

Converting Colors

XYZ(54.3345, 57.9315, 63.8238)

Have a look what the booklet for
XYZ(54.3345, 57.9315, 63.8238)
contains.

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Color

**XYZ(54.1942, 57.7261,
63.5443)**

Conversions

Conversions Part 1

Format	Color
Hex	C4C9C9
RGB	196, 201, 201
RGB Percent	77%, 79%, 79%
CMY	0.2314, 0.2117, 0.2118
CMYK	0.02, 0.00, 0.00, 0.21
HSL	180°, 4%, 78%
HSV	180°, 2%, 79%
XYZ	54.1942, 57.7261, 63.5443
YIQ	199.5050, -2.9800, -1.0600

Conversions

Conversions Part 2

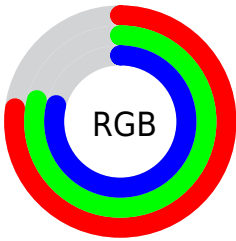
Format	Color
RYB	196, 199, 201
Decimal	12896713
CIELab	80.59, -1.71, -0.61
CIElCh	81, 1.813, 199.574
Yxy	57.7261, 0.3089, 0.3290
Android (android.graphics.Color)	4291086793 (0xFFC4C9C9)
YUV	199.5050, 0.7370, -3.0739
Hunter-Lab	75.9777, -5.6385, 3.5969

Details

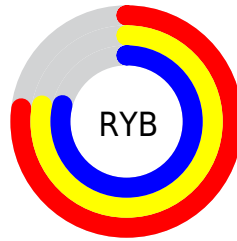
The XYZ color **54.1942, 57.7261, 63.5443** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.7932, 55.8844, 60.1788**, and the grayscale version is **54.5938, 57.4369, 62.5488**.

A 20% lighter version of the original color is **94.3180, 99.6226, 108.8657**, and **26.8555, 28.7248, 31.7328** is the 20% darker color. If you saturate the color by 10%, you get **49.3111, 55.2106, 63.3089**, and if you desaturate by 10%, it is **59.7811, 60.6077, 63.8150**.

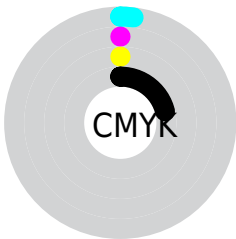
Distribution



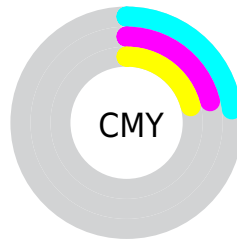
- Red (77%)
- Green (79%)
- Blue (79%)



- Red (77%)
- Yellow (78%)
- Blue (79%)



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



- Cyan (23%)
- Magenta (21%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.1942, 57.7261, 63.5443 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 54.1942, 57.7261, 63.5443 by changing the saturation by 10% instead.

■ 54.1942, 57.7261,
63.5443

■ 54.1942, 57.7261,
63.5443

393.0364,
416.1645, 455.7044

■ 38.9882, 41.5885,
45.8379

95.5145, 101.5239,
111.5475

■ 26.9313, 28.7792,
31.7702

122.3596,
129.9529, 142.6814

■ 17.6579, 18.9139,
20.9226

153.8151,
163.2477, 179.1282

■ 10.8029, 11.6080,
12.8768

190.2464,
201.7929, 221.3064

■ 6.0007, 6.4774,
7.2140

232.0188,
245.9728, 269.6346

■ 2.8862, 3.1375,
3.5158

279.4977,

■ 1.0939, 1.2039,

296.1718, 324.5313

1.3637

333.0485,
352.7742, 386.4150

■ 0.0200, 0.0649,
0.1131

■ 0.0000, 0.0000,
0.0000

■ 54.1942, 57.7261,
63.5443

■ 54.1942, 57.7261,
63.5443

■ 49.3111, 55.2106,
63.3089

■ 59.7811, 60.6077,
63.8150

■ 45.0992, 53.0394,
63.1037

■ 66.0929, 63.8614,
64.1185

■ 41.5306, 51.1999,
62.9287

■ 72.6752, 67.2545,
64.4346

■ 38.5737, 49.6758,
62.7822

■ 72.6767, 67.2551,
64.4427

36.1941, 48.4492,
62.6628

72.6783, 67.2557,
64.4508

34.3542, 47.5009,
62.5687

72.6798, 67.2563,
64.4590

33.0117, 46.8090,
62.4978

72.6814, 67.2569,
64.4671

32.1181, 46.3485,
62.4479

72.6829, 67.2576,
64.4752

31.6152, 46.0894,
62.4163

72.6844, 67.2582,
64.4834

Harmonies

Analogous

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



54.1649, 57.7261, 62.4831



54.1942, 57.7261, 63.5443



54.4033, 57.7261, 64.4299

Triad

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



54.1942, 57.7261, 63.5443



55.4145, 57.7261, 64.1948



54.9968, 57.7261, 60.8561

Complementary

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



54.1942, 57.7261, 63.5443



53.7932, 55.8844, 60.1788

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.



