

Converting Colors

XYZ(54.2425, 57.1737, 61.6036)

Have a look what the booklet for
XYZ(54.2425, 57.1737, 61.6036)
contains.

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Color

**XYZ(54.1697, 57.0662,
61.5859)**

Conversions

Conversions Part 1

Format	Color
Hex	C7C7C6
RGB	199, 199, 198
RGB Percent	78%, 78%, 78%
CMY	0.2196, 0.2196, 0.2235
CMYK	0.00, 0.00, 0.01, 0.22
HSL	60°, 1%, 78%
HSV	60°, 1%, 78%
XYZ	54.1697, 57.0662, 61.5859
YIQ	198.8860, 0.3210, -0.3110

Conversions

Conversions Part 2

Format	Color
R _Y B	198, 199, 198
Decimal	13092806
CIE Lab	80.22, -0.18, 0.49
CIE LCh	80, 0.522, 110.000
Yxy	57.0662, 0.3134, 0.3302
Android (android.graphics.Color)	4291282886 (0xFFC7C7C6)
YUV	198.8860, -0.4368, 0.1000
Hunter-Lab	75.5422, -4.2002, 4.5432

Details

The XYZ color **54.1697, 57.0662, 61.5859** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.7937, 56.5190, 62.1098**, and the grayscale version is **54.2203, 57.0439, 62.1208**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **26.8365, 28.2842, 30.4305** is the 20% darker color. If you saturate the color by 10%, you get **52.0067, 56.2008, 50.2794**, and if you desaturate by 10%, it is **56.6376, 58.0572, 74.4834**.

Distribution



Red (78%)

Green (78%)

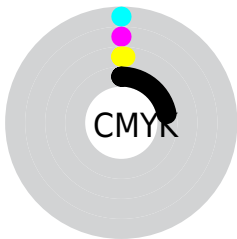
Blue (78%)



Red (78%)

Yellow (78%)

Blue (78%)



Cyan (0%)

Magenta (0%)

Yellow (1%)

Black (22%)



Cyan (22%)

Magenta (22%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.1697, 57.0662, 61.5859 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 54.1697, 57.0662, 61.5859 by changing the saturation by 10% instead.

■ 54.1697, 57.0662,
61.5859

■ 54.1697, 57.0662,
61.5859

392.9446,
413.6973, 448.3849

■ 38.9686, 41.0584,
44.2646

95.4788, 100.5618,
108.6926

■ 26.9159, 28.3647,
30.5398

122.3175,
128.8183, 139.3150

■ 17.6463, 18.6008,
19.9932

153.7660,
161.9266, 175.2082

■ 10.7945, 11.3822,
12.2061

190.1898,
200.2710, 216.7908

■ 5.9951, 6.3245,
6.7599

231.9542,
244.2358, 264.4812

■ 2.8827, 3.0434,
3.2363

279.4246,

■ 1.0921, 1.1544,

294.2056, 318.6979

1.2165

332.9663,
350.5646, 379.8597

■ 0.0185, 0.0240,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.1697, 57.0662,
61.5859

■ 54.1697, 57.0662,
61.5859

■ 52.0067, 56.2008,
50.2794

■ 56.6376, 58.0572,
74.4834

■ 50.1321, 55.4489,
40.4988

■ 59.4166, 59.1708,
89.0263

■ 48.5350, 54.8081,
32.1797

■ 62.0805, 60.2384,
102.9629

■ 47.2022, 54.2730,
25.2522

■ 62.0980, 60.2474,
102.9637

■ 46.1192, 53.8378,
19.6402

■ 62.1154, 60.2564,
102.9646

■ 45.2703, 53.4962,
15.2605

■ 62.1329, 60.2654,
102.9654

■ 44.6378, 53.2412,
12.0206

■ 62.1504, 60.2744,
102.9662

■ 44.2016, 53.0647,
9.8148

■ 62.1679, 60.2834,
102.9670

■ 43.9381, 52.9573,
8.5175

■ 62.1854, 60.2925,
102.9678

Harmonies

Analogous

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



54.2753, 57.0662, 61.5596



54.1697, 57.0662, 61.5859



54.0830, 57.0662, 61.7592

Triad

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



54.1697, 57.0662, 61.5859



54.1082, 57.0662, 62.5858



54.4416, 57.0662, 62.2373

Complementary

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



54.1697, 57.0662, 61.5859



53.7937, 56.5190, 62.1098

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.



