

Converting Colors

XYZ(52.5256, 55.6411, 78.7775)

Have a look what the booklet for
XYZ(52.5256, 55.6411, 78.7775)
contains.

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Color

**XYZ(52.4710, 55.4733,
78.4629)**

Conversions

Conversions Part 1

Format	Color
Hex	B4C6E0
RGB	180, 198, 224
RGB Percent	71%, 78%, 88%
CMY	0.2941, 0.2235, 0.1216
CMYK	0.20, 0.12, 0.00, 0.12
HSL	215°, 42%, 79%
HSV	215°, 20%, 88%
XYZ	52.4710, 55.4733, 78.4629
YIQ	195.5820, -19.0740, 4.2700

Conversions

Conversions Part 2

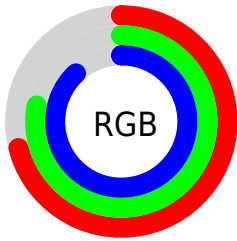
Format	Color
R _Y B	180, 193, 224
Decimal	11847392
CIE Lab	79.31, -0.66, -14.97
CIE LCh	79, 14.989, 267.466
Yxy	55.4733, 0.2815, 0.2976
Android (android.graphics.Color)	4290037472 (0xFFB4C6E0)
YUV	195.5820, 14.0101, -13.6654
Hunter-Lab	74.4804, -4.5885, -10.3240

Details

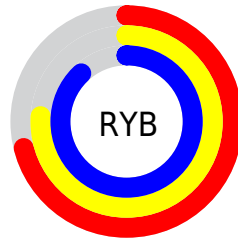
The XYZ color **52.4710, 55.4733, 78.4629** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.0504, 63.2851, 52.1788**, and the grayscale version is **52.1475, 54.8632, 59.7460**.

A 20% lighter version of the original color is **88.4021, 96.5729, 108.5889**, and **25.8871, 27.3231, 41.4456** is the 20% darker color. If you saturate the color by 10%, you get **44.7778, 47.2121, 77.2747**, and if you desaturate by 10%, it is **61.2747, 64.7023, 79.7812**.

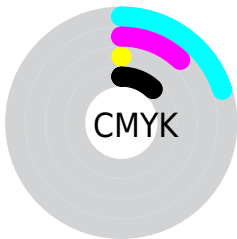
Distribution



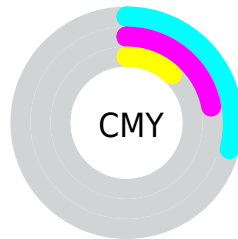
- Red (71%)
- Green (78%)
- Blue (88%)



- Red (71%)
- Yellow (76%)
- Blue (88%)



- Cyan (20%)
- Magenta (12%)
- Yellow (0%)
- Black (12%)



- Cyan (29%)
- Magenta (22%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.4710, 55.4733, 78.4629 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 52.4710, 55.4733, 78.4629 by changing the saturation by 10% instead.

■ 52.4710, 55.4733,
78.4629

■ 52.4710, 55.4733,
78.4629

386.5464,
407.7035, 509.3070

■ 37.6064, 39.7808,
57.9356

■ 92.9956, 98.2341,
132.9943

■ 25.8532, 27.3677,
41.3425

119.3864,
126.0711, 167.8354

■ 16.8459, 17.8495,
28.2651

150.3499,
158.7251, 208.2849

■ 10.2193, 10.8420,
18.2848

186.2515,
196.5805, 254.7614

■ 5.6080, 5.9607,
10.9831

227.4566,
240.0216, 307.6832

■ 2.6466, 2.8212,
5.9415

274.3306,

■ 0.9698, 1.0391,

289.4329, 367.4691

2.7413

327.2387,
345.1988, 434.5375

■ 0.0000, 0.0000,
0.9641

■ 0.0000, 0.0000,
0.0000

■ 52.4710, 55.4733,
78.4629

■ 52.4710, 55.4733,
78.4629

■ 44.7778, 47.2121,
77.2747

■ 61.2747, 64.7023,
79.7812

■ 38.1429, 39.8775,
76.2087

■ 71.2279, 74.9245,
81.2297

■ 32.5172, 33.4352,
75.2617

■ 82.3741, 86.1732,
82.8134

■ 27.8454, 27.8459,
74.4291

■ 89.1747, 95.6019,
84.2749

■ 24.0667, 23.0669,
73.7058

■ 90.4547, 98.1619,
84.7016

■ 21.1121, 19.0505,
73.0863

■ 18.9008, 15.7426,
72.5644

■ 17.3025, 13.0626,
72.1313

■ 17.2515, 12.9755,
72.1172

Harmonies

Analogous

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



49.6826, 55.4733, 75.4341



52.4710, 55.4733, 78.4629



55.4325, 55.4733, 76.2846

Triad

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



52.4710, 55.4733, 78.4629



58.0138, 55.4733, 53.0941



48.0084, 55.4733, 51.9413

Complementary

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



52.4710, 55.4733, 78.4629



61.0504, 63.2851, 52.1788

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.



