

Converting Colors

XYZ(52.0606, 55.3781, 63.6250)

Have a look what the booklet for
XYZ(52.0606, 55.3781, 63.6250)
contains.

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Color

**XYZ(52.1128, 55.2731,
63.7993)**

Conversions

Conversions Part 1

Format	Color
Hex	BFC5CA
RGB	191, 197, 202
RGB Percent	75%, 77%, 79%
CMY	0.2510, 0.2274, 0.2078
CMYK	0.05, 0.02, 0.00, 0.21
HSL	207°, 9%, 77%
HSV	207°, 5%, 79%
XYZ	52.1128, 55.2731, 63.7993
YIQ	195.7760, -5.1810, 0.2830

Conversions

Conversions Part 2

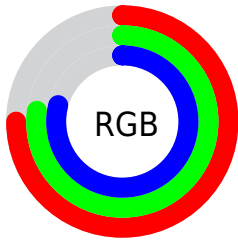
Format	Color
RYB	191, 195, 202
Decimal	12568010
CIELab	79.20, -1.10, -3.22
CIElCh	79, 3.407, 251.107
Yxy	55.2731, 0.3044, 0.3229
Android (android.graphics.Color)	4290758090 (0xFFBFC5CA)
YUV	195.7760, 3.0684, -4.1886
Hunter-Lab	74.3459, -4.9856, 1.1629

Details

The XYZ color **52.1128, 55.2731, 63.7993** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.5013, 55.7977, 57.2414**, and the grayscale version is **52.3209, 55.0456, 59.9447**.

A 20% lighter version of the original color is **91.8496, 97.8778, 108.6591**, and **25.6490, 27.1863, 31.9126** is the 20% darker color. If you saturate the color by 10%, you get **45.3587, 48.7929, 62.9053**, and if you desaturate by 10%, it is **59.6976, 62.3729, 64.7708**.

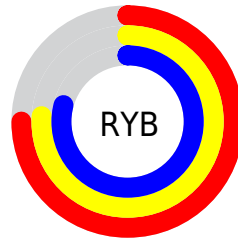
Distribution



Red (75%)

Green (77%)

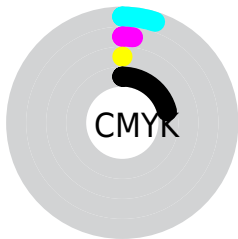
Blue (79%)



Red (75%)

Yellow (76%)

Blue (79%)

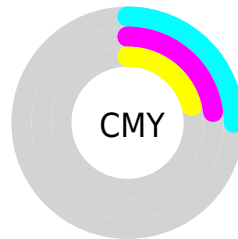


Cyan (5%)

Magenta (2%)

Yellow (0%)

Black (21%)



Cyan (25%)

Magenta (23%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.1128, 55.2731, 63.7993 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 52.1128, 55.2731, 63.7993 by changing the saturation by 10% instead.

■ 52.1128, 55.2731,
63.7993

■ 52.1128, 55.2731,
63.7993

385.1887,
406.9463, 456.6521

■ 37.3196, 39.6204,
46.0430

■ 92.4708, 97.9410,
111.9185

■ 25.6299, 27.2427,
31.9308

118.7664,
125.7250, 143.1185

■ 16.6782, 17.7556,
21.0443

149.6268,
158.3215, 179.6369

■ 10.0992, 10.7747,
12.9648

185.4173,
196.1150, 221.8920

■ 5.5275, 5.9155,
7.2739

226.5035,
239.4898, 270.3026

■ 2.5979, 2.7938,
3.5529

273.2505,

■ 0.9449, 1.0250,

288.8304, 325.2871

1.3834

326.0238,
344.5211, 387.2641

■ 0.0000, 0.0000,
0.1288

■ 0.0000, 0.0000,
0.0000

■ 52.1128, 55.2731,
63.7993

■ 52.1128, 55.2731,
63.7993

■ 45.3587, 48.7929,
62.9053

■ 59.6976, 62.3729,
64.7708

■ 39.3998, 42.9061,
62.0831

■ 68.1374, 70.1035,
65.8181

■ 34.2049, 37.5948,
61.3317

■ 77.4612, 78.4845,
66.9444

■ 29.7388, 32.8373,
60.6488

■ 81.2414, 84.2054,
67.8494

■ 25.9636, 28.6104,
60.0319

■ 83.9178, 89.5582,
68.7415

■ 22.8371, 24.8886,
59.4784

■ 86.7314, 95.1854,
69.6794

■ 20.3125, 21.6440,
58.9851

■ 87.6608, 97.0443,
69.9892

■ 18.3355, 18.8446,
58.5490

■ 16.8402, 16.4522,
58.1660

Harmonies

Analogous

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



51.5555, 55.2731, 62.6811



52.1128, 55.2731, 63.7993



52.7880, 55.2731, 63.9363

Triad

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



52.1128, 55.2731, 63.7993



53.8301, 55.2731, 59.4638



51.6797, 55.2731, 57.4028

Complementary

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



52.1128, 55.2731, 63.7993



53.5013, 55.7977, 57.2414

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.



