

Converting Colors

XYZ(59.0100, 61.5913, 72.5355)

Have a look what the booklet for
XYZ(59.0100, 61.5913, 72.5355)
contains.

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Color

**XYZ(58.8708, 61.3551,
72.3582)**

Conversions

Conversions Part 1

Format	Color
Hex	CCCDD6
RGB	204, 205, 214
RGB Percent	80%, 80%, 84%
CMY	0.2000, 0.1961, 0.1608
CMYK	0.05, 0.04, 0.00, 0.16
HSL	234°, 11%, 82%
HSV	234°, 5%, 84%
XYZ	58.8708, 61.3551, 72.3582
YIQ	205.7270, -3.4850, 2.5870

Conversions

Conversions Part 2

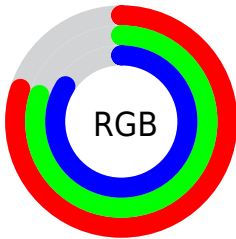
Format	Color
R _Y B	204, 205, 214
Decimal	13422038
CIE Lab	82.57, 1.34, -4.58
CIE LCh	83, 4.777, 286.325
Yxy	61.3551, 0.3057, 0.3186
Android (android.graphics.Color)	4291612118 (0xFFCCDD6)
YUV	205.7270, 4.0786, -1.5146
Hunter-Lab	78.3295, -2.9198, 0.0605

Details

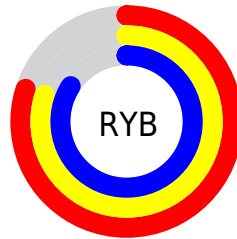
The XYZ color **58.8708, 61.3551, 72.3582** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.4250, 66.2436, 66.6239**, and the grayscale version is **58.4696, 61.5145, 66.9893**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.9023, 31.1205, 37.2317** is the 20% darker color. If you saturate the color by 10%, you get **49.0782, 49.8869, 70.6617**, and if you desaturate by 10%, it is **70.0396, 74.3775, 74.2840**.

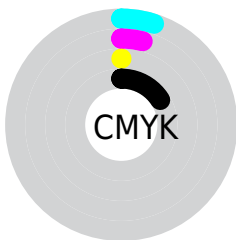
Distribution



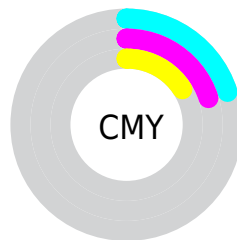
- Red (80%)
- Green (80%)
- Blue (84%)



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



- Cyan (5%)
- Magenta (4%)
- Yellow (0%)
- Black (16%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.8708, 61.3551, 72.3582 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 58.8708, 61.3551, 72.3582 by changing the saturation by 10% instead.

■ 58.8708, 61.3551,
72.3582

■ 58.8708, 61.3551,
72.3582

410.3247,
429.5748, 487.7984

■ 42.7551, 44.5118,
52.9627

102.3056,
106.7929, 124.2781

■ 29.8867, 31.0731,
37.3855

130.3553,
136.1562, 157.6396

■ 19.9002, 20.6545,
25.2080

163.1138,
170.4617, 196.4936

■ 12.4304, 12.8717,
16.0116

200.9464,
210.0937, 241.2584

■ 7.1118, 7.3402,
9.3779

244.2184,
255.4366, 292.3528

■ 3.5791, 3.6758,
4.8883

293.2953,

■ 1.4669, 1.4939,

306.8748, 350.1953

2.1243

348.5422,
364.7928, 415.2043

■ 0.3031, 0.2844,
0.6302

■ 0.0000, 0.0000,
0.0000

■ 58.8708, 61.3551,
72.3582

■ 58.8708, 61.3551,
72.3582

■ 49.0782, 49.8869,
70.6617

■ 70.0396, 74.3775,
74.2840

■ 40.6034, 39.9072,
69.1821

■ 82.6295, 89.0009,
76.4431

■ 33.3915, 31.3572,
67.9119

■ 89.1378, 97.6351,
77.7666

■ 27.3818, 24.1711,
66.8416

■ 22.5085, 18.2783,
65.9610

■ 18.6996, 13.6012,
65.2590

■ 15.8746, 10.0545,
64.7233

■ 13.9415, 7.5410,
64.3400

■ 12.7903, 5.9474,
64.0931

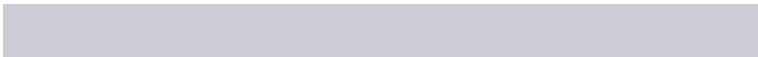
Harmonies

Analogous

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



57.8524, 61.3551, 72.4294



58.8708, 61.3551, 72.3582



59.7504, 61.3551, 70.7711

Triad

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



58.8708, 61.3551, 72.3582



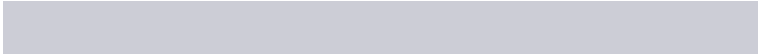
59.6850, 61.3551, 62.8134



56.4259, 61.3551, 65.4824

Complementary

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



58.8708, 61.3551, 72.3582



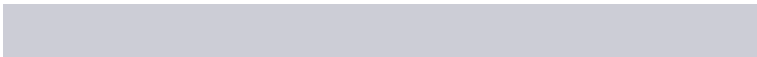
62.4250, 66.2436, 66.6239

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.



56.9051, 61.3551, 62.9904



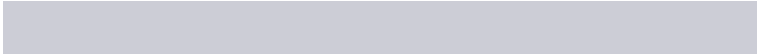
58.8708, 61.3551, 72.3582



58.7824, 61.3551, 61.4801

Square

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



58.8708, 61.3551, 72.3582



60.2242, 61.3551, 65.2344



57.7651, 61.3551, 61.5440



56.4489, 61.3551, 68.4012

Rectangle

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



58.8708, 61.3551, 72.3582



60.1361, 61.3551, 69.0927



57.7651, 61.3551, 61.5440



56.5333, 61.3551, 64.5689

Sweetspot

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



58.8726, 61.3577, 72.3595



93.3905, 98.0645, 108.6139



60.9385, 65.7271, 72.3157



20.0069, 21.0103, 23.2509



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.



58.8726, 61.3577, 72.3595



85.4083, 88.7426, 107.2353



59.6971, 61.4276, 72.3296



12.4621, 12.9330, 15.7770



7.5390, 3.3398, 38.7005



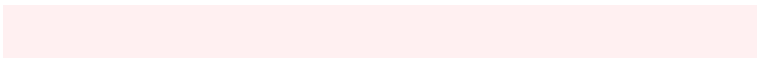
0.4897, 0.2714, 2.3459

Inverse Universe

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



60.3453, 61.8909, 66.5263



88.2242, 89.7686, 96.0804



61.5724, 66.1799, 66.6566



12.9121, 13.0974, 13.9944



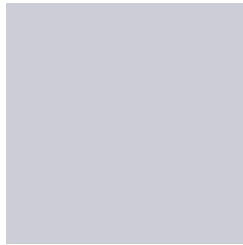
16.8642, 8.6820, 1.3231



1.0348, 0.5307, 0.1728

Previews

White Background



This preview shows how the XYZ color 58.8708, 61.3551, 72.3582 looks on a white background.

Color Contrast Check

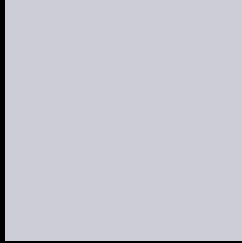
Large Text (above 18pt) WCAG AA × Fail

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 58.8708, 61.3551, 72.3582 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

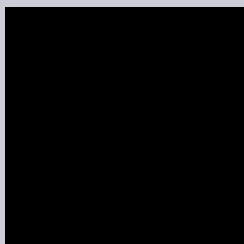
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

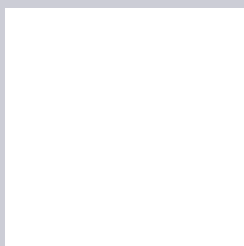
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.8708, 61.3551, 72.3582

Background



This preview shows how black text looks on a background with the XYZ color 58.8708, 61.3551, 72.3582.

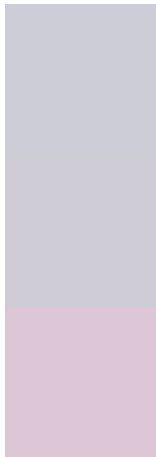


This preview shows how white text looks on a background with the XYZ color 58.8708, 61.3551,

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

58.8708, 61.3551, 72.3582

Protanopia

59.4626, 61.3062, 72.3176

Deuteranopia

62.5080, 61.1253, 72.7938



Tritanopia

59.6880, 61.3322, 76.4025

Trichromacy



Original Color

58.8708, 61.3551, 72.3582

Protanomaly

59.1841, 61.1626, 72.3046

Deuteranomaly

61.1767, 61.1267, 72.8642

Tritanomaly

59.4246, 61.2268, 75.0156

Monochromacy



Original Color

58.8708, 61.3551, 72.3582

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.7568, 61.7252, 69.1389

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.8708, 61.3551, 72.3582 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(204, 205, 214) looks like.

```
.text, #text, p{  
    color:rgb(204, 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(204, 205, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 205, 214) }
```

Border

The CSS property to change the border of an element to XYZ 58.8708, 61.3551, 72.3582 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(204, 205, 214) }
```


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

```
.border{ border-color:rgb(204, 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(204, 205, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 205, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 205, 214);  
box-shadow:4px 4px 4px 4px rgb(204, 205,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 58.8708, 61.3551, 72.3582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 205, 214) }
```

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

```
.background{ background-color: rgb(204,  
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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