

Converting Colors

XYZ(54.7589, 57.8281, 64.1517)

Have a look what the booklet for
XYZ(54.7589, 57.8281, 64.1517)
contains.

XYZ(54.6036, 57.5786, 64.1130)	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(54.6036, 57.5786,
64.1130)**

Conversions

Conversions Part 1

Format	Color
Hex	C6C8CA
RGB	198, 200, 202
RGB Percent	78%, 78%, 79%
CMY	0.2235, 0.2157, 0.2078
CMYK	0.02, 0.01, 0.00, 0.21
HSL	210°, 4%, 78%
HSV	210°, 2%, 79%
XYZ	54.6036, 57.5786, 64.1130
YIQ	199.6300, -1.8340, 0.1980

Conversions

Conversions Part 2

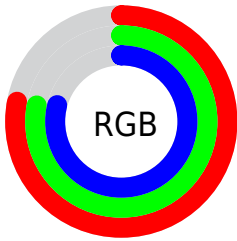
Format	Color
R_{YB}	198, 199, 202
Decimal	13027530
CIE Lab	80.50, -0.31, -1.25
CIE LCh	81, 1.285, 255.940
Yxy	57.5786, 0.3097, 0.3266
Android (android.graphics.Color)	4291217610 (0xFFC6C8CA)
YUV	199.6300, 1.1684, -1.4295
Hunter-Lab	75.8806, -4.3425, 3.0211

Details

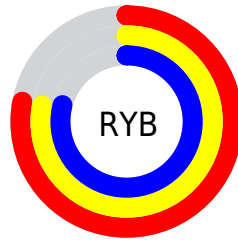
The XYZ color **54.6036, 57.5786, 64.1130** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.2044, 57.9415, 61.7010**, and the grayscale version is **54.6674, 57.5144, 62.6332**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **27.1258, 28.6252, 32.1125** is the 20% darker color. If you saturate the color by 10%, you get **47.3721, 50.4993, 63.1286**, and if you desaturate by 10%, it is **62.7025, 65.3369, 65.1845**.

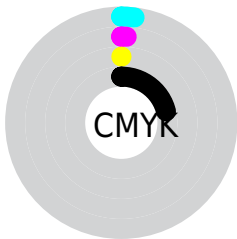
Distribution



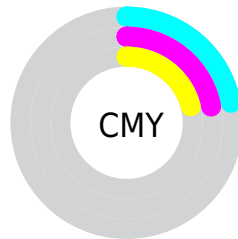
- Red (78%)
- Green (78%)
- Blue (79%)



- Red (78%)
- Yellow (78%)
- Blue (79%)



- Cyan (2%)
- Magenta (1%)
- Yellow (0%)
- Black (21%)



- Cyan (22%)
- Magenta (22%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.6036, 57.5786, 64.1130 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 54.6036, 57.5786, 64.1130 by changing the saturation by 10% instead.

■ 54.6036, 57.5786,
64.1130

■ 54.6036, 57.5786,
64.1130

394.5685,
415.6139, 457.8162

■ 39.3170, 41.4700,
46.2954

96.1116, 101.3090,
112.3747

■ 27.1883, 28.6865,
32.1287

123.0638,
129.6995, 143.6559

■ 17.8520, 18.8438,
21.1942

154.6352,
162.9527, 180.2621

■ 10.9428, 11.5575,
13.0734

191.1913,
201.4531, 222.6117

■ 6.0954, 6.4431,
7.3478

233.0972,
245.5850, 271.1234

■ 2.9444, 3.1163,
3.5988

280.7185,

■ 1.1244, 1.1928,

295.7328, 326.2157

1.4079

334.4205,
352.2810, 388.3072

■ 0.0454, 0.0558,
0.1479

■ 0.0000, 0.0000,
0.0000

■ 54.6036, 57.5786,
64.1130

■ 54.6036, 57.5786,
64.1130

■ 47.3721, 50.4993,
63.1286

■ 62.7025, 65.3369,
65.1845

■ 40.9722, 44.0714,
62.2252

■ 71.6932, 73.7860,
66.3415

■ 35.3728, 38.2759,
61.4016

■ 80.2674, 82.2575,
67.5248

■ 30.5389, 33.0900,
60.6554

■ 83.1589, 88.0405,
68.4886

■ 26.4325, 28.4895,
59.9839

■ 86.2154, 94.1534,
69.5074

■ 23.0125, 24.4481,
59.3841

■ 87.6608, 97.0443,
69.9892

■ 20.2327, 20.9369,
58.8529

■ 18.0409, 17.9237,
58.3868

■ 16.3752, 15.3708,
57.9818

Harmonies

Analogous

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



54.3748, 57.5786, 63.7430



54.6036, 57.5786, 64.1130



54.8661, 57.5786, 64.1005

Triad

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



54.6036, 57.5786, 64.1130



55.2159, 57.5786, 62.2952



54.3631, 57.5786, 61.6885

Complementary

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



54.6036, 57.5786, 64.1130



55.2044, 57.9415, 61.7010

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.



