

Converting Colors

XYZ(57.2199, 60.8944, 70.8940)

Have a look what the booklet for
XYZ(57.2199, 60.8944, 70.8940)
contains.

XYZ(57.2437, 60.9018, 71.0255)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(57.2437, 60.9018,
71.0255)**

Conversions

Conversions Part 1

Format	Color
Hex	C6CED4
RGB	198, 206, 212
RGB Percent	78%, 81%, 83%
CMY	0.2235, 0.1921, 0.1686
CMYK	0.07, 0.03, 0.00, 0.17
HSL	206°, 14%, 80%
HSV	206°, 7%, 83%
XYZ	57.2437, 60.9018, 71.0255
YIQ	204.2920, -6.6940, 0.1700

Conversions

Conversions Part 2

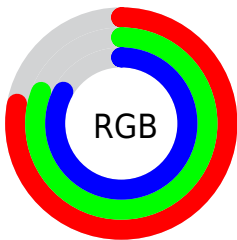
Format	Color
R _Y B	198, 203, 212
Decimal	13029076
CIE Lab	82.33, -1.57, -3.93
CIE LCh	82, 4.228, 248.178
Yxy	60.9018, 0.3026, 0.3219
Android (android.graphics.Color)	4291219156 (0xFFC6CED4)
YUV	204.2920, 3.8000, -5.5181
Hunter-Lab	78.0396, -5.6358, 0.6666

Details

The XYZ color **57.2437, 60.9018, 71.0255** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.9376, 61.2597, 62.1452**, and the grayscale version is **57.5604, 60.5580, 65.9476**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.8156, 30.8201, 36.3284** is the 20% darker color. If you saturate the color by 10%, you get **49.9190, 53.9751, 70.0755**, and if you desaturate by 10%, it is **65.4804, 68.4896, 72.0569**.

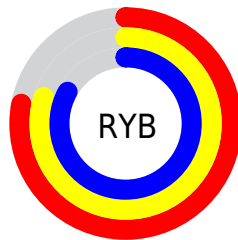
Distribution



Red (78%)

Green (81%)

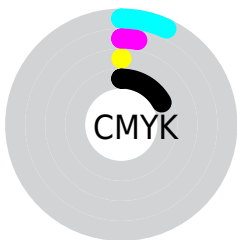
Blue (83%)



Red (78%)

Yellow (80%)

Blue (83%)

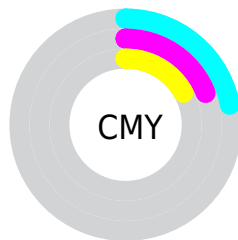


Cyan (7%)

Magenta (3%)

Yellow (0%)

Black (17%)



Cyan (22%)

Magenta (19%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.2437, 60.9018, 71.0255 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 57.2437, 60.9018, 71.0255 by changing the saturation by 10% instead.

■ 57.2437, 60.9018,
71.0255

■ 57.2437, 60.9018,
71.0255

404.3613,
427.9139, 483.0286

■ 41.4418, 44.1459,
51.8810

99.9500, 106.1367,
122.3648

■ 28.8537, 30.7852,
36.5287

127.5851,
135.3846, 155.3968

■ 19.1139, 20.4354,
24.5499

159.8954,
169.5652, 193.8950

■ 11.8571, 12.7119,
15.5260

197.2462,
209.0630, 238.2780

■ 6.7179, 7.2305,
9.0387

240.0028,
254.2624, 288.9643

■ 3.3311, 3.6066,
4.6693

288.5306,

■ 1.3312, 1.4561,

305.5477, 346.3725

1.9992

343.1950,
363.3034, 410.9211

■ 0.2064, 0.2575,
0.5548

■ 0.0000, 0.0000,
0.0000

■ 57.2437, 60.9018,
71.0255

■ 57.2437, 60.9018,
71.0255

■ 49.9190, 53.9751,
70.0755

■ 65.4804, 68.4896,
72.0569

■ 43.4666, 47.6807,
69.2006

■ 74.6563, 76.7505,
73.1678

■ 37.8516, 41.9993,
68.4000

■ 82.3332, 84.4322,
74.2459

■ 33.0345, 36.9070,
67.6709

■ 84.9742, 89.7143,
75.1262

■ 28.9723, 32.3784,
67.0109

■ 87.7496, 95.2650,
76.0514

■ 25.6178, 28.3855,
66.4170

■ 88.8838, 97.5335,
76.4295

■ 22.9176, 24.8974,
65.8861

■ 20.8099, 21.8783,
65.4144

■ 19.2159, 19.2838,
64.9976

Harmonies

Analogous

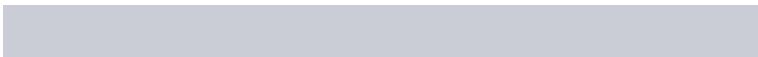
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



56.5341, 60.9018, 69.4262



57.2437, 60.9018, 71.0255



58.1321, 60.9018, 71.3454

Triad

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



57.2437, 60.9018, 71.0255



59.6172, 60.9018, 65.6084



56.8210, 60.9018, 62.4872

Complementary

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



57.2437, 60.9018, 71.0255



58.9376, 61.2597, 62.1452

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.



