

Converting Colors

XYZ(54.5218, 57.5776, 62.2877)

Have a look what the booklet for
XYZ(54.5218, 57.5776, 62.2877)
contains.

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Color

**XYZ(54.5163, 57.5742,
62.2724)**

Conversions

Conversions Part 1

Format	Color
Hex	C7C8C7
RGB	199, 200, 199
RGB Percent	78%, 78%, 78%
CMY	0.2196, 0.2157, 0.2196
CMYK	0.01, 0.00, 0.01, 0.22
HSL	120°, 1%, 78%
HSV	120°, 1%, 78%
XYZ	54.5163, 57.5742, 62.2724
YIQ	199.5870, -0.2750, -0.5230

Conversions

Conversions Part 2

Format	Color
R _Y B	199, 200, 200
Decimal	13093063
CIE Lab	80.50, -0.52, 0.37
CIE LCh	81, 0.640, 144.811
Yxy	57.5742, 0.3127, 0.3302
Android (android.graphics.Color)	4291283143 (0xFFC7C8C7)
YUV	199.5870, -0.2894, -0.5148
Hunter-Lab	75.8777, -4.5379, 4.4554

Details

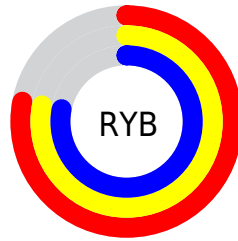
The XYZ color **54.5163, 57.5742, 62.2724** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.6703, 57.2978, 62.8247**, and the grayscale version is **54.6491, 57.4951, 62.6121**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **27.0668, 28.6218, 30.8861** is the 20% darker color. If you saturate the color by 10%, you get **47.3835, 54.1497, 50.6028**, and if you desaturate by 10%, it is **62.6549, 61.4853, 75.5847**.

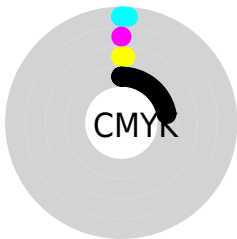
Distribution



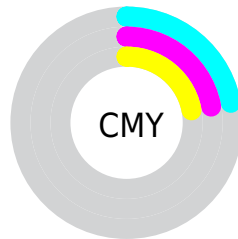
- Red (78%)
- Green (78%)
- Blue (78%)



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



- Cyan (1%)
- Magenta (0%)
- Yellow (1%)
- Black (22%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.5163, 57.5742, 62.2724 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 54.5163, 57.5742, 62.2724 by changing the saturation by 10% instead.

■ 54.5163, 57.5742,
62.2724

■ 54.5163, 57.5742,
62.2724

394.2421,
415.5974, 450.9591

■ 39.2469, 41.4664,
44.8156

95.9844, 101.3025,
109.6945

■ 27.1334, 28.6837,
30.9703

122.9137,
129.6919, 140.4970

■ 17.8106, 18.8417,
20.3180

154.4605,
162.9439, 176.5851

■ 10.9129, 11.5559,
12.4400

190.9899,
201.4429, 218.3774

■ 6.0752, 6.4421,
6.9179

232.8675,
245.5734, 266.2924

■ 2.9319, 3.1157,
3.3332

280.4584,

■ 1.1179, 1.1924,

295.7197, 320.7486

1.2672

334.1282,
352.2663, 382.1647

■ 0.0400, 0.0555,
0.0347

■ 0.0000, 0.0000,
0.0000

■ 54.5163, 57.5742,
62.2724

■ 54.5163, 57.5742,
62.2724

■ 47.3835, 54.1497,
50.6028

■ 62.6549, 61.4853,
75.5847

■ 41.2128, 51.1856,
40.5087

■ 71.8312, 65.8930,
90.5959

■ 35.9645, 48.6646,
31.9237

■ 79.9454, 69.7908,
103.8651

■ 31.5944, 46.5654,
24.7754

■ 28.0546, 44.8650,
18.9853

■ 25.2924, 43.5382,
14.4675

■ 23.2495, 42.5569,
11.1263

■ 21.8591, 41.8890,
8.8525

■ 21.0419, 41.4965,
7.5166

Harmonies

Analogous

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



54.6166, 57.5742, 62.0339



54.5163, 57.5742, 62.2724



54.4713, 57.5742, 62.6231

Triad

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



54.5163, 57.5742, 62.2724



54.6997, 57.5742, 63.4120



54.9522, 57.5742, 62.3853

Complementary

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



54.5163, 57.5742, 62.2724



54.6703, 57.2978, 62.8247

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.



