

Converting Colors

XYZ(52.6470, 55.0727, 58.2936)

Have a look what the booklet for
XYZ(52.6470, 55.0727, 58.2936)
contains.

XYZ(52.6939, 55.0226, 58.2952)	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(52.6939, 55.0226,
58.2952)**

Conversions

Conversions Part 1

Format	Color
Hex	C7C3C1
RGB	199, 195, 193
RGB Percent	78%, 76%, 76%
CMY	0.2196, 0.2353, 0.2431
CMYK	0.00, 0.02, 0.03, 0.22
HSL	20°, 5%, 77%
HSV	20°, 3%, 78%
XYZ	52.6939, 55.0226, 58.2952
YIQ	195.9680, 3.0260, 0.2260

Conversions

Conversions Part 2

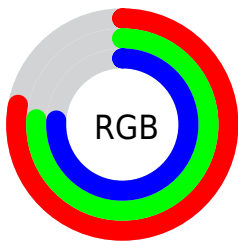
Format	Color
RYB	199, 196, 193
Decimal	13091777
CIELab	79.05, 1.03, 1.49
CIElCh	79, 1.810, 55.196
Yxy	55.0226, 0.3174, 0.3314
Android (android.graphics.Color)	4291281857 (0xFFC7C3C1)
YUV	195.9680, -1.4632, 2.6591
Hunter-Lab	74.1772, -3.0076, 5.3286

Details

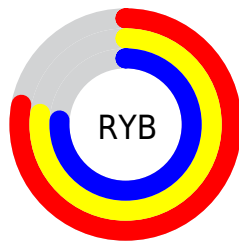
The XYZ color **52.6939, 55.0226, 58.2952** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.2672, 55.3925, 61.9705**, and the grayscale version is **52.4587, 55.1906, 60.1026**.

A 20% lighter version of the original color is **93.1493, 97.7204, 103.5750**, and **25.9356, 26.9629, 28.6484** is the 20% darker color. If you saturate the color by 10%, you get **47.7830, 48.5171, 46.4328**, and if you desaturate by 10%, it is **58.1704, 62.1797, 71.8212**.

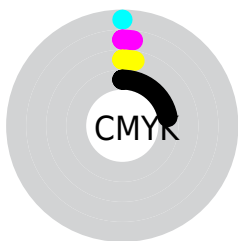
Distribution



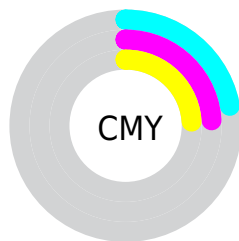
- Red (78%)
- Green (76%)
- Blue (76%)



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



- Cyan (0%)
- Magenta (2%)
- Yellow (3%)
- Black (22%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.6939, 55.0226, 58.2952 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 52.6939, 55.0226, 58.2952 by changing the saturation by 10% instead.

■ 52.6939, 55.0226,
58.2952

■ 52.6939, 55.0226,
58.2952

387.3897,
405.9976, 435.9140

■ 37.7850, 39.4198,
41.6297

■ 93.3220, 97.5741,
103.8716

■ 25.9923, 27.0865,
28.4881

119.7718,
125.2915, 133.6197

■ 16.9505, 17.6382,
18.4517

150.7994,
157.8160, 168.5657

■ 10.2943, 10.6905,
11.1020

186.7699,
195.5319, 209.1282

■ 5.6583, 5.8591,
6.0204

228.0489,
238.8237, 255.7258

■ 2.6771, 2.7596,
2.7885

275.0016,

■ 0.9854, 1.0076,

288.0756, 308.7769

0.9877

327.9935,
343.6721, 368.7001

■ 0.0000, 0.0000,
0.0000

■ 52.6939, 55.0226,
58.2952

■ 52.6939, 55.0226,
58.2952

■ 47.7830, 48.5171,
46.4328

■ 58.1704, 62.1797,
71.8212

■ 43.4142, 42.6375,
36.1659

■ 64.2254, 69.9988,
87.0683

■ 39.5695, 37.3672,
27.4265

■ 70.8776, 78.4992,
104.0957

■ 36.2278, 32.6857,
20.1409

■ 75.1779, 86.5111,
107.3438

■ 33.3666, 28.5716,
14.2289

■ 77.3635, 90.8823,
108.0723

■ 30.9614, 25.0021,
9.6023

■ 28.9857, 21.9525,
6.1628

■ 27.4091, 19.3962,
3.7976

■ 26.1969, 17.3033,
2.3711

Harmonies

Analogous

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



52.9270, 55.0226, 59.0692



52.6939, 55.0226, 58.2952



52.3554, 55.0226, 57.9541

Triad

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



52.6939, 55.0226, 58.2952



51.6097, 55.0226, 59.7442



52.5929, 55.0226, 61.7243

Complementary

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



52.6939, 55.0226, 58.2952



52.2672, 55.3925, 61.9705

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.