57.6392, 60.9018, 61.5206



57.2437, 60.9018, 71.0255



59.2580, 60.9018, 63.2918

Square

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



57.2437, 60.9018, 71.0255



59.5087, 60.9018, 68.1733



58.5317, 60.9018, 61.8112



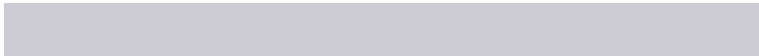
56.2918, 60.9018, 64.4843

Rectangle

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



57.2437, 60.9018, 71.0255



58.7073, 60.9018, 70.7824



58.5317, 60.9018, 61.8112



57.0711, 60.9018, 62.0334

Sweetspot

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



57.2455, 60.9044, 71.0268



92.5055, 97.6596, 108.5824



57.7123, 63.4454, 66.2275



19.8267, 20.9278, 23.2444



0.0000, 0.0000, 0.0000



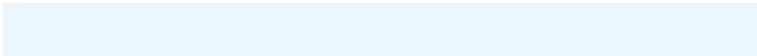
20.3446, 21.4041, 23.3091

Same Dimension

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



57.2455, 60.9044, 71.0268



85.2144, 90.8849, 107.6590



55.6353, 57.6840, 70.4901



12.3260, 13.1754, 15.8310



11.6728, 11.6073, 40.0784



0.7855, 0.8629, 2.4445

Inverse Universe

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



58.4874, 58.8428, 66.6706



87.5087, 87.1178, 99.6025



60.5983, 64.5810, 62.6988



12.7177, 12.5386, 14.4539



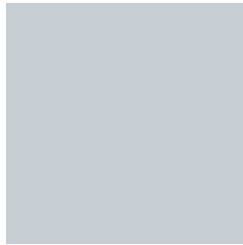
18.9507, 9.5166, 12.3105



1.1841, 0.5904, 0.9589

Previews

White Background



This preview shows how the XYZ color 57.2437, 60.9018, 71.0255 looks on a white background.

Color Contrast Check

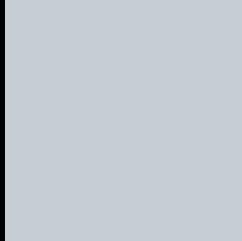
Large Text (above 18pt) WCAG AA × Fail

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 57.2437, 60.9018, 71.0255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

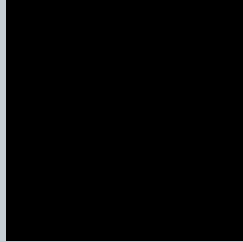
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

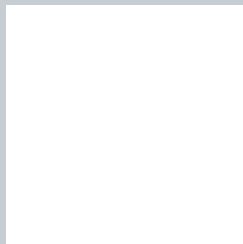
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.2437, 60.9018, 71.0255

Background



This preview shows how black text looks on a background with the XYZ color 57.2437, 60.9018, 71.0255.

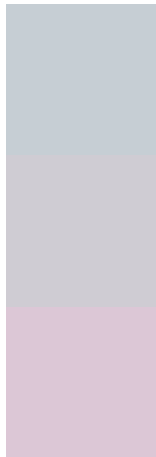


This preview shows how white text looks on a background with the XYZ color 57.2437, 60.9018,

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

57.2437, 60.9018, 71.0255

Protanopia

59.0829, 61.1543, 70.3180

Deuteranopia

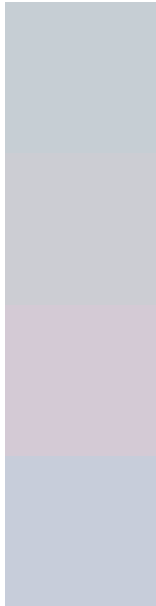
62.0762, 60.9175, 72.1048



Tritanopia

58.4357, 61.0252, 77.1058

Trichromacy



Original Color

57.2437, 60.9018, 71.0255

Protanomaly

58.4910, 61.2032, 70.3586

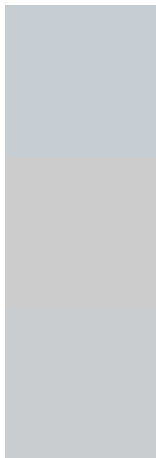
Deuteranomaly

60.2821, 61.0422, 71.5559

Tritanomaly

58.0394, 60.8667, 75.0191

Monochromacy



Original Color

57.2437, 60.9018, 71.0255

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

57.4509, 60.7242, 67.7244

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.2437, 60.9018, 71.0255 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(198, 206, 212) looks like.

```
.text, #text, p{  
    color:rgb(198, 206, 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(198, 206, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 206, 212) }
```

Border

The CSS property to change the border of an element to XYZ 57.2437, 60.9018, 71.0255 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(198, 206, 212) }
```


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

```
.border{ border-color:rgb(198, 206, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 206, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 206, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 206, 212);  
box-shadow:4px 4px 4px 4px rgb(198, 206,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 57.2437, 60.9018, 71.0255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 206, 212) }
```

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

```
.background{ background-color: rgb(198,  
206, 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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