

Converting Colors

XYZ(54.5931, 55.8328, 70.6462)

Have a look what the booklet for
XYZ(54.5931, 55.8328, 70.6462)
contains.

XYZ(54.5513, 55.7046, 70.8277)	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(54.5513, 55.7046,
70.8277)**

Conversions

Conversions Part 1

Format	Color
Hex	C5C3D5
RGB	197, 195, 213
RGB Percent	77%, 76%, 84%
CMY	0.2274, 0.2353, 0.1647
CMYK	0.08, 0.08, 0.00, 0.16
HSL	247°, 18%, 80%
HSV	247°, 8%, 84%
XYZ	54.5513, 55.7046, 70.8277
YIQ	197.6500, -4.5860, 6.0220

Conversions

Conversions Part 2

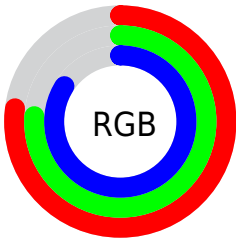
Format	Color
RYB	197, 195, 213
Decimal	12960725
CIELab	79.45, 4.12, -8.73
CIELCh	79, 9.653, 295.250
Yxy	55.7046, 0.3012, 0.3076
Android (android.graphics.Color)	4291150805 (0xFFC5C3D5)
YUV	197.6500, 7.5675, -0.5701
Hunter-Lab	74.6355, -0.1460, -4.0202

Details

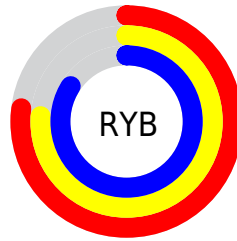
The XYZ color **54.5513, 55.7046, 70.8277** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.5106, 65.3790, 61.0626**, and the grayscale version is **53.4230, 56.2052, 61.2074**.

A 20% lighter version of the original color is **93.7335, 97.9116, 108.5663**, and **27.0241, 27.3580, 36.2041** is the 20% darker color. If you saturate the color by 10%, you get **45.4645, 44.4349, 69.1322**, and if you desaturate by 10%, it is **64.9450, 68.6617, 72.7817**.

Distribution



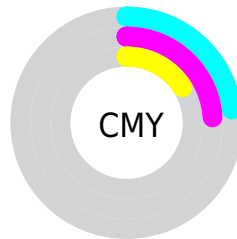
- Red (77%)
- Green (76%)
- Blue (84%)



- Red (77%)
- Yellow (76%)
- Blue (84%)



- Cyan (8%)
- Magenta (8%)
- Yellow (0%)
- Black (16%)



- Cyan (23%)
- Magenta (24%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.5513, 55.7046, 70.8277 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 54.5513, 55.7046, 70.8277 by changing the saturation by 10% instead.

■ 54.5513, 55.7046,
70.8277

■ 54.5513, 55.7046,
70.8277

394.3729,
408.5773, 482.3183

■ 39.2750, 39.9661,
51.7206

■ 96.0354, 98.5725,
122.0805

■ 27.1554, 27.5121,
36.4017

122.9739,
126.4708, 155.0634

■ 17.8272, 17.9582,
24.4525

154.5305,
159.1911, 193.5085

■ 10.9249, 10.9200,
15.4543

191.0706,
197.1179, 237.8346

■ 6.0833, 6.0131,
8.9887

232.9596,
240.6355, 288.4600

■ 2.9369, 2.8530,
4.6371

280.5627,

■ 1.1205, 1.0555,

290.1283, 345.8034

1.9810

334.2454,
345.9808, 410.2834

■ 0.0422, 0.0000,
0.5435

■ 0.0000, 0.0000,
0.0000

■ 54.5513, 55.7046,
70.8277

■ 54.5513, 55.7046,
70.8277

■ 45.4645, 44.4349,
69.1322

■ 64.9450, 68.6617,
72.7817

■ 37.6281, 34.7762,
67.6809

■ 76.6895, 83.3641,
75.0006

■ 30.9884, 26.6570,
66.4637

■ 88.5742, 97.3593,
77.0755

■ 25.4864, 19.9973,
65.4682

■ 89.0104, 97.5842,
77.0959

■ 21.0575, 14.7101,
64.6811

■ 17.6309, 10.6992,
64.0876

■ 15.1272, 7.8557,
63.6707

■ 13.4544, 6.0521,
63.4107

■ 12.4871, 5.1031,
63.2785

Harmonies

Analogous

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



52.6376, 55.7046, 71.9236



54.5513, 55.7046, 70.8277



56.0671, 55.7046, 66.9423

Triad

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



54.5513, 55.7046, 70.8277



55.0984, 55.7046, 52.2989



49.3177, 55.7046, 59.7733

Complementary

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



54.5513, 55.7046, 70.8277



60.5106, 65.3790, 61.0626

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.



