

Converting Colors

XYZ(52.1255, 55.5335, 67.4495)

Have a look what the booklet for
XYZ(52.1255, 55.5335, 67.4495)
contains.

XYZ(52.0728, 55.5070, 67.6439)	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(52.0728, 55.5070,
67.6439)**

Conversions

Conversions Part 1

Format	Color
Hex	BBC6D0
RGB	187, 198, 208
RGB Percent	73%, 78%, 82%
CMY	0.2667, 0.2235, 0.1843
CMYK	0.10, 0.05, 0.00, 0.18
HSL	209°, 18%, 77%
HSV	209°, 10%, 82%
XYZ	52.0728, 55.5070, 67.6439
YIQ	195.8510, -9.7660, 0.7780

Conversions

Conversions Part 2

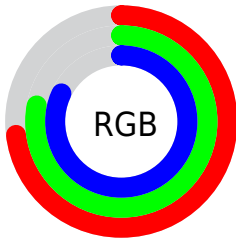
Format	Color
RYB	187, 194, 208
Decimal	12306128
CIELab	79.33, -1.79, -6.29
CIElCh	79, 6.538, 254.146
Yxy	55.5070, 0.2972, 0.3168
Android (android.graphics.Color)	4290496208 (0xFFBBC6D0)
YUV	195.8510, 5.9895, -7.7623
Hunter-Lab	74.5030, -5.6203, -1.6794

Details

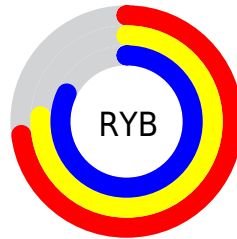
The XYZ color **52.0728, 55.5070, 67.6439** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.9487, 56.9301, 55.1074**, and the grayscale version is **52.3508, 55.0772, 59.9790**.

A 20% lighter version of the original color is **90.7721, 97.7947, 108.6998**, and **25.6375, 27.3479, 34.4993** is the 20% darker color. If you saturate the color by 10%, you get **45.1586, 48.6931, 66.6940**, and if you desaturate by 10%, it is **59.8753, 63.0016, 68.6801**.

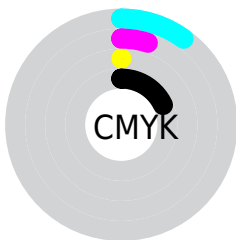
Distribution



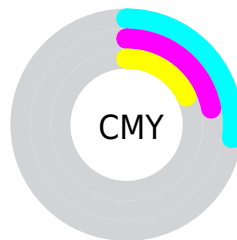
- Red (73%)
- Green (78%)
- Blue (82%)



- Red (73%)
- Yellow (76%)
- Blue (82%)



- Cyan (10%)
- Magenta (5%)
- Yellow (0%)
- Black (18%)



- Cyan (27%)
- Magenta (22%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.0728, 55.5070, 67.6439 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 52.0728, 55.5070, 67.6439 by changing the saturation by 10% instead.

■ 52.0728, 55.5070,
67.6439

■ 52.0728, 55.5070,
67.6439

385.0369,
407.8309, 470.7971

■ 37.2876, 39.8078,
49.1432

■ 92.4122, 98.2834,
117.4920

■ 25.6049, 27.3887,
34.3667

118.6971,
126.1294, 149.6764

■ 16.6595, 17.8654,
22.8958

149.5460,
158.7930, 187.2592

■ 10.0858, 10.8534,
14.3120

185.3241,
196.6588, 230.6589

■ 5.5186, 5.9683,
8.1968

226.3969,
240.1111, 280.2939

■ 2.5925, 2.8258,
4.1315

273.1298,

■ 0.9421, 1.0415,

289.5343, 336.5830

1.6978

325.8880,
345.3128, 399.9445

■ 0.0000, 0.0000,
0.3592

■ 0.0000, 0.0000,
0.0000

■ 52.0728, 55.5070,
67.6439

■ 52.0728, 55.5070,
67.6439

■ 45.1586, 48.6931,
66.6940

■ 59.8753, 63.0016,
68.6801

■ 39.0935, 42.5309,
65.8242

■ 68.5935, 71.1905,
69.8012

■ 33.8424, 36.9995,
65.0333

■ 78.2598, 80.0958,
71.0107

■ 29.3657, 32.0742,
64.3186

■ 83.0873, 86.7382,
72.0383

■ 25.6202, 27.7281,
63.6771

■ 86.0439, 92.6513,
73.0239

■ 22.5581, 23.9318,
63.1057

■ 88.3853, 97.3341,
73.8043

■ 20.1252, 20.6525,
62.6010

■ 18.2577, 17.8522,
62.1589

■ 16.8518, 15.4870,
61.7765

Harmonies

Analogous

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



50.9714, 55.5070, 65.6010



52.0728, 55.5070, 67.6439



53.3755, 55.5070, 67.7039

Triad

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



52.0728, 55.5070, 67.6439



55.2374, 55.5070, 58.6923



51.0233, 55.5070, 55.4091

Complementary

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



52.0728, 55.5070, 67.6439



54.9487, 56.9301, 55.1074

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.



