.graphics.Color)	4291284438 (0xFFC7CDD6)
YUV	204.2320, 4.8156, -4.5885
Hunter-Lab	77.8844, -4.4652, -0.5160

Details

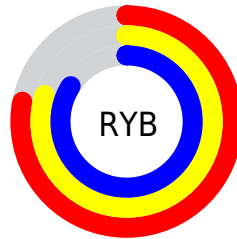
The XYZ color **57.5221, 60.6598, 72.2951** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.5964, 63.5309, 63.1027**, and the grayscale version is **57.5161, 60.5114, 65.8969**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.0017, 30.6562, 37.1896** is the 20% darker color. If you saturate the color by 10%, you get **49.2934, 52.0467, 71.0672**, and if you desaturate by 10%, it is **66.8047, 70.1935, 73.6470**.

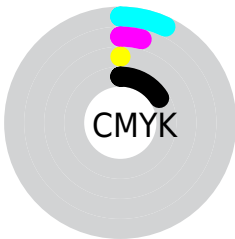
Distribution



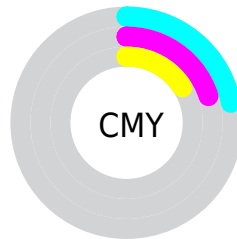
- Red (78%)
- Green (80%)
- Blue (84%)



- Red (78%)
- Yellow (80%)
- Blue (84%)



- Cyan (7%)
- Magenta (4%)
- Yellow (0%)
- Black (16%)



- Cyan (22%)
- Magenta (20%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.5221, 60.6598, 72.2951 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 57.5221, 60.6598, 72.2951 by changing the saturation by 10% instead.

■ 57.5221, 60.6598,
72.2951

■ 57.5221, 60.6598,
72.2951

405.3854,
427.0255, 487.5732

■ 41.6663, 43.9507,
52.9115

100.3536,
105.7862, 124.1876

■ 29.0301, 30.6317,
37.3449

128.0600,
134.9723, 157.5336

■ 19.2480, 20.3186,
25.1767

160.4473,
169.0861, 196.3707

■ 11.9547, 12.6268,
15.9886

197.8810,
208.5121, 241.1176

■ 6.7848, 7.1721,
9.3618

240.7262,
253.6346, 292.1927

■ 3.3730, 3.5700,
4.8779

289.3485,

■ 1.3539, 1.4360,

304.8381, 350.0147

2.1183

344.1131,
362.5069, 415.0020

■ 0.2231, 0.2431,
0.6266

■ 0.0000, 0.0000,
0.0000

■ 57.5221, 60.6598,
72.2951

■ 57.5221, 60.6598,
72.2951

■ 49.2934, 52.0467,
71.0672

■ 66.8047, 70.1935,
73.6470

■ 42.0742, 44.3173,
69.9558

■ 77.1730, 80.6678,
75.1223

■ 35.8245, 37.4435,
68.9584

■ 85.5816, 90.5227,
76.5813

■ 30.4996, 31.3925,
68.0711

■ 89.1378, 97.6351,
77.7667

■ 26.0509, 26.1293,
67.2897

■ 22.4252, 21.6159,
66.6096

■ 19.5627, 17.8102,
66.0259

■ 17.3942, 14.6651,
65.5331

■ 15.8308, 12.1222,
65.1247

Harmonies

Analogous

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



56.4899, 60.6598, 71.2353



57.5221, 60.6598, 72.2951



58.6029, 60.6598, 71.6376

Triad

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



57.5221, 60.6598, 72.2951



59.5753, 60.6598, 63.3856



55.9076, 60.6598, 62.7444

Complementary

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



57.5221, 60.6598, 72.2951



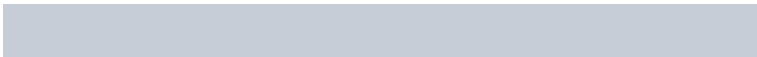
60.5964, 63.5309, 63.1027

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.