52.2837, 55.2731, 56.5795



52.1128, 55.2731, 63.7993



53.5277, 55.2731, 57.7522

Square

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



52.1128, 55.2731, 63.7993



53.7834, 55.2731, 61.4048



52.9603, 55.2731, 56.7060



51.3069, 55.2731, 58.9775

Rectangle

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



52.1128, 55.2731, 63.7993



53.2145, 55.2731, 63.4495



52.9603, 55.2731, 56.7060



51.8622, 55.2731, 57.0306

Sweetspot

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



52.1144, 55.2754, 63.8005



92.4638, 97.5762, 108.5685



52.5655, 57.3016, 60.4855



19.8182, 20.9108, 23.2416



0.0000, 0.0000, 0.0000



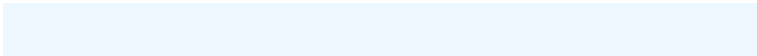
20.3446, 21.4041, 23.3091

Same Dimension

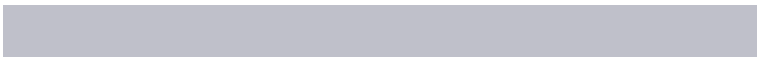
The Same Dimension uses a secret algorithm to generate beautiful new colors.



52.1144, 55.2754, 63.8005



86.2526, 91.7053, 107.7626



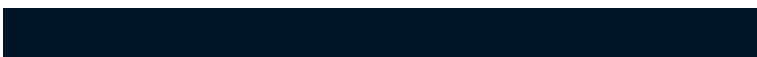
50.8985, 52.8436, 63.3952



11.3931, 12.1208, 14.3094



10.5545, 10.1329, 37.3558



0.6197, 0.6733, 1.9522

Inverse Universe

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



53.0672, 53.8505, 60.4232



88.3393, 88.6239, 100.3577



54.7537, 58.3025, 57.6589



11.6865, 11.6891, 13.2682



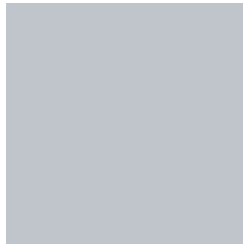
17.5383, 8.8259, 10.5533



0.9428, 0.4705, 0.7445

Previews

White Background



This preview shows how the XYZ color 52.1128, 55.2731, 63.7993 looks on a white background.

Color Contrast Check

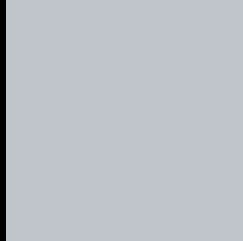
Large Text (above 18pt) WCAG AA × Fail

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 52.1128, 55.2731, 63.7993 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

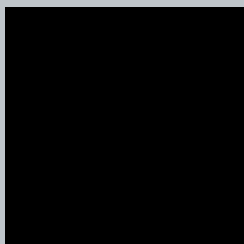
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

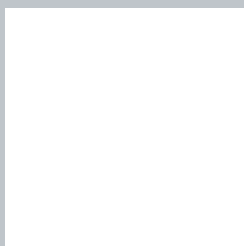
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.1128, 55.2731, 63.7993

Background



This preview shows how black text looks on a background with the XYZ color 52.1128, 55.2731, 63.7993.



This preview shows how white text looks on a background with the XYZ color 52.1128, 55.2731,

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

52.1128, 55.2731, 63.7993

Protanopia

53.3464, 55.2530, 63.1116

Deuteranopia

56.3443, 55.1358, 64.1725



Tritanopia

53.2360, 55.3895, 69.5134

Trichromacy



Original Color

52.1128, 55.2731, 63.7993

Protanomaly

52.7882, 55.2990, 63.1499

Deuteranomaly

54.7513, 55.2891, 64.2861

Tritanomaly

52.8633, 55.2404, 67.5508

Monochromacy



Original Color

52.1128, 55.2731, 63.7993

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.1811, 55.0264, 61.2970

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.1128, 55.2731, 63.7993 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(191, 197, 202)` looks like.

```
.text, #text, p{  
    color:rgb(191, 197, 202)  
}
```

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(191, 197, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 197, 202) }
```

Border

The CSS property to change the border of an element to XYZ 52.1128, 55.2731, 63.7993 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(191, 197, 202) }
```


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

```
.border{ border-color:rgb(191, 197, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 197, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 197, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 197, 202);  
box-shadow:4px 4px 4px 4px rgb(191, 197,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 52.1128, 55.2731, 63.7993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 197, 202) }
```

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

```
.background{ background-color: rgb(191,  
197, 202) }
```

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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