

Converting Colors

XYZ(52.5595, 55.3784, 73.5650)

Have a look what the booklet for
XYZ(52.5595, 55.3784, 73.5650)
contains.

XYZ(52.4982, 55.2565, 73.5443)	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(52.4982, 55.2565,
73.5443)**

Conversions

Conversions Part 1

Format	Color
Hex	B9C5D9
RGB	185, 197, 217
RGB Percent	73%, 77%, 85%
CMY	0.2745, 0.2274, 0.1490
CMYK	0.15, 0.09, 0.00, 0.15
HSL	217°, 30%, 79%
HSV	217°, 15%, 85%
XYZ	52.4982, 55.2565, 73.5443
YIQ	195.6920, -13.5720, 3.6760

Conversions

Conversions Part 2

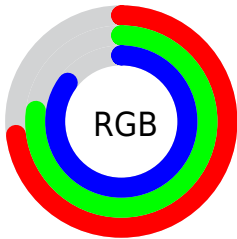
Format	Color
RYB	185, 194, 217
Decimal	12174809
CIELab	79.19, -0.06, -11.36
CIELCh	79, 11.361, 269.718
Yxy	55.2565, 0.2896, 0.3048
Android (android.graphics.Color)	4290364889 (0xFFB9C5D9)
YUV	195.6920, 10.5048, -9.3769
Hunter-Lab	74.3347, -4.0218, -6.6253

Details

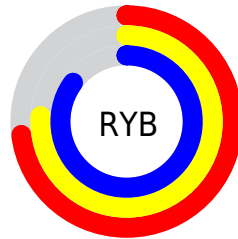
The XYZ color **52.4982, 55.2565, 73.5443** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.2040, 61.9170, 54.7309**, and the grayscale version is **52.2311, 54.9512, 59.8419**.

A 20% lighter version of the original color is **89.7674, 96.8044, 108.5616**, and **25.8598, 27.1591, 38.0617** is the 20% darker color. If you saturate the color by 10%, you get **44.7158, 46.8784, 72.3382**, and if you desaturate by 10%, it is **61.3599, 64.6051, 74.8826**.

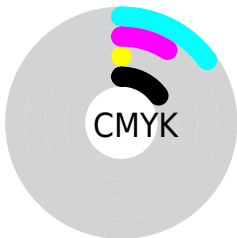
Distribution



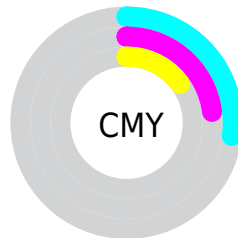
- Red (73%)
- Green (77%)
- Blue (85%)



- Red (73%)
- Yellow (76%)
- Blue (85%)



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



- Cyan (27%)
- Magenta (23%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.4982, 55.2565, 73.5443 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 52.4982, 55.2565, 73.5443 by changing the saturation by 10% instead.

■ 52.4982, 55.2565,
73.5443

■ 52.4982, 55.2565,
73.5443

386.6494,
406.8835, 492.0204

■ 37.6282, 39.6071,
53.9266

■ 93.0354, 97.9167,
125.9777

■ 25.8702, 27.2324,
38.1502

119.4334,
125.6962, 159.6305

■ 16.8587, 17.7478,
25.7966

150.4047,
158.2880, 198.7987

■ 10.2285, 10.7691,
16.4471

186.3148,
196.0764, 243.9009

■ 5.6141, 5.9118,
9.6833

227.5289,
239.4457, 295.3556

■ 2.6503, 2.7915,
5.0867

274.4125,

■ 0.9717, 1.0239,

288.7804, 353.5814

2.2386

327.3309,
344.4649, 418.9968

■ 0.0000, 0.0000,
0.6965

■ 0.0000, 0.0000,
0.0000

■ 52.4982, 55.2565,
73.5443

■ 52.4982, 55.2565,
73.5443

■ 44.7158, 46.8784,
72.3382

■ 61.3599, 64.6051,
74.8826

■ 37.9644, 39.4308,
71.2565

■ 71.3368, 74.9488,
76.3533

■ 32.1991, 32.8808,
70.2961

■ 82.4691, 86.3197,
77.9613

■ 27.3699, 27.1908,
69.4524

■ 88.3392, 95.4192,
79.4083

■ 23.4216, 22.3201,
68.7203

■ 89.5246, 97.7898,
79.8034

■ 20.2931, 18.2241,
68.0946

■ 17.9140, 14.8529,
67.5693

■ 16.2002, 12.1483,
67.1376

■ 15.4962, 10.9531,
66.9440

Harmonies

Analogous

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



50.3503, 55.2565, 71.6126



52.4982, 55.2565, 73.5443



54.7123, 55.2565, 71.6816

Triad

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



52.4982, 55.2565, 73.5443



56.4004, 55.2565, 54.1810



48.8415, 55.2565, 54.0819

Complementary

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



52.4982, 55.2565, 73.5443



59.2040, 61.9170, 54.7309

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.