56.7180, 60.6598, 60.7574



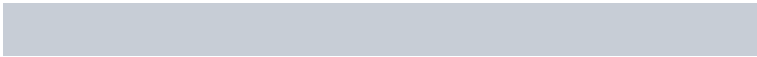
57.5221, 60.6598, 72.2951



58.8367, 60.6598, 61.1192

Square

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



57.5221, 60.6598, 72.2951



59.7972, 60.6598, 66.4308



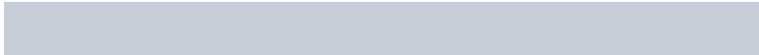
57.7887, 60.6598, 60.1720



55.5652, 60.6598, 65.6671

Rectangle

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



57.5221, 60.6598, 72.2951



59.2041, 60.6598, 70.3249



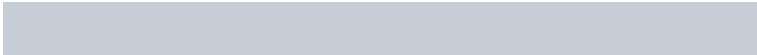
57.7887, 60.6598, 60.1720



56.1338, 60.6598, 61.9485

Sweetspot

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



57.5239, 60.6624, 72.2964



92.2304, 97.1093, 108.4907



58.9551, 64.7780, 68.9105



19.7707, 20.8158, 23.2258



0.0000, 0.0000, 0.0000



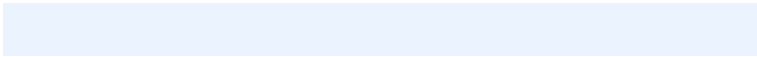
20.3446, 21.4041, 23.3091

Same Dimension

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



57.5239, 60.6624, 72.2964



84.1591, 88.7744, 107.3073



56.4483, 58.0167, 71.8425



12.1464, 12.8163, 15.7711



9.4264, 7.1145, 39.3296



0.6484, 0.5888, 2.3988

Inverse Universe

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



59.1758, 59.5520, 66.1364



86.9760, 86.9047, 96.7977



61.7244, 66.3264, 63.5829



12.6271, 12.5023, 13.9766



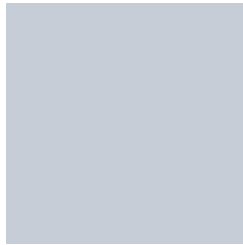
17.8169, 9.0631, 6.3396



1.1149, 0.5628, 0.5946

Previews

White Background



This preview shows how the XYZ color 57.5221, 60.6598, 72.2951 looks on a white background.

Color Contrast Check

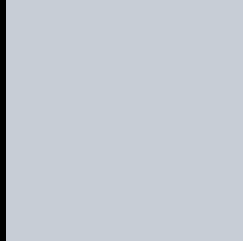
Large Text (above 18pt) WCAG AA × Fail

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 57.5221, 60.6598, 72.2951 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

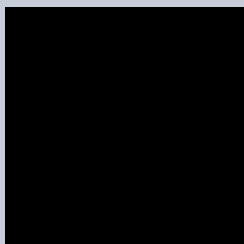
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

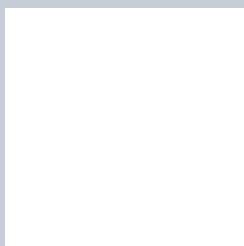
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.5221, 60.6598, 72.2951

Background



This preview shows how black text looks on a background with the XYZ color 57.5221, 60.6598, 72.2951.

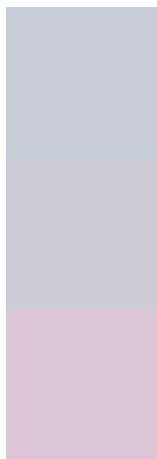


This preview shows how white text looks on a background with the XYZ color 57.5221, 60.6598,

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

57.5221, 60.6598, 72.2951

Protanopia

58.5430, 60.4951, 71.5420

Deuteranopia

61.6732, 60.3545, 72.6890



Tritanopia

58.3306, 60.6324, 76.3390

Trichromacy



Original Color

57.5221, 60.6598, 72.2951

Protanomaly

58.2317, 60.6863, 71.5953

Deuteranomaly

60.3038, 60.6766, 72.8234

Tritanomaly

58.0672, 60.5270, 74.9521

Monochromacy



Original Color

57.5221, 60.6598, 72.2951

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

57.3352, 60.2964, 68.2910

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.5221, 60.6598, 72.2951 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, 205, 214) looks like.

```
.text, #text, p{  
    color:rgb(199, 205, 214)  
}
```

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, 205, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 205, 214) }
```

Border

The CSS property to change the border of an element to XYZ 57.5221, 60.6598, 72.2951 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, 205, 214) }
```


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

```
.border{ border-color:rgb(199, 205, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 205, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 205, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 205, 214);  
box-shadow:4px 4px 4px 4px rgb(199, 205,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 57.5221, 60.6598, 72.2951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 205, 214) }
```

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

```
.background{ background-color: rgb(199,  
205, 214) }
```

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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