52.2393, 55.0226, 61.9100



52.6939, 55.0226, 58.2952



51.6727, 55.0226, 60.7592

Square

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



52.6939, 55.0226, 58.2952



51.7303, 55.0226, 58.7845



51.9028, 55.0226, 61.5549



52.8685, 55.0226, 61.0503

Rectangle

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



52.6939, 55.0226, 58.2952



52.1159, 55.0226, 58.0151



51.9028, 55.0226, 61.5549



52.4792, 55.0226, 61.8462

Sweetspot

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



52.6954, 55.0250, 58.2964



94.1027, 98.7580, 106.5722



52.7019, 54.3140, 60.5300



20.1518, 21.1514, 22.8354



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.



52.6954, 55.0250, 58.2964



91.3218, 95.1021, 99.7696



53.3736, 56.3812, 58.5224



11.4323, 11.8858, 12.3940



16.4878, 10.4928, 1.1563



0.8477, 0.6307, 0.0771

Inverse Universe

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



52.2672, 55.3925, 61.9705



90.3194, 95.9624, 108.3700



51.5936, 54.0453, 61.7460



11.2869, 12.0105, 13.6409



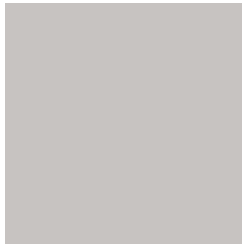
12.0655, 13.5248, 36.7190



0.6360, 0.7697, 1.7602

Previews

White Background



This preview shows how the XYZ color 52.6939, 55.0226, 58.2952 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 52.6939, 55.0226, 58.2952 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

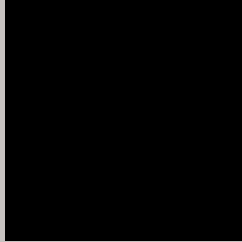
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

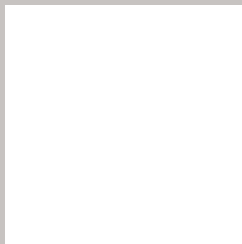
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.6939, 55.0226, 58.2952

Background



This preview shows how black text looks on a background with the XYZ color 52.6939, 55.0226, 58.2952.



This preview shows how white text looks on a background with the XYZ color 52.6939, 55.0226,

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

52.6939, 55.0226, 58.2952

Protanopia

52.9602, 55.1598, 58.3077

Deuteranopia

55.9595, 54.7373, 58.6549



Tritanopia

54.5425, 55.1115, 67.4374

Trichromacy



Original Color

52.6939, 55.0226, 58.2952

Protanomaly

52.9602, 55.1598, 58.3077

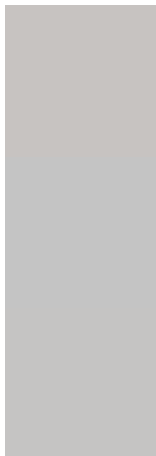
Deuteranomaly

54.6629, 54.7120, 58.7184

Tritanomaly

53.8907, 55.1747, 64.3094

Monochromacy



Original Color

52.6939, 55.0226, 58.2952

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.6162, 55.2903, 59.5287

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.6939, 55.0226, 58.2952 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(199, 195, 193)` looks like.

```
.text, #text, p{  
    color:rgb(199, 195, 193)  
}
```

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(199, 195, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 195, 193) }
```

Border

The CSS property to change the border of an element to XYZ 52.6939, 55.0226, 58.2952 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(199, 195, 193) }
```


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

```
.border{ border-color:rgb(199, 195, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 195, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 195, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 195, 193);  
box-shadow:4px 4px 4px 4px rgb(199, 195,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 52.6939, 55.0226, 58.2952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 195, 193) }
```

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

```
.background{ background-color: rgb(199,  
195, 193) }
```

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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