50.3864, 55.2565, 49.9530



52.4982, 55.2565, 73.5443



54.7504, 55.2565, 50.0073

Square

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



52.4982, 55.2565, 73.5443



57.0043, 55.2565, 60.2264



52.5411, 55.2565, 48.5154



48.2766, 55.2565, 60.1035

Rectangle

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



52.4982, 55.2565, 73.5443



55.9187, 55.2565, 68.6103



52.5411, 55.2565, 48.5154



49.2612, 55.2565, 52.4427

Sweetspot

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



52.4998, 55.2588, 73.5455



89.3966, 94.1168, 108.0624



55.8087, 64.3359, 67.0666



18.9133, 19.9137, 23.0968



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.



52.4998, 55.2588, 73.5455



71.6552, 75.3546, 105.3760



50.7946, 50.4936, 72.7156



12.7368, 13.4134, 16.5699



9.4741, 6.8176, 40.5550



0.6950, 0.6041, 2.6544

Inverse Universe

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



56.0436, 53.4821, 60.1951



77.8359, 72.4184, 82.0548



61.0888, 67.3155, 55.6735



13.2570, 13.1319, 14.6148



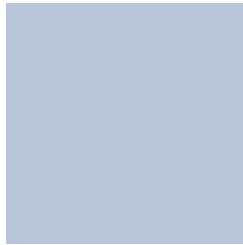
18.2774, 9.3120, 5.8409



1.2251, 0.6197, 0.5943

Previews

White Background



This preview shows how the XYZ color 52.4982, 55.2565, 73.5443 looks on a white background.

Color Contrast Check

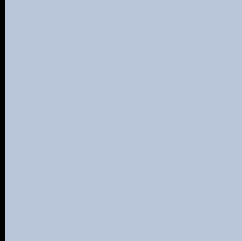
Large Text (above 18pt) WCAG AA × Fail

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 52.4982, 55.2565, 73.5443 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

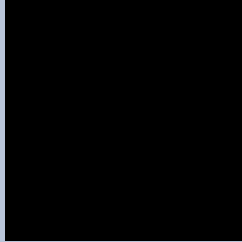
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

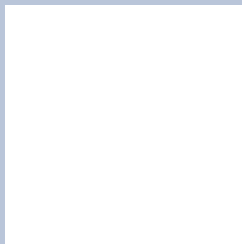
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.4982, 55.2565, 73.5443

Background



This preview shows how black text looks on a background with the XYZ color 52.4982, 55.2565, 73.5443.



This preview shows how white text looks on a background with the XYZ color 52.4982, 55.2565,

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

52.4982, 55.2565, 73.5443

Protanopia

54.0290, 55.4058, 72.1367

Deuteranopia

56.4625, 55.3027, 74.0283



Tritanopia

51.9715, 55.3826, 70.9015

Trichromacy



Original Color

52.4982, 55.2565, 73.5443

Protanomaly

53.6205, 55.5141, 72.8549

Deuteranomaly

55.0136, 55.2077, 74.0863

Tritanomaly

52.0988, 55.4336, 71.5722

Monochromacy



Original Color

52.4982, 55.2565, 73.5443

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.3772, 55.0460, 64.9911

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.4982, 55.2565, 73.5443 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(185, 197, 217)` looks like.

```
.text, #text, p{  
    color:rgb(185, 197, 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(185, 197, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 197, 217) }
```

Border

The CSS property to change the border of an element to XYZ 52.4982, 55.2565, 73.5443 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(185, 197, 217) }
```


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

```
.border{ border-color:rgb(185, 197, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 197, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 197, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 197, 217);  
box-shadow:4px 4px 4px 4px rgb(185, 197,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 52.4982, 55.2565, 73.5443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 197, 217) }
```

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

```
.background{ background-color: rgb(185,  
197, 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](#).

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