

Converting Colors

XYZ(54.7763, 57.6242, 63.7087)

Have a look what the booklet for
XYZ(54.7763, 57.6242, 63.7087)
contains.

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Color

**XYZ(54.7501, 57.6677,
63.5037)**

Conversions

Conversions Part 1

Format	Color
Hex	C7C8C9
RGB	199, 200, 201
RGB Percent	78%, 78%, 79%
CMY	0.2196, 0.2157, 0.2118
CMYK	0.01, 0.00, 0.00, 0.21
HSL	210°, 2%, 78%
HSV	210°, 1%, 79%
XYZ	54.7501, 57.6677, 63.5037
YIQ	199.8150, -0.9170, 0.0990

Conversions

Conversions Part 2

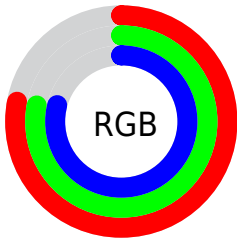
Format	Color
R_{YB}	199, 200, 201
Decimal	13093065
CIE Lab	80.55, -0.16, -0.63
CIE LCh	81, 0.647, 256.115
Yxy	57.6677, 0.3112, 0.3278
Android (android.graphics.Color)	4291283145 (0xFFC7C8C9)
YUV	199.8150, 0.5842, -0.7148
Hunter-Lab	75.9393, -4.2001, 3.5766

Details

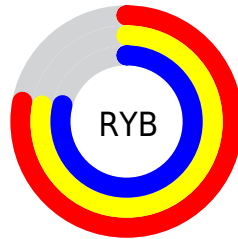
The XYZ color **54.7501, 57.6677, 63.5037** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.0506, 57.8490, 62.2982**, and the grayscale version is **54.7842, 57.6373, 62.7670**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **27.2224, 28.6841, 31.7056** is the 20% darker color. If you saturate the color by 10%, you get **47.5211, 50.6105, 62.5234**, and if you desaturate by 10%, it is **62.8388, 65.3970, 64.5702**.

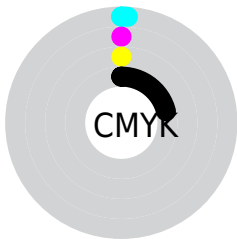
Distribution



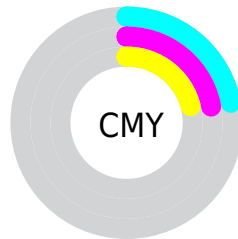
- Red (78%)
- Green (78%)
- Blue (79%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.7501, 57.6677, 63.5037 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 54.7501, 57.6677, 63.5037 by changing the saturation by 10% instead.

■ 54.7501, 57.6677,
63.5037

■ 54.7501, 57.6677,
63.5037

395.1158,
415.9466, 455.5534

■ 39.4347, 41.5416,
45.8052

96.3252, 101.4388,
111.4885

■ 27.2803, 28.7425,
31.7446

123.3156,
129.8525, 142.6118

■ 17.9215, 18.8861,
20.9033

154.9284,
163.1309, 179.0472

■ 10.9930, 11.5880,
12.8628

191.5290,
201.6584, 221.2131

■ 6.1294, 6.4638,
7.2045

233.4826,
245.8193, 269.5282

■ 2.9653, 3.1291,
3.5099

281.1547,

■ 1.1355, 1.1995,

295.9980, 324.4109

1.3605

334.9107,
352.5790, 386.2798

■ 0.0545, 0.0613,
0.1107

■ 0.0000, 0.0000,
0.0000

■ 54.7501, 57.6677,
63.5037

■ 54.7501, 57.6677,
63.5037

■ 47.5211, 50.6105,
62.5234

■ 62.8388, 65.3970,
64.5702

■ 41.1167, 44.1982,
61.6232

■ 71.8111, 73.8100,
65.7211

■ 35.5063, 38.4121,
60.8021

■ 80.0954, 82.1023,
66.8851

■ 30.6555, 33.2301,
60.0576

■ 82.9647, 87.8409,
67.8415

■ 26.5273, 28.6283,
59.3869

■ 85.9968, 93.9051,
68.8522

■ 23.0812, 24.5810,
58.7873

■ 87.5428, 96.9971,
69.3675

■ 20.2724, 21.0600,
58.2557

■ 18.0499, 18.0338,
57.7888

■ 16.3538, 15.4660,
57.3825

Harmonies

Analogous

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



54.6344, 57.6677, 63.3194



54.7501, 57.6677, 63.5037



54.8824, 57.6677, 63.4963

Triad

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



54.7501, 57.6677, 63.5037



55.0574, 57.6677, 62.5873



54.6274, 57.6677, 62.2842

Complementary

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



54.7501, 57.6677, 63.5037



55.0506, 57.8490, 62.2982

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.



