

Converting Colors

XYZ(52.4700, 55.3014, 70.8596)

Have a look what the booklet for
XYZ(52.4700, 55.3014, 70.8596)
contains.

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Color

**XYZ(52.4700, 55.3014,
70.8596)**

Conversions

Conversions Part 1

Format	Color
Hex	BBC5D5
RGB	187, 197, 213
RGB Percent	73%, 77%, 84%
CMY	0.2667, 0.2274, 0.1647
CMYK	0.12, 0.08, 0.00, 0.16
HSL	217°, 24%, 78%
HSV	217°, 12%, 84%
XYZ	52.4700, 55.3014, 70.8596
YIQ	195.8340, -11.0960, 2.8560

Conversions

Conversions Part 2

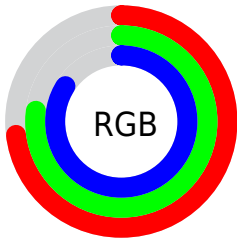
Format	Color
RYB	187, 194, 213
Decimal	12305877
CIELab	79.21, -0.24, -9.15
CIELCh	79, 9.158, 268.496
Yxy	55.3014, 0.2937, 0.3096
Android (android.graphics.Color)	4290495957 (0xFFBBC5D5)
YUV	195.8340, 8.4628, -7.7474
Hunter-Lab	74.3649, -4.1935, -4.4398

Details

The XYZ color **52.4700, 55.3014, 70.8596** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.7664, 60.4455, 55.6373**, and the grayscale version is **52.3269, 55.0520, 59.9516**.

A 20% lighter version of the original color is **90.4540, 97.1583, 108.5937**, and **25.8255, 27.1819, 36.2332** is the 20% darker color. If you saturate the color by 10%, you get **44.7933, 47.1180, 69.6855**, and if you desaturate by 10%, it is **61.1816, 64.4054, 72.1586**.

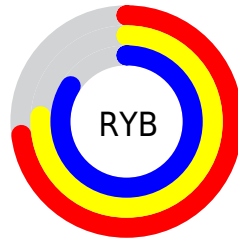
Distribution



Red (73%)

Green (77%)

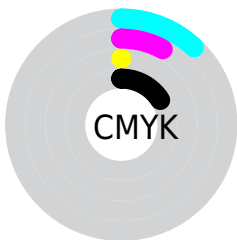
Blue (84%)



Red (73%)

Yellow (76%)

Blue (84%)

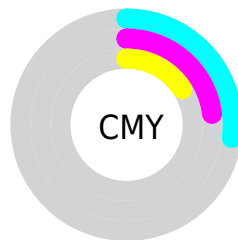


Cyan (12%)

Magenta (8%)

Yellow (0%)

Black (16%)



Cyan (27%)

Magenta (23%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.4700, 55.3014, 70.8596 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 52.4700, 55.3014, 70.8596 by changing the saturation by 10% instead.

■ 52.4700, 55.3014,
70.8596

■ 52.4700, 55.3014,
70.8596

386.5426,
407.0534, 482.4329

■ 37.6056, 39.6431,
51.7465

■ 92.9942, 97.9824,
122.1264

■ 25.8526, 27.2604,
36.4222

119.3846,
125.7739, 155.1171

■ 16.8455, 17.7689,
24.4682

150.3479,
158.3786, 193.5709

■ 10.2190, 10.7842,
15.4659

186.2492,
196.1808, 237.9061

■ 5.6078, 5.9219,
8.9968

227.4540,
239.5650, 288.5414

■ 2.6465, 2.7976,
4.6423

274.3276,

■ 0.9697, 1.0270,

288.9156, 345.8952

1.9839

327.2353,
344.6169, 410.3862

■ 0.0000, 0.0000,
0.5454

■ 0.0000, 0.0000,
0.0000

■ 52.4700, 55.3014,
70.8596

■ 52.4700, 55.3014,
70.8596

■ 44.7933, 47.1180,
69.6855

■ 61.1816, 64.4054,
72.1586

■ 38.1062, 39.8175,
68.6288

■ 70.9612, 74.4519,
73.5823

■ 32.3670, 33.3700,
67.6868

■ 81.8468, 85.4711,
75.1355

■ 27.5291, 27.7408,
66.8553

■ 87.2580, 94.0794,
76.5119

■ 23.5417, 22.8926,
66.1296

■ 89.0104, 97.5842,
77.0960

■ 20.3483, 18.7847,
65.5050

■ 17.8848, 15.3718,
64.9761

■ 16.0756, 12.6018,
64.5368

■ 15.0237, 10.8307,
64.2504

Harmonies

Analogous

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



50.7450, 55.3014, 69.2206



52.4700, 55.3014, 70.8596



54.2590, 55.3014, 69.5114

Triad

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



52.4700, 55.3014, 70.8596



55.7157, 55.3014, 55.5330



49.6191, 55.3014, 55.0999

Complementary

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



52.4700, 55.3014, 70.8596



57.7664, 60.4455, 55.6373

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.



