

Converting Colors

XYZ(52.0777, 55.4914, 71.4571)

Have a look what the booklet for
XYZ(52.0777, 55.4914, 71.4571)
contains.

XYZ(52.0988, 55.4336, 71.5722)	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(52.0988, 55.4336,
71.5722)**

Conversions

Conversions Part 1

Format	Color
Hex	B8C6D6
RGB	184, 198, 214
RGB Percent	72%, 78%, 84%
CMY	0.2784, 0.2235, 0.1608
CMYK	0.14, 0.07, 0.00, 0.16
HSL	212°, 27%, 78%
HSV	212°, 14%, 84%
XYZ	52.0988, 55.4336, 71.5722
YIQ	195.6380, -13.4800, 2.0080

Conversions

Conversions Part 2

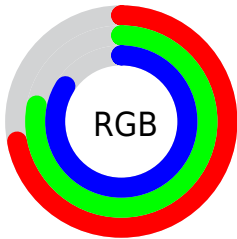
Format	Color
RYB	184, 194, 214
Decimal	12109526
CIELab	79.29, -1.54, -9.60
CIELCh	79, 9.725, 260.908
Yxy	55.4336, 0.2909, 0.3095
Android (android.graphics.Color)	4290299606 (0xFFB8C6D6)
YUV	195.6380, 9.0525, -10.2065
Hunter-Lab	74.4537, -5.3892, -4.8777

Details

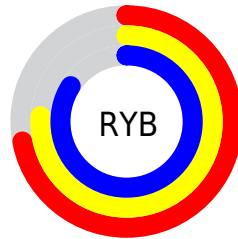
The XYZ color **52.0988, 55.4336, 71.5722** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.0377, 59.0649, 53.7427**, and the grayscale version is **52.2072, 54.9261, 59.8145**.

A 20% lighter version of the original color is **89.7452, 97.2653, 108.6517**, and **25.5913, 27.2750, 36.7167** is the 20% darker color. If you saturate the color by 10%, you get **44.8447, 47.9680, 70.5144**, and if you desaturate by 10%, it is **60.3282, 63.6967, 72.7343**.

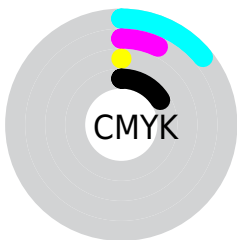
Distribution



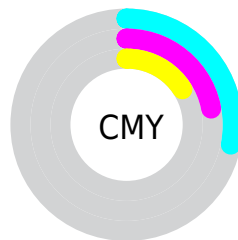
- Red (72%)
- Green (78%)
- Blue (84%)



- Red (72%)
- Yellow (76%)
- Blue (84%)



- Cyan (14%)
- Magenta (7%)
- Yellow (0%)
- Black (16%)



- Cyan (28%)
- Magenta (22%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.0988, 55.4336, 71.5722 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 52.0988, 55.4336, 71.5722 by changing the saturation by 10% instead.

■ 52.0988, 55.4336,
71.5722

■ 52.0988, 55.4336,
71.5722

385.1356,
407.5535, 484.9887

■ 37.3084, 39.7490,
52.3246

■ 92.4503, 98.1760,
123.1502

■ 25.6211, 27.3429,
36.8798

118.7421,
126.0025, 156.3176

■ 16.6716, 17.8309,
24.8194

149.5985,
158.6451, 194.9621

■ 10.0945, 10.8287,
15.7248

185.3847,
196.4882, 239.5021

■ 5.5244, 5.9517,
9.1774

226.4662,
239.9162, 290.3562

■ 2.5960, 2.8158,
4.7587

273.2083,

■ 0.9439, 1.0363,

289.3135, 347.9430

2.0501

325.9763,
345.0644, 412.6810

■ 0.0000, 0.0000,
0.5858

■ 0.0000, 0.0000,
0.0000

■ 52.0988, 55.4336,
71.5722

■ 52.0988, 55.4336,
71.5722

■ 44.8447, 47.9680,
70.5144

■ 60.3282, 63.6967,
72.7343

■ 38.5220, 41.2664,
69.5541

■ 69.5646, 72.7754,
73.9998

■ 33.0905, 35.3030,
68.6893

■ 79.8445, 82.6959,
75.3729

■ 28.5049, 30.0476,
67.9166

■ 85.6230, 90.6057,
76.5950

■ 24.7157, 25.4675,
67.2323

■ 89.1378, 97.6351,
77.7666

■ 21.6677, 21.5269,
66.6323

■ 19.2974, 18.1852,
66.1122

■ 17.5288, 15.3952,
65.6669

■ 16.6843, 13.9482,
65.4321

Harmonies

Analogous

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



50.3631, 55.4336, 69.0648



52.0988, 55.4336, 71.5722



54.0349, 55.4336, 70.9343

Triad

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



52.0988, 55.4336, 71.5722



56.2620, 55.4336, 56.6129



49.8363, 55.4336, 53.8482

Complementary

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



52.0988, 55.4336, 71.5722



57.0377, 59.0649, 53.7427

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.