50.1085, 55.4733, 46.8910



52.4710, 55.4733, 78.4629



55.8906, 55.4733, 47.5109

Square

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



52.4710, 55.4733, 78.4629



58.7038, 55.4733, 61.1346



52.9812, 55.4733, 45.3482



47.1679, 55.4733, 59.6733

Rectangle

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



52.4710, 55.4733, 78.4629



57.0936, 55.4733, 72.2773



52.9812, 55.4733, 45.3482



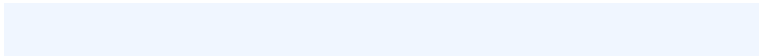
48.5865, 55.4733, 49.9026

Sweetspot

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



52.4727, 55.4756, 78.4642



86.8270, 91.5800, 107.7082



56.5792, 67.4557, 68.2197



18.4004, 19.4121, 23.0271



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.



52.4727, 55.4756, 78.4642



65.5366, 69.2423, 104.5187



49.4643, 48.1748, 77.2135



13.4103, 14.1596, 17.4140



10.1482, 7.7659, 42.0125



0.7899, 0.7112, 2.9409

Inverse Universe

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



57.2561, 52.5683, 60.5576



73.2524, 64.8606, 75.5658



64.5110, 71.8753, 53.6544



13.9385, 13.7931, 15.4466



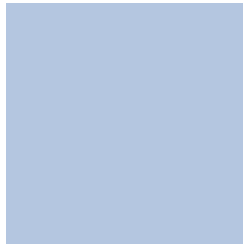
19.0625, 9.6920, 6.9951



1.3650, 0.6893, 0.7147

Previews

White Background



This preview shows how the XYZ color 52.4710, 55.4733, 78.4629 looks on a white background.

Color Contrast Check

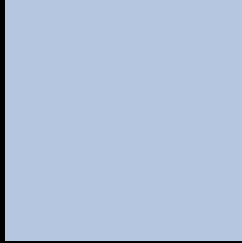
Large Text (above 18pt) WCAG AA × Fail

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 52.4710, 55.4733, 78.4629 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

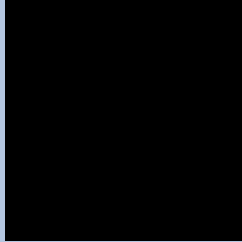
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

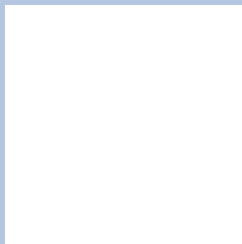
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.4710, 55.4733, 78.4629

Background



This preview shows how black text looks on a background with the XYZ color 52.4710, 55.4733, 78.4629.



This preview shows how white text looks on a background with the XYZ color 52.4710, 55.4733,

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

52.4710, 55.4733, 78.4629

Protanopia

54.4382, 55.5106, 76.9527

Deuteranopia

56.3088, 55.1154, 78.9047



Tritanopia

51.0493, 55.2181, 72.2576

Trichromacy



Original Color

52.4710, 55.4733, 78.4629

Protanomaly

53.7982, 55.4989, 77.6889

Deuteranomaly

54.8747, 55.3573, 79.0270

Tritanomaly

51.6687, 55.4925, 74.3176

Monochromacy



Original Color

52.4710, 55.4733, 78.4629

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.3420, 55.3359, 66.3147

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.4710, 55.4733, 78.4629 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(180, 198, 224)` looks like.

```
.text, #text, p{  
    color:rgb(180, 198, 224)  
}
```

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(180, 198, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 198, 224) }
```

Border

The CSS property to change the border of an element to XYZ 52.4710, 55.4733, 78.4629 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(180, 198, 224) }
```


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

```
.border{ border-color:rgb(180, 198, 224) }
```

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

Here you see how a box with a 4 pixel rgb(180, 198, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 198, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 198, 224);  
box-shadow:4px 4px 4px 4px rgb(180, 198,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 52.4710, 55.4733, 78.4629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 198, 224) }
```

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

```
.background{ background-color: rgb(180,  
198, 224) }
```

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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