

Converting Colors

XYZ(53.0633, 55.9347, 62.5053)

Have a look what the booklet for
XYZ(53.0633, 55.9347, 62.5053)
contains.

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Color

**XYZ(52.8973, 55.7047,
62.6077)**

Conversions

Conversions Part 1

Format	Color
Hex	C3C5C8
RGB	195, 197, 200
RGB Percent	76%, 77%, 78%
CMY	0.2353, 0.2274, 0.2157
CMYK	0.02, 0.01, 0.00, 0.22
HSL	216°, 4%, 77%
HSV	216°, 2%, 78%
XYZ	52.8973, 55.7047, 62.6077
YIQ	196.7440, -2.1550, 0.5090

Conversions

Conversions Part 2

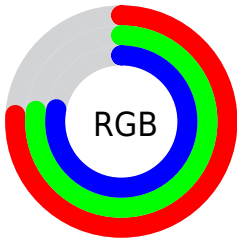
Format	Color
RYB	195, 196, 200
Decimal	12830152
CIELab	79.45, -0.13, -1.75
CIELCh	79, 1.754, 265.904
Yxy	55.7047, 0.3090, 0.3254
Android (android.graphics.Color)	4291020232 (0xFFC3C5C8)
YUV	196.7440, 1.6052, -1.5295
Hunter-Lab	74.6356, -4.1020, 2.5098

Details

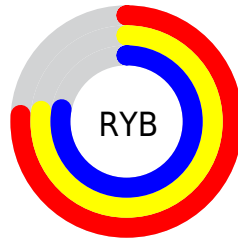
The XYZ color **52.8973, 55.7047, 62.6077** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.8641, 56.6073, 59.7181**, and the grayscale version is **52.9094, 55.6649, 60.6190**.

A 20% lighter version of the original color is **93.6367, 98.7991, 108.7427**, and **25.9953, 27.3830, 31.1095** is the 20% darker color. If you saturate the color by 10%, you get **45.4574, 47.9890, 61.5114**, and if you desaturate by 10%, it is **61.2491, 64.2150, 63.8110**.

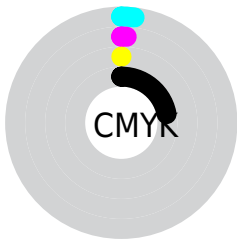
Distribution



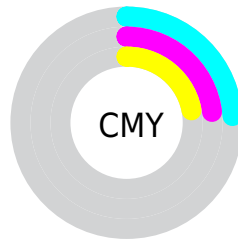
- Red (76%)
- Green (77%)
- Blue (78%)



- Red (76%)
- Yellow (77%)
- Blue (78%)



- Cyan (2%)
- Magenta (1%)
- Yellow (0%)
- Black (22%)



- Cyan (24%)
- Magenta (23%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.8973, 55.7047, 62.6077 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 52.8973, 55.7047, 62.6077 by changing the saturation by 10% instead.

■ 52.8973, 55.7047,
62.6077

■ 52.8973, 55.7047,
62.6077

388.1583,
408.5777, 452.2130

■ 37.9479, 39.9662,
45.0850

■ 93.6196, 98.5727,
110.1834

■ 26.1193, 27.5122,
31.1809

120.1233,
126.4710, 141.0735

■ 17.0461, 17.9583,
20.4770

151.2092,
159.1913, 177.2565

■ 10.3629, 10.9200,
12.5548

187.2426,
197.1181, 219.1508

■ 5.7043, 6.0131,
6.9956

228.5888,
240.6357, 267.1751

■ 2.7051, 2.8530,
3.3809

275.6133,

■ 0.9998, 1.0555,

290.1286, 321.7479

1.2923

328.6813,
345.9811, 383.2877

■ 0.0000, 0.0000,
0.0554

■ 0.0000, 0.0000,
0.0000

■ 52.8973, 55.7047,
62.6077

■ 52.8973, 55.7047,
62.6077

■ 45.4574, 47.9890,
61.5114

■ 61.2491, 64.2150,
63.8110

■ 38.8922, 41.0366,
60.5155

■ 70.5386, 73.5358,
65.1205

■ 33.1691, 34.8246,
59.6181

■ 80.7959, 83.6910,
66.5400

■ 28.2513, 29.3261,
58.8159

■ 84.3053, 90.7098,
67.7098

■ 24.0994, 24.5122,
58.1056

■ 87.4255, 96.9502,
68.7499

■ 20.6702, 20.3520,
57.4833

■ 17.9157, 16.8118,
56.9452

■ 15.7817, 13.8537,
56.4867

■ 14.2039, 11.4346,
56.1029

Harmonies

Analogous

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



52.5670, 55.7047, 62.2729



52.8973, 55.7047, 62.6077



53.2420, 55.7047, 62.4140

Triad

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



52.8973, 55.7047, 62.6077



53.5570, 55.7047, 59.8098



52.3869, 55.7047, 59.5724

Complementary

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



52.8973, 55.7047, 62.6077



53.8641, 56.6073, 59.7181

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.