51.3636, 55.4336, 50.8886



52.0988, 55.4336, 71.5722



55.0833, 55.4336, 52.4151

Square

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



52.0988, 55.4336, 71.5722



56.4706, 55.4336, 62.0673



53.2816, 55.4336, 50.3806



49.0782, 55.4336, 58.6799

Rectangle

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



52.0988, 55.4336, 71.5722



55.1770, 55.4336, 68.8261



53.2816, 55.4336, 50.3806



50.2750, 55.4336, 52.6142

Sweetspot

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



52.1004, 55.4359, 71.5734



89.6858, 94.6952, 108.1588



54.1816, 62.4312, 63.5334



18.9864, 20.0599, 23.1212



0.0000, 0.0000, 0.0000



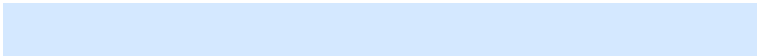
20.3446, 21.4041, 23.3091

Same Dimension

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



52.1004, 55.4359, 71.5734



73.9247, 78.8133, 105.9240



49.1661, 49.3892, 70.5610



12.2157, 12.9548, 15.7942



10.1866, 8.6350, 39.5830



0.6968, 0.6856, 2.4149

Inverse Universe

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



55.0663, 52.6554, 60.6900



79.2452, 73.9918, 86.3631



60.2850, 65.7758, 54.8669



12.6621, 12.5163, 14.1606



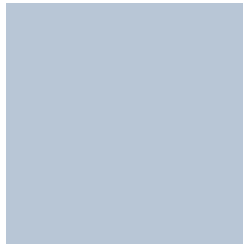
18.2006, 9.2166, 8.3603



1.1394, 0.5725, 0.7233

Previews

White Background



This preview shows how the XYZ color 52.0988, 55.4336, 71.5722 looks on a white background.

Color Contrast Check

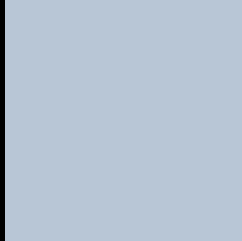
Large Text (above 18pt) WCAG AA × Fail

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 52.0988, 55.4336, 71.5722 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

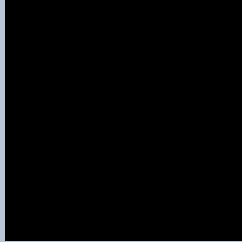
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

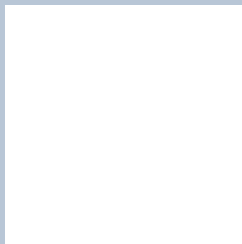
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.0988, 55.4336, 71.5722

Background



This preview shows how black text looks on a background with the XYZ color 52.0988, 55.4336, 71.5722.

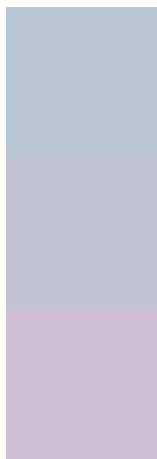


This preview shows how white text looks on a background with the XYZ color 52.0988, 55.4336,

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

52.0988, 55.4336, 71.5722

Protanopia

53.9044, 55.3858, 70.1368

Deuteranopia

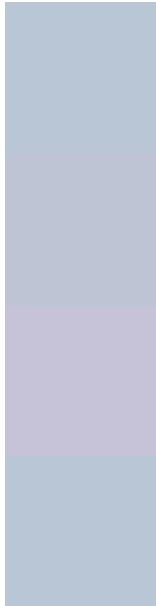
56.3501, 55.2897, 71.9920



Tritanopia

52.0988, 55.4336, 71.5722

Trichromacy



Original Color

52.0988, 55.4336, 71.5722

Protanomaly

53.2360, 55.3603, 70.8306

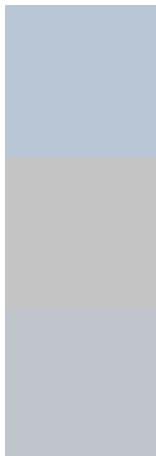
Deuteranomaly

54.8462, 55.4956, 72.1110

Tritanomaly

52.0988, 55.4336, 71.5722

Monochromacy



Original Color

52.0988, 55.4336, 71.5722

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.4840, 55.4508, 64.4368

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.0988, 55.4336, 71.5722 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(184, 198, 214)` looks like.

```
.text, #text, p{  
    color:rgb(184, 198, 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(184, 198, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 198, 214) }
```

Border

The CSS property to change the border of an element to XYZ 52.0988, 55.4336, 71.5722 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(184, 198, 214) }
```


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

```
.border{ border-color:rgb(184, 198, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 198, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 198, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 198, 214);  
box-shadow:4px 4px 4px 4px rgb(184, 198,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 52.0988, 55.4336, 71.5722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 198, 214) }
```

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

```
.background{ background-color: rgb(184,  
198, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor