

Converting Colors

XYZ(54.4773, 55.0933, 66.4544)

Have a look what the booklet for
XYZ(54.4773, 55.0933, 66.4544)
contains.

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Color

**XYZ(54.2979, 55.0137,
66.1494)**

Conversions

Conversions Part 1

Format	Color
Hex	C9C1CE
RGB	201, 193, 206
RGB Percent	79%, 76%, 81%
CMY	0.2118, 0.2431, 0.1922
CMYK	0.02, 0.06, 0.00, 0.19
HSL	277°, 12%, 78%
HSV	277°, 6%, 81%
XYZ	54.2979, 55.0137, 66.1494
YIQ	196.8740, 0.5950, 5.7390

Conversions

Conversions Part 2

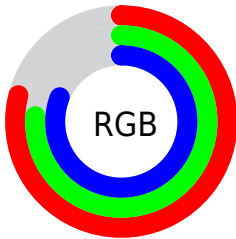
Format	Color
R _Y B	201, 193, 206
Decimal	13222350
CIE Lab	79.05, 5.18, -5.51
CIE LCh	79, 7.564, 313.233
Yxy	55.0137, 0.3095, 0.3135
Android (android.graphics.Color)	4291412430 (0xFFC9C1CE)
YUV	196.8740, 4.4991, 3.6185
Hunter-Lab	74.1712, 0.8734, -0.9578

Details

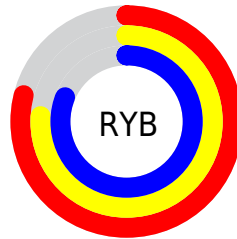
The XYZ color **54.2979, 55.0137, 66.1494** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.9878, 60.0001, 59.1380**, and the grayscale version is **52.9697, 55.7283, 60.6881**.

A 20% lighter version of the original color is **93.1657, 96.2314, 108.2719**, and **27.0782, 27.2262, 33.5338** is the 20% darker color. If you saturate the color by 10%, you get **47.9821, 45.4631, 64.6397**, and if you desaturate by 10%, it is **61.3612, 65.8943, 67.8781**.

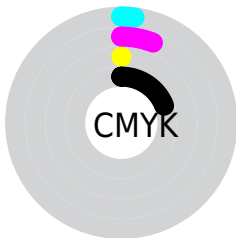
Distribution



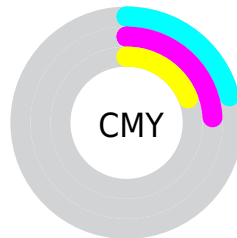
- Red (79%)
- Green (76%)
- Blue (81%)



- Red (79%)
- Yellow (76%)
- Blue (81%)



- Cyan (2%)
- Magenta (6%)
- Yellow (0%)
- Black (19%)



- Cyan (21%)
- Magenta (24%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.2979, 55.0137, 66.1494 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 54.2979, 55.0137, 66.1494 by changing the saturation by 10% instead.

■ 54.2979, 55.0137,
66.1494

■ 54.2979, 55.0137,
66.1494

393.4248,
405.9639, 465.3298

■ 39.0715, 39.4127,
47.9364

■ 95.6658, 97.5610,
115.3298

■ 26.9963, 27.0809,
33.4169

122.5381,
125.2761, 147.1343

■ 17.7070, 17.6340,
22.1723

154.0230,
157.7981, 184.3064

■ 10.8383, 10.6875,
13.7840

190.4859,
195.5112, 227.2646

■ 6.0247, 5.8571,
7.8336

232.2922,
238.8000, 276.4276

■ 2.9009, 2.7584,
3.9024

279.8072,

■ 1.1016, 1.0069,

288.0487, 332.2137

1.5720

333.3963,
343.6419, 395.0416

■ 0.0264, 0.0000,
0.2707

■ 0.0000, 0.0000,
0.0000

■ 54.2979, 55.0137,
66.1494

■ 54.2979, 55.0137,
66.1494

■ 47.9821, 45.4631,
64.6397

■ 61.3612, 65.8943,
67.8781

■ 42.3812, 37.1824,
63.3365

■ 69.1933, 78.1479,
69.8305

■ 37.4673, 30.1174,
62.2318

■ 77.8207, 91.8239,
72.0155

■ 33.2086, 24.2072,
61.3155

■ 80.4081, 93.2500,
72.1544

■ 29.5707, 19.3853,
60.5765

■ 83.0496, 94.6117,
72.2780

■ 26.5155, 15.5785,
60.0028

■ 85.8088, 96.0341,
72.4072

■ 24.0003, 12.7039,
59.5805

■ 88.1407, 97.2363,
72.5163

■ 21.9756, 10.6655,
59.2937

■ 20.3790, 9.3413,
59.1223

Harmonies

Analogous

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



52.9547, 55.0137, 68.3433



54.2979, 55.0137, 66.1494



55.1113, 55.0137, 62.3255

Triad

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



54.2979, 55.0137, 66.1494



53.1289, 55.0137, 52.3044



49.5199, 55.0137, 61.8194

Complementary

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



54.2979, 55.0137, 66.1494



54.9878, 60.0001, 59.1380

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.