50.9014, 55.3014, 51.7847



52.4700, 55.3014, 70.8596



54.4225, 55.3014, 52.0243

Square

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



52.4700, 55.3014, 70.8596



56.1588, 55.3014, 60.4788



52.6548, 55.3014, 50.6916



49.1228, 55.3014, 59.9497

Rectangle

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



52.4700, 55.3014, 70.8596



55.2417, 55.3014, 67.1416



52.6548, 55.3014, 50.6916



49.9710, 55.3014, 53.7798

Sweetspot

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



52.4716, 55.3037, 70.8608



89.4269, 94.1775, 108.0725



55.0206, 62.4470, 65.4049



18.9210, 19.9290, 23.0994



0.0000, 0.0000, 0.0000



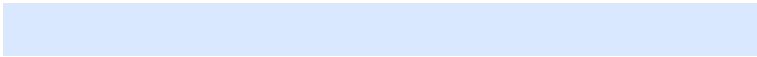
20.3446, 21.4041, 23.3091

Same Dimension

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



52.4716, 55.3037, 70.8608



75.2974, 79.3463, 105.9545



50.9170, 51.2415, 70.1587



12.1304, 12.7842, 15.7658



9.2689, 6.7995, 39.2771



0.6380, 0.5680, 2.3953

Inverse Universe

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



55.2902, 53.7192, 60.2807



80.4781, 76.5528, 86.4811



59.4572, 64.9378, 56.4152



12.6190, 12.4991, 13.9340



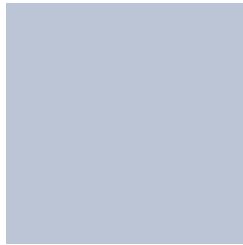
17.7374, 9.0313, 5.9210



1.1097, 0.5607, 0.5669

Previews

White Background



This preview shows how the XYZ color 52.4700, 55.3014, 70.8596 looks on a white background.

Color Contrast Check

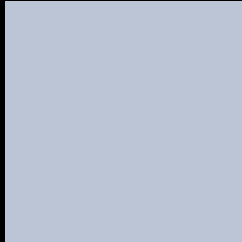
Large Text (above 18pt) WCAG AA × Fail

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 52.4700, 55.3014, 70.8596 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

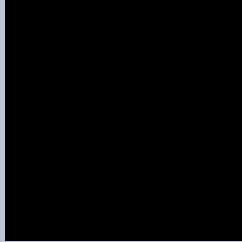
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

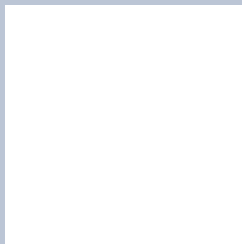
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.4700, 55.3014, 70.8596

Background



This preview shows how black text looks on a background with the XYZ color 52.4700, 55.3014, 70.8596.

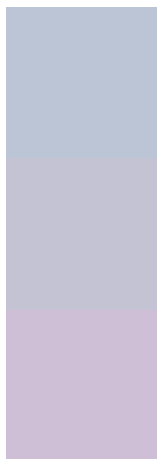


This preview shows how white text looks on a background with the XYZ color 52.4700, 55.3014,

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

52.4700, 55.3014, 70.8596

Protanopia

53.9044, 55.3858, 70.1368

Deuteranopia

56.5005, 55.3820, 71.3302



Tritanopia

52.4700, 55.3014, 70.8596

Trichromacy



Original Color

52.4700, 55.3014, 70.8596

Protanomaly

53.3618, 55.4398, 70.1758

Deuteranomaly

55.0270, 55.2743, 71.3871

Tritanomaly

52.4700, 55.3014, 70.8596

Monochromacy



Original Color

52.4700, 55.3014, 70.8596

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.3929, 55.0816, 63.7475

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.4700, 55.3014, 70.8596 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(187, 197, 213)` looks like.

```
.text, #text, p{  
    color:rgb(187, 197, 213)  
}
```

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(187, 197, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 197, 213) }
```

Border

The CSS property to change the border of an element to XYZ 52.4700, 55.3014, 70.8596 is called "border". The border property can be set on classes, ids or directly on the HTML element.

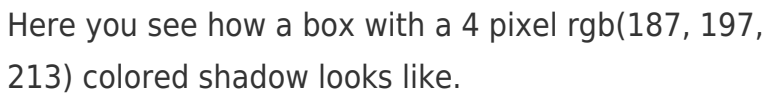
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 197, 213) }
```


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

```
.border{ border-color:rgb(187, 197, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 197, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 197, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 197, 213);  
box-shadow:4px 4px 4px 4px rgb(187, 197,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 52.4700, 55.3014, 70.8596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 197, 213) }
```

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

```
.background{ background-color: rgb(187,  
197, 213) }
```

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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