

Converting Colors

XYZ(56.9416, 61.4361, 72.4755)

Have a look what the booklet for
XYZ(56.9416, 61.4361, 72.4755)
contains.

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Color

**XYZ(56.9416, 61.4361,
72.4755)**

Conversions

Conversions Part 1

Format	Color
Hex	C2D0D6
RGB	194, 208, 214
RGB Percent	76%, 82%, 84%
CMY	0.2392, 0.1843, 0.1608
CMYK	0.09, 0.03, 0.00, 0.16
HSL	198°, 20%, 80%
HSV	198°, 9%, 84%
XYZ	56.9416, 61.4361, 72.4755
YIQ	204.4980, -10.2700, -1.1020

Conversions

Conversions Part 2

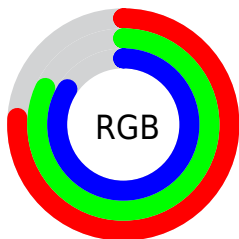
Format	Color
RYB	194, 202, 214
Decimal	12767446
CIELab	82.61, -3.55, -4.60
CIELCh	83, 5.814, 232.349
Yxy	61.4361, 0.2984, 0.3219
Android (android.graphics.Color)	4290957526 (0xFFC2D0D6)
YUV	204.4980, 4.6845, -9.2067
Hunter-Lab	78.3812, -7.4921, 0.0441

Details

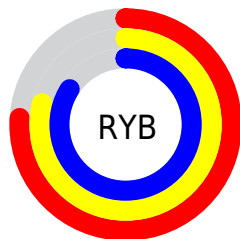
The XYZ color **56.9416, 61.4361, 72.4755** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.1237, 59.4994, 59.4611**, and the grayscale version is **57.6870, 60.6912, 66.0927**.

A 20% lighter version of the original color is **93.5937, 99.2492, 108.8318**, and **28.6288, 31.1899, 37.3122** is the 20% darker color. If you saturate the color by 10%, you get **50.3074, 55.7419, 71.7270**, and if you desaturate by 10%, it is **64.4336, 67.6698, 73.2848**.

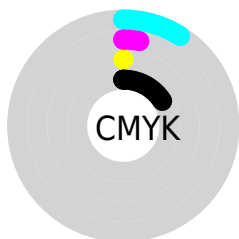
Distribution



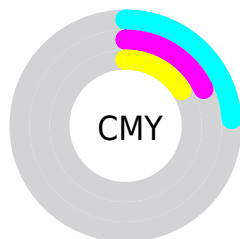
- Red (76%)
- Green (82%)
- Blue (84%)



- Red (76%)
- Yellow (79%)
- Blue (84%)



- Cyan (9%)
- Magenta (3%)
- Yellow (0%)
- Black (16%)



- Cyan (24%)
- Magenta (18%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.9416, 61.4361, 72.4755 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 56.9416, 61.4361, 72.4755 by changing the saturation by 10% instead.

■ 56.9416, 61.4361,
72.4755

■ 56.9416, 61.4361,
72.4755

403.2482,
429.8712, 488.2169

■ 41.1983, 44.5772,
53.0580

■ 99.5118, 106.9101,
124.4463

■ 28.6624, 31.1245,
37.4610

127.0695,
136.2940, 157.8367

■ 18.9686, 20.6937,
25.2661

159.2959,
170.6218, 196.7218

■ 11.7515, 12.9003,
16.0546

196.5566,
210.2777, 241.5202

■ 6.6457, 7.3599,
9.4080

239.2168,
255.6462, 292.6503

■ 3.2859, 3.6882,
4.9078

287.6419,

■ 1.3067, 1.5007,

307.1117, 350.5308

2.1355

342.1972,
365.0585, 415.5802

■ 0.1882, 0.2892,
0.6368

■ 0.0000, 0.0000,
0.0000

■ 56.9416, 61.4361,
72.4755

■ 56.9416, 61.4361,
72.4755

■ 50.3074, 55.7419,
71.7270

■ 64.4336, 67.6698,
73.2848

■ 44.4912, 50.5607,
71.0335

■ 72.8105, 74.4530,
74.1526

■ 39.4581, 45.8749,
70.3943

■ 80.9166, 81.1928,
75.0263

■ 35.1682, 41.6629,
69.8074

■ 82.7072, 84.7739,
75.6231

■ 31.5782, 37.9011,
69.2705

■ 84.5639, 88.4873,
76.2420

■ 28.6397, 34.5635,
68.7812

■ 86.4874, 92.3343,
76.8832

■ 26.2979, 31.6205,
68.3366

■ 88.4783, 96.3163,
77.5468

■ 24.4879, 29.0376,
67.9334

■ 89.1378, 97.6351,
77.7666

■ 23.1022, 26.7580,
67.5664

Harmonies

Analogous

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



56.2048, 61.4361, 69.5371



56.9416, 61.4361, 72.4755



58.0747, 61.4361, 73.9283

Triad

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



56.9416, 61.4361, 72.4755



60.8005, 61.4361, 67.8113



57.4867, 61.4361, 60.7448

Complementary

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



56.9416, 61.4361, 72.4755



58.1237, 59.4994, 59.4611

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.