52.1447, 55.5070, 53.7109



52.0728, 55.5070, 67.6439



54.5854, 55.5070, 55.5527

Square

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



52.0728, 55.5070, 67.6439



55.2173, 55.5070, 62.4293



53.4487, 55.5070, 53.7623



50.3723, 55.5070, 58.4889

Rectangle

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



52.0728, 55.5070, 67.6439



54.1838, 55.5070, 66.6048



53.4487, 55.5070, 53.7623



51.3569, 55.5070, 54.6635

Sweetspot

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



52.0744, 55.5093, 67.6451



91.1405, 96.2762, 108.3873



53.1055, 59.6996, 61.4285



19.2890, 20.3977, 23.1705



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.



52.0744, 55.5093, 67.6451



80.2021, 85.7064, 106.9236



49.7990, 50.9584, 66.8866



11.6689, 12.4280, 15.0275



10.6003, 9.8471, 38.5345



0.6719, 0.7090, 2.1810

Inverse Universe

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



53.9771, 53.0290, 60.8194



83.7958, 81.1036, 94.0133



57.3686, 61.7699, 55.9140



12.0638, 11.9102, 13.6115



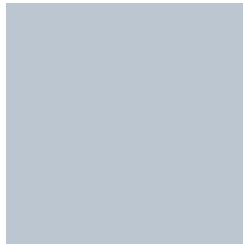
17.9813, 9.0653, 10.0734



1.0454, 0.5229, 0.7737

Previews

White Background



This preview shows how the XYZ color 52.0728, 55.5070, 67.6439 looks on a white background.

Color Contrast Check

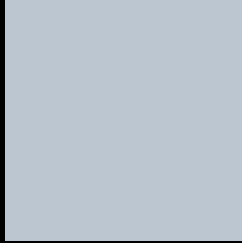
Large Text (above 18pt) WCAG AA × Fail

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 52.0728, 55.5070, 67.6439 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

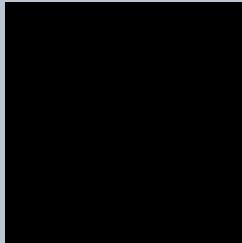
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.0728, 55.5070, 67.6439

Background



This preview shows how black text looks on a background with the XYZ color 52.0728, 55.5070, 67.6439.

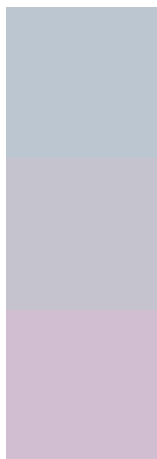


This preview shows how white text looks on a background with the XYZ color 52.0728, 55.5070,

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

52.0728, 55.5070, 67.6439

Protanopia

53.6816, 55.3568, 66.2481

Deuteranopia

56.4339, 55.4204, 68.0444



Tritanopia

52.7155, 55.4280, 70.8711

Trichromacy



Original Color

52.0728, 55.5070, 67.6439

Protanomaly

52.9947, 55.3223, 66.9166

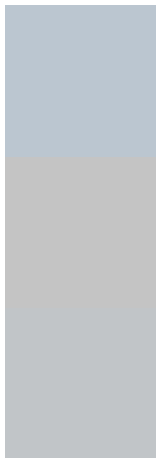
Deuteranomaly

54.8878, 55.6045, 68.1614

Tritanomaly

52.4632, 55.3270, 69.5421

Monochromacy



Original Color

52.0728, 55.5070, 67.6439

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.3839, 55.4401, 62.5837

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.0728, 55.5070, 67.6439 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, 198, 208)` looks like.

```
.text, #text, p{  
    color:rgb(187, 198, 208)  
}
```

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, 198, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 198, 208) }
```

Border

The CSS property to change the border of an element to XYZ 52.0728, 55.5070, 67.6439 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, 198, 208) }
```


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

```
.border{ border-color:rgb(187, 198, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 198, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 198, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 198, 208);  
box-shadow:4px 4px 4px 4px rgb(187, 198,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 52.0728, 55.5070, 67.6439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 198, 208) }
```

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

```
.background{ background-color: rgb(187,  
198, 208) }
```

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