

Converting Colors

XYZ(54.9266, 57.7053, 73.2662)

Have a look what the booklet for
XYZ(54.9266, 57.7053, 73.2662)
contains.

XYZ(54.7872, 57.4729, 73.1715)	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(54.7872, 57.4729,
73.1715)**

Conversions

Conversions Part 1

Format	Color
Hex	C0C8D8
RGB	192, 200, 216
RGB Percent	75%, 78%, 85%
CMY	0.2471, 0.2157, 0.1529
CMYK	0.11, 0.07, 0.00, 0.15
HSL	220°, 24%, 80%
HSV	220°, 11%, 85%
XYZ	54.7872, 57.4729, 73.1715
YIQ	199.4320, -9.9040, 3.2800

Conversions

Conversions Part 2

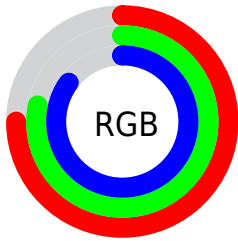
Format	Color
R _Y B	192, 198, 216
Decimal	12634328
CIE Lab	80.44, 0.41, -8.90
CIE LCh	80, 8.908, 272.624
Yxy	57.4729, 0.2955, 0.3099
Android (android.graphics.Color)	4290824408 (0xFFC0C8D8)
YUV	199.4320, 8.1680, -6.5179
Hunter-Lab	75.8109, -3.6702, -4.1582

Details

The XYZ color **54.7872, 57.4729, 73.1715** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.3895, 63.5161, 58.9473**, and the grayscale version is **54.5079, 57.3466, 62.4504**.

A 20% lighter version of the original color is **92.5214, 98.6965, 108.7817**, and **27.1931, 28.5343, 37.7926** is the 20% darker color. If you saturate the color by 10%, you get **46.5356, 48.5012, 71.8756**, and if you desaturate by 10%, it is **64.1589, 67.4912, 74.6122**.

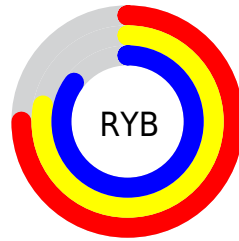
Distribution



Red (75%)

Green (78%)

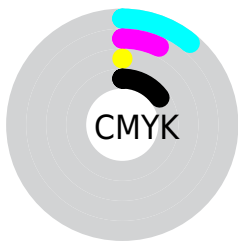
Blue (85%)



Red (75%)

Yellow (78%)

Blue (85%)

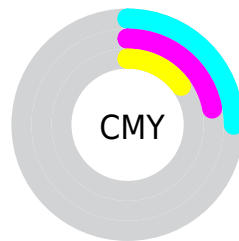


Cyan (11%)

Magenta (7%)

Yellow (0%)

Black (15%)



Cyan (25%)

Magenta (22%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.7872, 57.4729, 73.1715 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 54.7872, 57.4729, 73.1715 by changing the saturation by 10% instead.

■ 54.7872, 57.4729,
73.1715

■ 54.7872, 57.4729,
73.1715

395.2543,
415.2190, 490.6957

■ 39.4645, 41.3850,
53.6235

■ 96.3792, 101.1549,
125.4438

■ 27.3037, 28.6201,
37.9096

123.3793,
129.5178, 159.0053

■ 17.9392, 18.7936,
25.6113

155.0026,
162.7412, 198.0749

■ 11.0057, 11.5212,
16.3099

191.6144,
201.2094, 243.0714

■ 6.1380, 6.4186,
9.5870

233.5802,
245.3069, 294.4131

■ 2.9706, 3.1012,
5.0240

281.2652,

■ 1.1383, 1.1848,

295.4181, 352.5187

2.2024

335.0348,
351.9273, 417.8067

■ 0.0568, 0.0492,
0.6757

■ 0.0000, 0.0000,
0.0000

■ 54.7872, 57.4729,
73.1715

■ 54.7872, 57.4729,
73.1715

■ 46.5356, 48.5012,
71.8756

■ 64.1589, 67.4912,
74.6122

■ 39.3556, 40.5338,
70.7162

■ 74.6865, 78.5824,
76.1981

■ 33.2024, 33.5357,
69.6897

■ 85.7445, 90.4373,
77.9035

■ 28.0262, 27.4672,
68.7912

■ 89.3948, 97.7379,
79.1203

■ 23.7724, 22.2854,
68.0152

■ 20.3811, 17.9439,
67.3559

■ 17.7842, 14.3909,
66.8070

■ 15.9020, 11.5677,
66.3613

■ 14.7138, 9.5959,
66.0433

Harmonies

Analogous

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



53.0275, 57.4729, 71.9402



54.7872, 57.4729, 73.1715



56.5414, 57.4729, 71.4361

Triad

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



54.7872, 57.4729, 73.1715



57.6374, 57.4729, 57.3115



51.5670, 57.4729, 58.0669

Complementary

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



54.7872, 57.4729, 73.1715



60.3895, 63.5161, 58.9473

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.