58.7128, 61.4361, 60.3197



56.9416, 61.4361, 72.4755



60.6376, 61.4361, 64.3177

Square

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



56.9416, 61.4361, 72.4755



60.3110, 61.4361, 71.1738



59.8692, 61.4361, 61.6057



56.5164, 61.4361, 62.7883

Rectangle

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



56.9416, 61.4361, 72.4755



58.9072, 61.4361, 73.8239



59.8692, 61.4361, 61.6057



57.8822, 61.4361, 60.4109

Sweetspot

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



56.9434, 61.4387, 72.4769



91.5639, 97.1230, 108.5284



56.6821, 63.7180, 63.7519



19.4034, 20.6265, 23.2086



0.0000, 0.0000, 0.0000



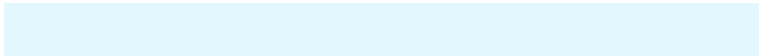
20.3446, 21.4041, 23.3091

Same Dimension

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



56.9434, 61.4387, 72.4769



82.8481, 89.8134, 107.5769



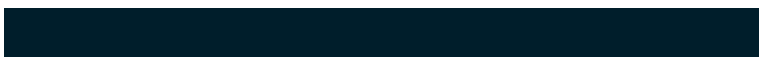
54.6571, 56.8662, 71.7148



12.4632, 13.4499, 15.8767



14.0074, 16.2766, 40.8566



0.9157, 1.1234, 2.4879

Inverse Universe

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



58.4099, 57.4350, 67.6850



85.4206, 82.8609, 99.1554



60.4345, 64.1210, 60.2314



12.7870, 12.5663, 14.8187



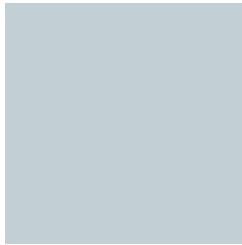
20.1292, 9.9880, 18.5160



1.2499, 0.6167, 1.3051

Previews

White Background



This preview shows how the XYZ color 56.9416, 61.4361, 72.4755 looks on a white background.

Color Contrast Check

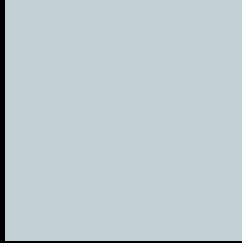
Large Text (above 18pt) WCAG AA × Fail

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 56.9416, 61.4361, 72.4755 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

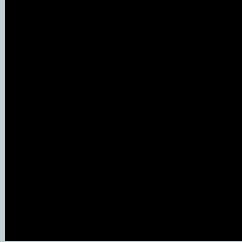
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

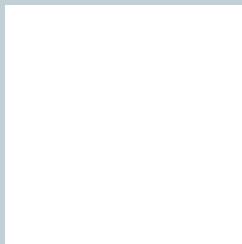
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.9416, 61.4361, 72.4755

Background



This preview shows how black text looks on a background with the XYZ color 56.9416, 61.4361, 72.4755.



This preview shows how white text looks on a background with the XYZ color 56.9416, 61.4361,

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

56.9416, 61.4361, 72.4755

Protanopia

59.2087, 61.2046, 70.9804

Deuteranopia

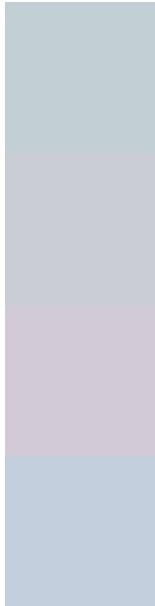
62.6369, 61.1769, 73.4727



Tritanopia

58.3971, 61.6891, 78.6414

Trichromacy



Original Color

56.9416, 61.4361, 72.4755

Protanomaly

58.1987, 61.0233, 71.6621

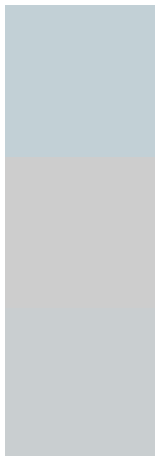
Deuteranomaly

60.2502, 60.9962, 72.8879

Tritanomaly

57.7368, 61.3951, 76.5175

Monochromacy



Original Color

56.9416, 61.4361, 72.4755

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

57.5439, 61.1142, 68.4378

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.9416, 61.4361, 72.4755 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(194, 208, 214)` looks like.

```
.text, #text, p{  
    color:rgb(194, 208, 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(194, 208, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 208, 214) }
```

Border

The CSS property to change the border of an element to XYZ 56.9416, 61.4361, 72.4755 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(194, 208, 214) }
```


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

```
.border{ border-color:rgb(194, 208, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 208, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 208, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 208, 214);  
box-shadow:4px 4px 4px 4px rgb(194, 208,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 56.9416, 61.4361, 72.4755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 208, 214) }
```

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

```
.background{ background-color: rgb(194,  
208, 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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