49.5645, 55.0137, 57.5394



54.2979, 55.0137, 66.1494



51.6287, 55.0137, 52.1835

Square

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



54.2979, 55.0137, 66.1494



54.4275, 55.0137, 54.3968



50.3300, 55.0137, 54.0582



50.2070, 55.0137, 65.7636

Rectangle

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



54.2979, 55.0137, 66.1494



55.2342, 55.0137, 59.4340



50.3300, 55.0137, 54.0582



49.4502, 55.0137, 60.3695

Sweetspot

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



54.2995, 55.0161, 66.1506



92.7263, 96.4188, 108.3312



53.3749, 56.2756, 66.4425



19.8716, 20.6751, 23.1933



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.



54.2995, 55.0161, 66.1506



86.0552, 86.2096, 106.7123



55.5085, 55.6575, 65.3863



11.2533, 11.1799, 14.1352



12.3374, 5.5677, 36.3807



0.7196, 0.3301, 1.8807

Inverse Universe

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



54.7186, 55.3415, 61.2271



86.9284, 86.8857, 96.5470



53.8370, 59.3901, 59.8444



11.3880, 11.2839, 12.5777



16.5924, 8.4475, 5.5721



0.8928, 0.4505, 0.4813

Previews

White Background



This preview shows how the XYZ color 54.2979, 55.0137, 66.1494 looks on a white background.

Color Contrast Check

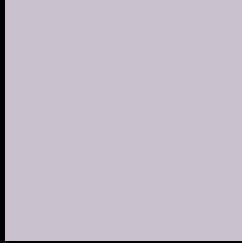
Large Text (above 18pt) WCAG AA × Fail

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 54.2979, 55.0137, 66.1494 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

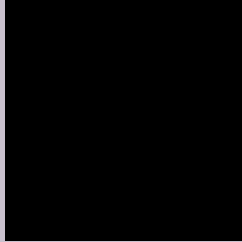
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.2979, 55.0137, 66.1494

Background



This preview shows how black text looks on a background with the XYZ color 54.2979, 55.0137, 66.1494.

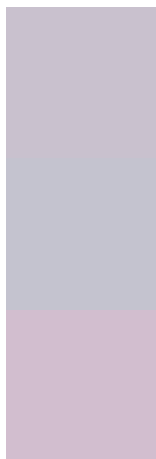


This preview shows how white text looks on a background with the XYZ color 54.2979, 55.0137,

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

54.2979, 55.0137, 66.1494

Protanopia

53.5425, 55.2710, 66.8779

Deuteranopia

56.2543, 55.0335, 66.6891



Tritanopia

54.5425, 55.1115, 67.4374

Trichromacy



Original Color

54.2979, 55.0137, 66.1494

Protanomaly

53.8430, 55.0943, 66.8279

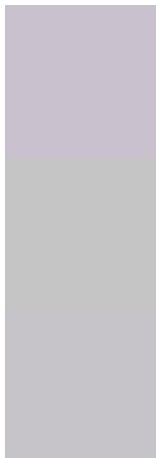
Deuteranomaly

55.6254, 55.0320, 66.7219

Tritanomaly

54.4198, 55.0624, 66.7914

Monochromacy



Original Color

54.2979, 55.0137, 66.1494

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

53.4540, 55.6558, 62.5689

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.2979, 55.0137, 66.1494 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(201, 193, 206)` looks like.

```
.text, #text, p{  
    color:rgb(201, 193, 206)  
}
```

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(201, 193, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 193, 206) }
```

Border

The CSS property to change the border of an element to XYZ 54.2979, 55.0137, 66.1494 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(201, 193, 206) }
```


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

```
.border{ border-color:rgb(201, 193, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 193, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 193, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 193, 206);  
box-shadow:4px 4px 4px 4px rgb(201, 193,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 54.2979, 55.0137, 66.1494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 193, 206) }
```

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

```
.background{ background-color: rgb(201,  
193, 206) }
```

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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