

Converting Colors

XYZ(52.2472, 55.5177, 73.4637)

Have a look what the booklet for
XYZ(52.2472, 55.5177, 73.4637)
contains.

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Color

**XYZ(52.2469, 55.4652,
73.5978)**

Conversions

Conversions Part 1

Format	Color
Hex	B7C6D9
RGB	183, 198, 217
RGB Percent	72%, 78%, 85%
CMY	0.2823, 0.2235, 0.1490
CMYK	0.16, 0.09, 0.00, 0.15
HSL	214°, 31%, 78%
HSV	214°, 16%, 85%
XYZ	52.2469, 55.4652, 73.5978
YIQ	195.6810, -15.0390, 2.7290

Conversions

Conversions Part 2

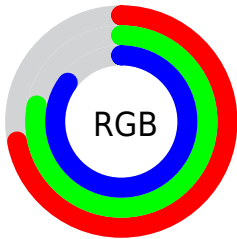
Format	Color
R _{YB}	183, 193, 217
Decimal	12043993
CIE Lab	79.31, -1.23, -11.20
CIE LCh	79, 11.264, 263.744
Yxy	55.4652, 0.2882, 0.3059
Android (android.graphics.Color)	4290234073 (0xFFB7C6D9)
YUV	195.6810, 10.5103, -11.1212
Hunter-Lab	74.4750, -5.1069, -6.4592

Details

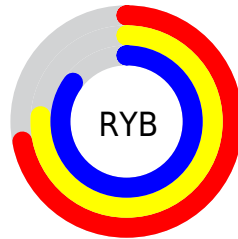
The XYZ color **52.2469, 55.4652, 73.5978** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.2834, 60.4115, 53.3896**, and the grayscale version is **52.2252, 54.9449, 59.8350**.

A 20% lighter version of the original color is **89.4066, 97.0907, 108.6359**, and **25.7008, 27.3010, 38.0975** is the 20% darker color. If you saturate the color by 10%, you get **44.8169, 47.6853, 72.4886**, and if you desaturate by 10%, it is **60.6978, 64.1037, 74.8207**.

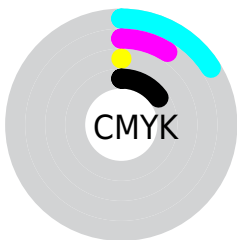
Distribution



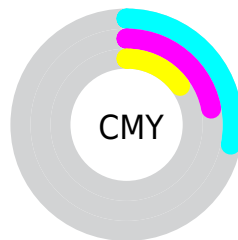
- Red (72%)
- Green (78%)
- Blue (85%)



- Red (72%)
- Yellow (76%)
- Blue (85%)



- Cyan (16%)
- Magenta (9%)
- Yellow (0%)
- Black (15%)



- Cyan (28%)
- Magenta (22%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.2469, 55.4652, 73.5978 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 52.2469, 55.4652, 73.5978 by changing the saturation by 10% instead.

■ 52.2469, 55.4652,
73.5978

■ 52.2469, 55.4652,
73.5978

385.6974,
407.6729, 492.2103

■ 37.4270, 39.7743,
53.9701

■ 92.6673, 98.2222,
126.0543

■ 25.7134, 27.3626,
38.1848

118.9986,
126.0571, 159.7201

■ 16.7409, 17.8457,
25.8232

149.8976,
158.7088, 198.9025

■ 10.1441, 10.8393,
16.4668

185.7298,
196.5617, 244.0199

■ 5.5576, 5.9589,
9.6972

226.8605,
240.0001, 295.4908

■ 2.6161, 2.8201,
5.0957

273.6551,

■ 0.9542, 1.0385,

289.4086, 353.7338

2.2438

326.4789,
345.1714, 419.1675

■ 0.0000, 0.0000,
0.6995

■ 0.0000, 0.0000,
0.0000

■ 52.2469, 55.4652,
73.5978

■ 52.2469, 55.4652,
73.5978

■ 44.8169, 47.6853,
72.4886

■ 60.6978, 64.1037,
74.8207

■ 38.3615, 40.7281,
71.4860

■ 70.2037, 73.6213,
76.1567

■ 32.8376, 34.5649,
70.5875

■ 80.8031, 84.0467,
77.6104

■ 28.1971, 29.1625,
69.7893

■ 86.8738, 92.4883,
78.9198

■ 24.3871, 24.4852,
69.0873

■ 89.5246, 97.7898,
79.8034

■ 21.3483, 20.4932,
68.4769

■ 19.0123, 17.1420,
67.9532

■ 17.2964, 14.3789,
67.5103

■ 16.6849, 13.3304,
67.3402

Harmonies

Analogous

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



50.1948, 55.4652, 70.9707



52.2469, 55.4652, 73.5978



54.4835, 55.4652, 72.4884

Triad

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



52.2469, 55.4652, 73.5978



56.7878, 55.4652, 55.5282



49.2979, 55.4652, 53.3413

Complementary

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



52.2469, 55.4652, 73.5978



58.2834, 60.4115, 53.3896

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.