52.7549, 57.4729, 54.4846



54.7872, 57.4729, 73.1715



56.2569, 57.4729, 54.0659

Square

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



54.7872, 57.4729, 73.1715



58.2097, 57.4729, 62.1189



54.4656, 57.4729, 53.0601



51.1930, 57.4729, 63.0398

Rectangle

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



54.7872, 57.4729, 73.1715



57.4645, 57.4729, 68.8837



54.4656, 57.4729, 53.0601



51.8830, 57.4729, 56.6698

Sweetspot

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



54.7889, 57.4753, 73.1728



90.6861, 95.3675, 108.2358



57.6311, 64.8536, 68.8983



19.1665, 20.1527, 23.1296



0.0000, 0.0000, 0.0000



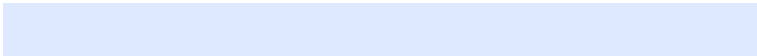
20.3446, 21.4041, 23.3091

Same Dimension

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



54.7889, 57.4753, 73.1728



77.2400, 80.9493, 106.1615



53.9064, 54.3405, 72.6142



12.0776, 12.6786, 15.7482



8.7980, 5.8578, 39.1201



0.6057, 0.5035, 2.3846

Inverse Universe

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



57.5952, 56.4696, 62.5105



82.0157, 79.3006, 88.0026



61.3381, 66.9750, 59.5650



12.5924, 12.4884, 13.7936



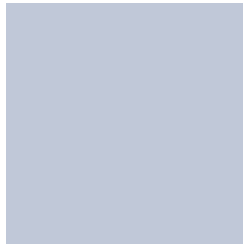
17.4997, 8.9362, 4.6694



1.0934, 0.5541, 0.4812

Previews

White Background



This preview shows how the XYZ color 54.7872, 57.4729, 73.1715 looks on a white background.

Color Contrast Check

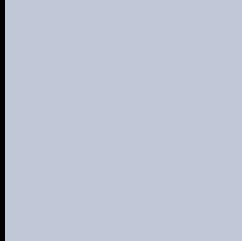
Large Text (above 18pt) WCAG AA × Fail

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 54.7872, 57.4729, 73.1715 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

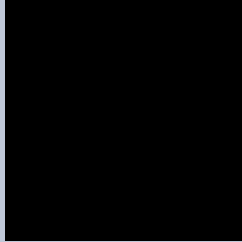
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

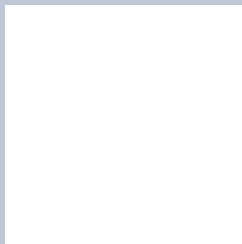
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.7872, 57.4729, 73.1715

Background



This preview shows how black text looks on a background with the XYZ color 54.7872, 57.4729, 73.1715.

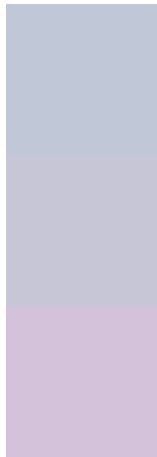


This preview shows how white text looks on a background with the XYZ color 54.7872, 57.4729,

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

54.7872, 57.4729, 73.1715

Protanopia

55.7485, 57.3002, 72.4118

Deuteranopia

58.6801, 57.4422, 73.6403



Tritanopia

54.7872, 57.4729, 73.1715

Trichromacy



Original Color

54.7872, 57.4729, 73.1715

Protanomaly

55.4541, 57.4889, 72.4637

Deuteranomaly

57.1662, 57.3270, 73.6979

Tritanomaly

54.7872, 57.4729, 73.1715

Monochromacy



Original Color

54.7872, 57.4729, 73.1715

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

54.2078, 56.9904, 65.9008

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.7872, 57.4729, 73.1715 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(192, 200, 216)` looks like.

```
.text, #text, p{  
    color:rgb(192, 200, 216)  
}
```

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(192, 200, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 200, 216) }
```

Border

The CSS property to change the border of an element to XYZ 54.7872, 57.4729, 73.1715 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(192, 200, 216) }
```


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

```
.border{ border-color:rgb(192, 200, 216) }
```

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

Here you see how a box with a 4 pixel rgb(192, 200, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 200, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 200, 216);  
box-shadow:4px 4px 4px 4px rgb(192, 200,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 54.7872, 57.4729, 73.1715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 200, 216) }
```

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

```
.background{ background-color: rgb(192,  
200, 216) }
```

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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