54.9746, 57.5742, 62.7540



54.5163, 57.5742, 62.2724



54.8287, 57.5742, 63.3477

Square

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



54.5163, 57.5742, 62.2724



54.5771, 57.5742, 63.2818



54.9293, 57.5742, 63.1065



54.8683, 57.5742, 62.0989

Rectangle

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



54.5163, 57.5742, 62.2724



54.4786, 57.5742, 62.8737



54.9293, 57.5742, 63.1065



54.9672, 57.5742, 62.5037

Sweetspot

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



54.5179, 57.5767, 62.2737

95.0500, 100.0000, 108.9000



54.7812, 57.7066, 62.2849



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.



54.5179, 57.5767, 62.2737



93.7103, 99.3565, 106.7084



54.5743, 57.5992, 62.5708



11.8171, 12.5217, 13.4625



13.1330, 26.2656, 4.3776



0.6219, 1.2437, 0.2073

Inverse Universe

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



54.6703, 57.2978, 62.8247



94.2418, 98.3837, 108.6306



54.6137, 57.2752, 62.5266



11.8790, 12.4084, 13.6865



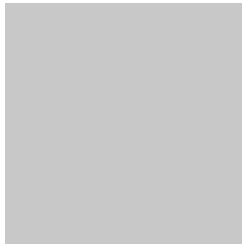
21.7691, 10.4566, 35.6153



1.0308, 0.4951, 1.6864

Previews

White Background



This preview shows how the XYZ color 54.5163, 57.5742, 62.2724 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 54.5163, 57.5742, 62.2724 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

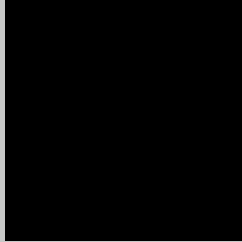
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

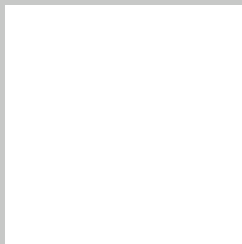
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.5163, 57.5742, 62.2724

Background



This preview shows how black text looks on a background with the XYZ color 54.5163, 57.5742, 62.2724.

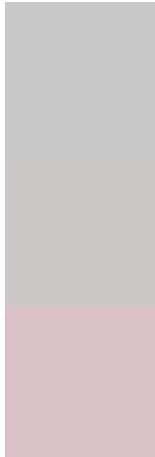


This preview shows how white text looks on a background with the XYZ color 54.5163, 57.5742,

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

54.5163, 57.5742, 62.2724

Protanopia

55.2451, 57.6206, 61.6362

Deuteranopia

58.4087, 57.2155, 62.6088



Tritanopia

56.2917, 57.6098, 71.1037

Trichromacy



Original Color

54.5163, 57.5742, 62.2724

Protanomaly

54.9736, 57.4806, 61.6235

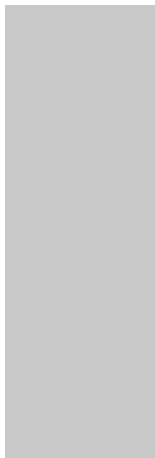
Deuteranomaly

57.0292, 57.4989, 62.7362

Tritanomaly

55.6280, 57.6803, 67.8760

Monochromacy



Original Color

54.5163, 57.5742, 62.2724

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 54.5163, 57.5742, 62.2724 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, 199) looks like.

```
.text, #text, p{  
    color:rgb(199, 200, 199)  
}
```

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, 199) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 54.5163, 57.5742, 62.2724 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, 199) }
```

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

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

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, 199)` colored shadow looks like.

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


Background

The CSS property to change the background color of an element to XYZ 54.5163, 57.5742, 62.2724 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, 199) }
```

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

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

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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