54.3967, 57.0662, 62.5131



54.1697, 57.0662, 61.5859



54.2042, 57.0662, 62.7148

Square

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



54.1697, 57.0662, 61.5859



54.0475, 57.0662, 62.3362



54.3098, 57.0662, 62.6881



54.4324, 57.0662, 61.9350

Rectangle

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



54.1697, 57.0662, 61.5859



54.0475, 57.0662, 61.9350



54.3098, 57.0662, 62.6881



54.4324, 57.0662, 62.3362

Sweetspot

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



54.1713, 57.0687, 61.5871

95.0500, 100.0000, 108.9000



53.9421, 56.6089, 61.5105



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.



54.1713, 57.0687, 61.5871



94.6390, 99.8352, 106.7519



54.0393, 57.0006, 61.5810



11.9253, 12.5775, 13.4675



28.1676, 34.0162, 5.0812



1.3349, 1.6113, 0.2406

Inverse Universe

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



53.7937, 56.5190, 62.1098



93.3130, 97.9049, 108.5872



53.9253, 56.5868, 62.1159



11.7708, 12.3526, 13.6814



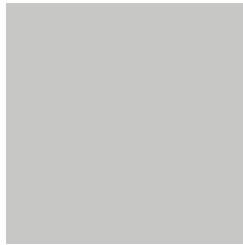
6.6355, 2.6550, 34.9071



0.3153, 0.1263, 1.6529

Previews

White Background



This preview shows how the XYZ color 54.1697, 57.0662, 61.5859 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 54.1697, 57.0662, 61.5859 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

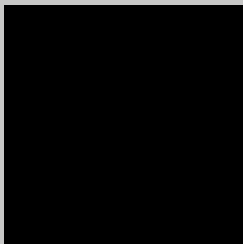
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

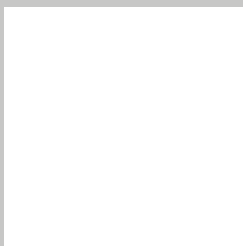
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.1697, 57.0662, 61.5859

Background



This preview shows how black text looks on a background with the XYZ color 54.1697, 57.0662, 61.5859.

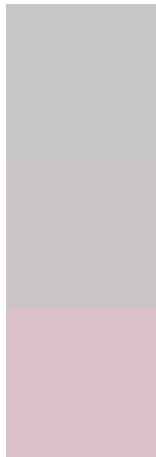


This preview shows how white text looks on a background with the XYZ color 54.1697, 57.0662, 61.5859.

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

54.1697, 57.0662, 61.5859

Protanopia

54.9007, 57.1159, 60.9542

Deuteranopia

58.2922, 57.1689, 61.9952



Tritanopia

55.9373, 57.1035, 70.3612

Trichromacy



Original Color

54.1697, 57.0662, 61.5859

Protanomaly

54.6292, 56.9759, 60.9415

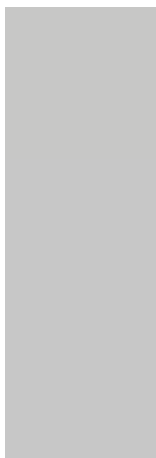
Deuteranomaly

56.6879, 57.0026, 62.0477

Tritanomaly

55.2760, 57.1725, 67.1535

Monochromacy



Original Color

54.1697, 57.0662, 61.5859

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

54.2854, 57.1125, 62.1955

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.1697, 57.0662, 61.5859 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, 199, 198) looks like.

```
.text, #text, p{  
    color:rgb(199, 199, 198)  
}
```

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, 199, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 199, 198) }
```

Border

The CSS property to change the border of an element to XYZ 54.1697, 57.0662, 61.5859 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, 199, 198) }
```

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

```
.border{ border-color:rgb(199, 199, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 199, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 199, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 199, 198);  
box-shadow:4px 4px 4px 4px rgb(199, 199,  
198) }
```


Background

The CSS property to change the background color of an element to XYZ 54.1697, 57.0662, 61.5859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 199, 198) }
```

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

```
.background{ background-color: rgb(199,  
199, 198) }
```

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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