52.6504, 55.7047, 58.9254



52.8973, 55.7047, 62.6077



53.3261, 55.7047, 59.0613

Square

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



52.8973, 55.7047, 62.6077



53.6239, 55.7047, 60.7916



52.9940, 55.7047, 58.7393



52.2732, 55.7047, 60.5146

Rectangle

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



52.8973, 55.7047, 62.6077



53.4334, 55.7047, 62.0123



52.9940, 55.7047, 58.7393



52.4609, 55.7047, 59.3136

Sweetspot

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



52.8989, 55.7071, 62.6089



93.6324, 98.5482, 108.6945



53.3443, 56.9850, 61.5643



20.0561, 21.1087, 23.2673



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.



52.8989, 55.7071, 62.6089



90.8459, 95.6869, 108.2891



52.5549, 54.8591, 62.4634



11.3230, 11.9292, 13.6233



8.5407, 6.4753, 35.5441



0.4750, 0.4478, 1.7065

Inverse Universe

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



53.4138, 55.3420, 60.6929



91.9283, 94.9240, 104.2606



54.2138, 57.4717, 59.8666



11.4905, 11.8121, 12.9996



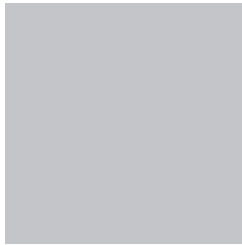
16.1103, 8.1937, 5.7906



0.7984, 0.4022, 0.4618

Previews

White Background



This preview shows how the XYZ color 52.8973, 55.7047, 62.6077 looks on a white background.

Color Contrast Check

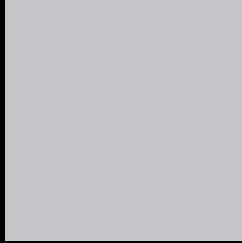
Large Text (above 18pt) WCAG AA × Fail

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 52.8973, 55.7047, 62.6077 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

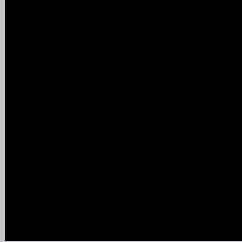
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

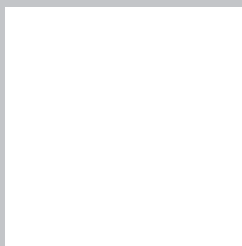
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.8973, 55.7047, 62.6077

Background



This preview shows how black text looks on a background with the XYZ color 52.8973, 55.7047, 62.6077.

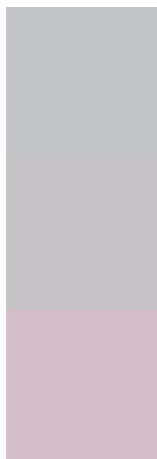


This preview shows how white text looks on a background with the XYZ color 52.8973, 55.7047,

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

52.8973, 55.7047, 62.6077

Protanopia

53.6019, 55.7455, 61.9677

Deuteranopia

56.9050, 55.7748, 63.0247



Tritanopia

54.2989, 55.6037, 69.4987

Trichromacy



Original Color

52.8973, 55.7047, 62.6077

Protanomaly

53.3374, 55.6091, 61.9553

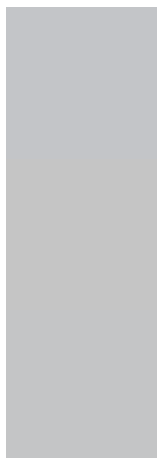
Deuteranomaly

55.3447, 55.6224, 63.0776

Tritanomaly

53.7674, 55.7206, 66.9528

Monochromacy



Original Color

52.8973, 55.7047, 62.6077

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.9242, 55.7455, 61.3966

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.8973, 55.7047, 62.6077 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(195, 197, 200)` looks like.

```
.text, #text, p{  
    color:rgb(195, 197, 200)  
}
```

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(195, 197, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 197, 200) }
```

Border

The CSS property to change the border of an element to XYZ 52.8973, 55.7047, 62.6077 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(195, 197, 200) }
```


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

```
.border{ border-color:rgb(195, 197, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 197, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 197, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 197, 200);  
box-shadow:4px 4px 4px 4px rgb(195, 197,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 52.8973, 55.7047, 62.6077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 197, 200) }
```

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

```
.background{ background-color: rgb(195,  
197, 200) }
```

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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