54.7405, 57.6677, 62.0896



54.7501, 57.6677, 63.5037



54.9888, 57.6677, 62.2642

Square

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



54.7501, 57.6677, 63.5037



55.0599, 57.6677, 62.9662



54.8728, 57.6677, 62.0823



54.5636, 57.6677, 62.6148

Rectangle

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



54.7501, 57.6677, 63.5037



54.9622, 57.6677, 63.3836



54.8728, 57.6677, 62.0823



54.6609, 57.6677, 62.2008

Sweetspot

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



54.7517, 57.6702, 63.5050

95.0500, 100.0000, 108.9000



54.8622, 58.0849, 62.9440



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



54.7517, 57.6702, 63.5050



93.7140, 98.7114, 108.7217



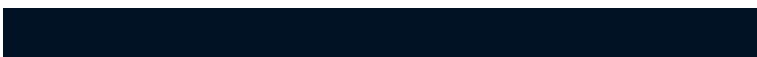
54.5278, 57.2223, 63.4303



11.8175, 12.4466, 13.6971



9.6360, 8.6659, 35.9092



0.5287, 0.5552, 1.7244

Inverse Universe

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



54.9374, 57.4356, 62.8371



94.0379, 98.3022, 107.5566



55.2760, 58.2997, 62.3734



11.8553, 12.3989, 13.5613



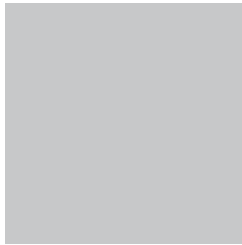
16.6631, 8.4148, 8.7019



0.8256, 0.4131, 0.6046

Previews

White Background



This preview shows how the XYZ color 54.7501, 57.6677, 63.5037 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 54.7501, 57.6677, 63.5037 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

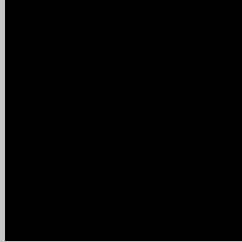
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

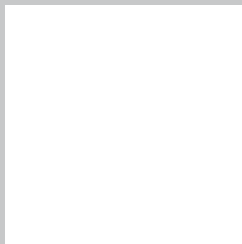
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.7501, 57.6677, 63.5037

Background



This preview shows how black text looks on a background with the XYZ color 54.7501, 57.6677, 63.5037.

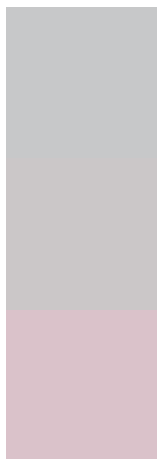


This preview shows how white text looks on a background with the XYZ color 54.7501, 57.6677,

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

54.7501, 57.6677, 63.5037

Protanopia

55.4774, 57.7135, 62.8594

Deuteranopia

58.8659, 57.7533, 63.9220



Tritanopia

56.4191, 57.6607, 71.7744

Trichromacy



Original Color

54.7501, 57.6677, 63.5037

Protanomaly

55.2059, 57.5735, 62.8467

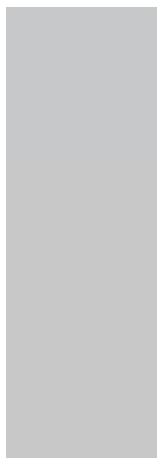
Deuteranomaly

57.2646, 57.5930, 63.9755

Tritanomaly

55.7515, 57.7297, 68.5261

Monochromacy



Original Color

54.7501, 57.6677, 63.5037

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.8990, 57.7580, 62.8985

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.7501, 57.6677, 63.5037 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, 200, 201)` looks like.

```
.text, #text, p{  
    color:rgb(199, 200, 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(199, 200, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 200, 201) }
```

Border

The CSS property to change the border of an element to XYZ 54.7501, 57.6677, 63.5037 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, 200, 201) }
```

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

```
.border{ border-color:rgb(199, 200, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 200, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 200, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 200, 201);  
box-shadow:4px 4px 4px 4px rgb(199, 200,  
201) }
```


Background

The CSS property to change the background color of an element to XYZ 54.7501, 57.6677, 63.5037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 200, 201) }
```

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

```
.background{ background-color: rgb(199,  
200, 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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