49.9420, 55.7046, 54.7702



54.5513, 55.7046, 70.8277



53.2547, 55.7046, 50.6257

Square

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



54.5513, 55.7046, 70.8277



56.3884, 55.7046, 56.2128



51.3716, 55.7046, 51.5023



49.6458, 55.7046, 65.3207

Rectangle

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



54.5513, 55.7046, 70.8277



56.6320, 55.7046, 63.4110



51.3716, 55.7046, 51.5023



49.4227, 55.7046, 57.9758

Sweetspot

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



54.5529, 55.7070, 70.8289



90.1999, 93.9486, 107.9876



57.8616, 63.0956, 72.0807



19.0357, 19.7713, 23.0629



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.



54.5529, 55.7070, 70.8289



79.5938, 80.7468, 105.9984



56.9254, 56.9300, 70.9400



11.8693, 12.0740, 15.6425



7.6042, 3.0726, 38.6454



0.5027, 0.2080, 2.3330

Inverse Universe

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



58.7155, 57.8819, 69.7084



86.9955, 84.6148, 103.9840



58.0576, 64.1144, 60.9478



12.8909, 12.6079, 15.3657



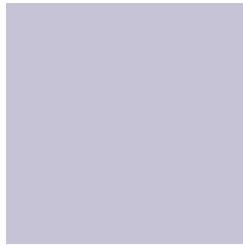
22.4204, 10.9045, 30.5815



1.3696, 0.6646, 1.9358

Previews

White Background



This preview shows how the XYZ color 54.5513, 55.7046, 70.8277 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 54.5513, 55.7046, 70.8277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

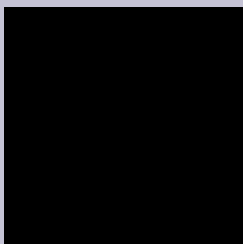
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

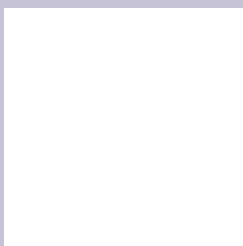
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.5513, 55.7046, 70.8277

Background



This preview shows how black text looks on a background with the XYZ color 54.5513, 55.7046, 70.8277.

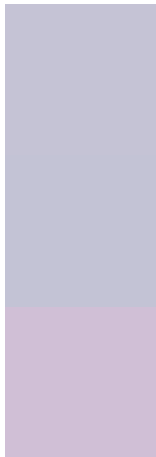


This preview shows how white text looks on a background with the XYZ color 54.5513, 55.7046,

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

54.5513, 55.7046, 70.8277

Protanopia

54.0310, 55.4364, 70.8033

Deuteranopia

56.7808, 55.5265, 71.3434



Tritanopia

54.2989, 55.6037, 69.4987

Trichromacy



Original Color

54.5513, 55.7046, 70.8277

Protanomaly

54.2903, 55.5701, 70.8155

Deuteranomaly

55.8891, 55.3917, 71.3643

Tritanomaly

54.4247, 55.6540, 70.1612

Monochromacy



Original Color

54.5513, 55.7046, 70.8277

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

54.0344, 56.2501, 64.5093

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.5513, 55.7046, 70.8277 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(197, 195, 213)` looks like.

```
.text, #text, p{  
    color:rgb(197, 195, 213)  
}
```

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(197, 195, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 195, 213) }
```

Border

The CSS property to change the border of an element to XYZ 54.5513, 55.7046, 70.8277 is called "border". The border property can be set on classes, ids or directly on the HTML element.

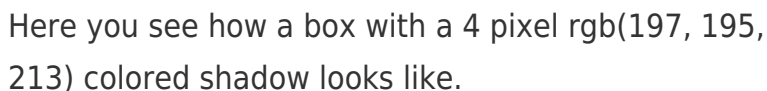
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 195, 213) }
```


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

```
.border{ border-color:rgb(197, 195, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 195, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 195, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 195, 213); box-shadow:4px 4px 4px 4px rgb(197, 195, 213) }
```

Background

The CSS property to change the background color of an element to XYZ 54.5513, 55.7046, 70.8277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 195, 213) }
```

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

```
.background{ background-color: rgb(197,  
195, 213) }
```

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