50.9911, 55.4652, 49.7226



52.2469, 55.4652, 73.5978



55.3243, 55.4652, 50.9208

Square

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



52.2469, 55.4652, 73.5978



57.1472, 55.4652, 61.7556



53.1919, 55.4652, 48.8690



48.5238, 55.4652, 59.0490

Rectangle

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



52.2469, 55.4652, 73.5978



55.7736, 55.4652, 69.8159



53.1919, 55.4652, 48.8690



49.7761, 55.4652, 51.8571

Sweetspot

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



52.2486, 55.4675, 73.5990



88.2831, 93.2001, 107.9441



54.9675, 63.9441, 65.1374



18.6994, 19.7497, 23.0765



0.0000, 0.0000, 0.0000



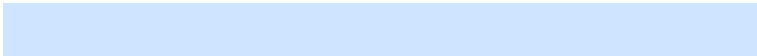
20.3446, 21.4041, 23.3091

Same Dimension

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



52.2486, 55.4675, 73.5990



71.3804, 75.8682, 105.4896



49.3942, 49.1549, 72.5310



12.8092, 13.5581, 16.5940



10.2015, 8.2725, 40.7975



0.7458, 0.7058, 2.6714

Inverse Universe

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



55.7431, 52.6972, 60.6623



77.4376, 71.2654, 83.0211



61.4736, 67.5381, 54.5970



13.2935, 13.1465, 14.8070



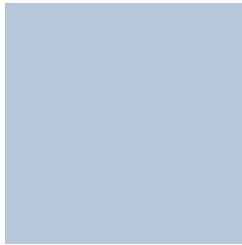
18.6446, 9.4589, 7.7745



1.2508, 0.6299, 0.7294

Previews

White Background



This preview shows how the XYZ color 52.2469, 55.4652, 73.5978 looks on a white background.

Color Contrast Check

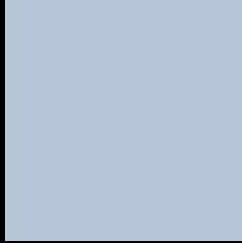
Large Text (above 18pt) WCAG AA × Fail

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 52.2469, 55.4652, 73.5978 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

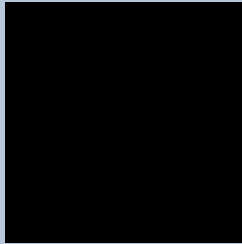
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

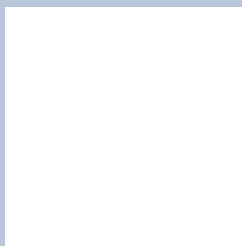
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.2469, 55.4652, 73.5978

Background



This preview shows how black text looks on a background with the XYZ color 52.2469, 55.4652, 73.5978.



This preview shows how white text looks on a background with the XYZ color 52.2469, 55.4652,

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

52.2469, 55.4652, 73.5978

Protanopia

54.0290, 55.4058, 72.1367

Deuteranopia

56.4625, 55.3027, 74.0283



Tritanopia

51.6231, 55.1883, 71.5499

Trichromacy



Original Color

52.2469, 55.4652, 73.5978

Protanomaly

53.3698, 55.3849, 72.8432

Deuteranomaly

54.9726, 55.5158, 74.1479

Tritanomaly

51.7512, 55.2395, 72.2247

Monochromacy



Original Color

52.2469, 55.4652, 73.5978

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.3512, 55.3685, 65.0547

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.2469, 55.4652, 73.5978 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(183, 198, 217)` looks like.

```
.text, #text, p{  
    color:rgb(183, 198, 217)  
}
```

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(183, 198, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 198, 217) }
```

Border

The CSS property to change the border of an element to XYZ 52.2469, 55.4652, 73.5978 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(183, 198, 217) }
```


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

```
.border{ border-color:rgb(183, 198, 217) }
```

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

Here you see how a box with a 4 pixel rgb(183, 198, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 198, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 198, 217);  
box-shadow:4px 4px 4px 4px rgb(183, 198,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 52.2469, 55.4652, 73.5978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 198, 217) }
```

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

```
.background{ background-color: rgb(183,  
198, 217) }
```

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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