55.3331, 57.7261, 61.3038



54.1942, 57.7261, 63.5443



55.5750, 57.7261, 63.2262

Square

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



54.1942, 57.7261, 63.5443



55.1075, 57.7261, 64.8084



55.5452, 57.7261, 62.1685



54.6271, 57.7261, 60.9391

Rectangle

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



54.1942, 57.7261, 63.5443



54.6171, 57.7261, 64.7977



55.5452, 57.7261, 62.1685



55.1175, 57.7261, 60.9494

Sweetspot

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



54.1958, 57.7286, 63.5456



94.1178, 99.5195, 108.8550



53.6387, 57.5082, 60.4985



20.1549, 21.3063, 23.2999



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.



54.1958, 57.7286, 63.5456



92.2905, 98.5775, 108.7667



53.6369, 56.6100, 63.3611



11.5467, 12.3769, 13.6972



19.7520, 28.9132, 39.2340



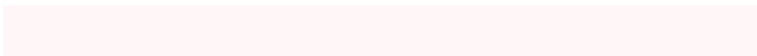
0.9354, 1.3691, 1.8583

Inverse Universe

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



53.7932, 55.8844, 60.1788



91.4513, 94.7331, 101.7485



54.3428, 56.9840, 60.3602



11.4170, 11.7827, 12.6125



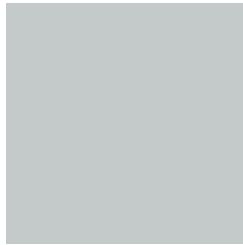
15.1458, 7.8079, 0.7119



0.7173, 0.3697, 0.0342

Previews

White Background



This preview shows how the XYZ color 54.1942, 57.7261, 63.5443 looks on a white background.

Color Contrast Check

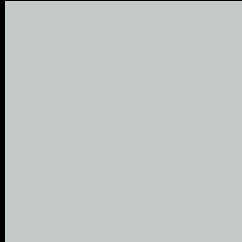
Large Text (above 18pt) WCAG AA × Fail

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 54.1942, 57.7261, 63.5443 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

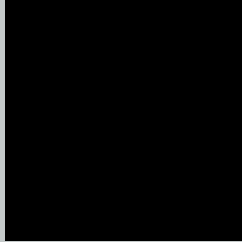
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.1942, 57.7261, 63.5443

Background



This preview shows how black text looks on a background with the XYZ color 54.1942, 57.7261, 63.5443.

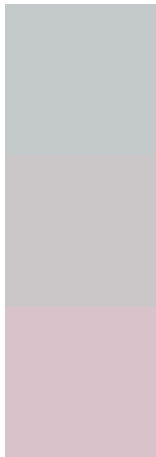


This preview shows how white text looks on a background with the XYZ color 54.1942, 57.7261, 63.5443.

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

54.1942, 57.7261, 63.5443

Protanopia

55.4774, 57.7135, 62.8594

Deuteranopia

58.8659, 57.7533, 63.9220



Tritanopia

55.9779, 57.7589, 72.4882

Trichromacy



Original Color

54.1942, 57.7261, 63.5443

Protanomaly

54.8990, 57.7580, 62.8985

Deuteranomaly

57.2053, 57.8984, 64.0376

Tritanomaly

55.3131, 57.8320, 69.2201

Monochromacy



Original Color

54.1942, 57.7261, 63.5443

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.6328, 57.6208, 62.8861

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.1942, 57.7261, 63.5443 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(196, 201, 201) looks like.

```
.text, #text, p{  
    color:rgb(196, 201, 201)  
}
```

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(196, 201, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 201, 201) }
```

Border

The CSS property to change the border of an element to XYZ 54.1942, 57.7261, 63.5443 is called "border". The border property can be set on classes, ids or directly on the HTML element.

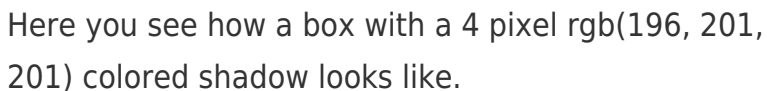
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 201, 201) }
```


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

```
.border{ border-color:rgb(196, 201, 201) }
```

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



Here you see how a box with a 4 pixel rgb(196, 201, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 201, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 201, 201);  
box-shadow:4px 4px 4px 4px rgb(196, 201,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 54.1942, 57.7261, 63.5443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 201, 201) }
```

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

```
.background{ background-color: rgb(196,  
201, 201) }
```

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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