54.5876, 57.5786, 61.3069



54.6036, 57.5786, 64.1130



55.0802, 57.5786, 61.6552

Square

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



54.6036, 57.5786, 64.1130



55.2202, 57.5786, 63.0469



54.8500, 57.5786, 61.2947



54.2362, 57.5786, 62.3411

Rectangle

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



54.6036, 57.5786, 64.1130



55.0250, 57.5786, 63.8768



54.8500, 57.5786, 61.2947



54.4296, 57.5786, 61.5245

Sweetspot

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



54.6052, 57.5811, 64.1143



93.7134, 98.7102, 108.7215



54.8275, 58.4147, 62.9890



20.0726, 21.1417, 23.2728



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.



54.6052, 57.5811, 64.1143



92.3919, 97.4322, 108.5445



54.1594, 56.6894, 63.9657



12.3013, 12.9702, 14.4255



9.9551, 8.9342, 37.1561



0.5895, 0.6127, 1.9421

Inverse Universe

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



54.9777, 57.1158, 62.7734



93.0374, 96.6262, 106.2207



55.6559, 58.8445, 61.8515



12.3809, 12.8707, 14.1390



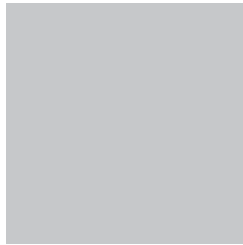
17.2358, 8.7049, 8.9603



0.9275, 0.4644, 0.6640

Previews

White Background



This preview shows how the XYZ color 54.6036, 57.5786, 64.1130 looks on a white background.

Color Contrast Check

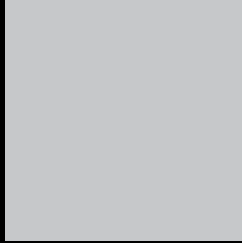
Large Text (above 18pt) WCAG AA × Fail

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 54.6036, 57.5786, 64.1130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

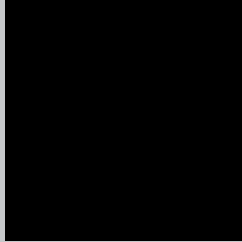
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

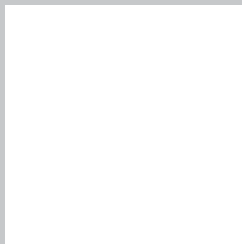
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.6036, 57.5786, 64.1130

Background



This preview shows how black text looks on a background with the XYZ color 54.6036, 57.5786, 64.1130.

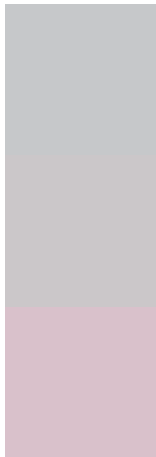


This preview shows how white text looks on a background with the XYZ color 54.6036, 57.5786,

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

54.6036, 57.5786, 64.1130

Protanopia

55.5946, 57.7604, 63.4771

Deuteranopia

58.4647, 57.2034, 64.4599



Tritanopia

56.1511, 57.5226, 71.7618

Trichromacy



Original Color

54.6036, 57.5786, 64.1130

Protanomaly

55.0534, 57.4814, 63.4517

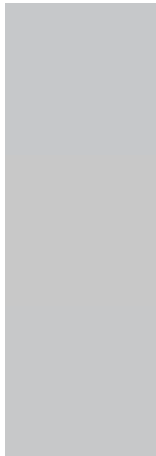
Deuteranomaly

57.0978, 57.4933, 64.5879

Tritanomaly

55.6095, 57.6421, 69.1679

Monochromacy



Original Color

54.6036, 57.5786, 64.1130

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.7501, 57.6677, 63.5037

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.6036, 57.5786, 64.1130 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(198, 200, 202)` looks like.

```
.text, #text, p{  
    color:rgb(198, 200, 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(198, 200, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 200, 202) }
```

Border

The CSS property to change the border of an element to XYZ 54.6036, 57.5786, 64.1130 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(198, 200, 202) }
```


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

```
.border{ border-color:rgb(198, 200, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 200, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 200, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 200, 202);  
box-shadow:4px 4px 4px 4px rgb(198, 200,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 54.6036, 57.5786, 64.1130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 200, 202) }
```

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

```
.background{ background-color: rgb(198,  
200, 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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