

Converting Colors

XYZ(54.2015, 57.2963, 62.3095)

Have a look what the booklet for
XYZ(54.2015, 57.2963, 62.3095)
contains.

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Color

**XYZ(54.2518, 57.4378,
62.2601)**

Conversions

Conversions Part 1

Format	Color
Hex	C6C8C7
RGB	198, 200, 199
RGB Percent	78%, 78%, 78%
CMY	0.2235, 0.2157, 0.2196
CMYK	0.01, 0.00, 0.01, 0.22
HSL	150°, 2%, 78%
HSV	150°, 1%, 78%
XYZ	54.2518, 57.4378, 62.2601
YIQ	199.2880, -0.8710, -0.7350

Conversions

Conversions Part 2

Format	Color
R_{YB}	198, 199, 200
Decimal	13027527
CIE Lab	80.43, -0.87, 0.25
CIE LCh	80, 0.902, 164.021
Yxy	57.4378, 0.3119, 0.3302
Android (android.graphics.Color)	4291217607 (0xFFC6C8C7)
YUV	199.2880, -0.1420, -1.1296
Hunter-Lab	75.7877, -4.8513, 4.3443

Details

The XYZ color **54.2518, 57.4378, 62.2601** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.3244, 56.7926, 62.1345**, and the grayscale version is **54.4650, 57.3014, 62.4012**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **26.8913, 28.5314, 30.8778** is the 20% darker color. If you saturate the color by 10%, you get **48.1994, 54.4493, 56.1052**, and if you desaturate by 10%, it is **61.0802, 60.8208, 68.8533**.

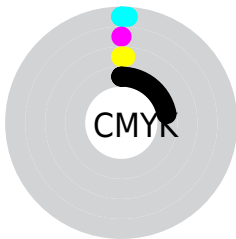
Distribution



- 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 54.2518, 57.4378, 62.2601 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 54.2518, 57.4378, 62.2601 by changing the saturation by 10% instead.

■ 54.2518, 57.4378,
62.2601

■ 54.2518, 57.4378,
62.2601

393.2522,
415.0878, 450.9130

■ 39.0345, 41.3568,
44.8058

95.5986, 101.1037,
109.6766

■ 26.9674, 28.5980,
30.9626

122.4588,
129.4575, 140.4758

■ 17.6852, 18.7769,
20.3122

153.9306,
162.6709, 176.5604

■ 10.8225, 11.5092,
12.4358

190.3795,
201.1285, 218.3490

■ 6.0140, 6.4104,
6.9151

232.1707,
245.2146, 266.2599

■ 2.8944, 3.0962,
3.3314

279.6696,

■ 1.0981, 1.1822,

295.3135, 320.7119

1.2662

333.2417,
351.8098, 382.1234

■ 0.0236, 0.0471,
0.0339

■ 0.0000, 0.0000,
0.0000

■ 54.2518, 57.4378,
62.2601

■ 54.2518, 57.4378,
62.2601

■ 48.1994, 54.4493,
56.1052

■ 61.0802, 60.8208,
68.8533

■ 42.8896, 51.8333,
50.3759

■ 68.7067, 64.6045,
75.8897

■ 38.2937, 49.5768,
45.0641

■ 76.0451, 68.2306,
83.3269

■ 34.3791, 47.6633,
40.1603

■ 77.4851, 68.8066,
90.9094

■ 31.1108, 46.0747,
35.6544

■ 79.0070, 69.4154,
98.9238

■ 28.4504, 44.7917,
31.5359

■ 79.9454, 69.7907,
103.8651

■ 26.3552, 43.7922,
27.7939

■ 24.7767, 43.0516,
24.4167

■ 23.6574, 42.5403,
21.3919

Harmonies

Analogous

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



54.3462, 57.4378, 61.8106



54.2518, 57.4378, 62.2601



54.2487, 57.4378, 62.7870

Triad

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



54.2518, 57.4378, 62.2601



54.6791, 57.4378, 63.5332



54.8490, 57.4378, 61.8350

Complementary

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



54.2518, 57.4378, 62.2601



54.3244, 56.7926, 62.1345

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.



54.9386, 57.4378, 62.2936



54.2518, 57.4378, 62.2601



54.8404, 57.4378, 63.2751

Square

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



54.2518, 57.4378, 62.2601



54.4951, 57.4378, 63.5241



54.9354, 57.4378, 62.8207



54.6908, 57.4378, 61.5662

Rectangle

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



54.2518, 57.4378, 62.2601



54.2987, 57.4378, 63.1115



54.9354, 57.4378, 62.8207



54.8881, 57.4378, 61.9720

Sweetspot

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



54.2534, 57.4403, 62.2614

95.0500, 100.0000, 108.9000



54.4114, 57.5351, 61.6646



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.



54.2534, 57.4403, 62.2614



93.9131, 99.4376, 107.7771



54.3664, 57.4855, 62.8564



11.8407, 12.5312, 13.5870



14.6357, 26.8666, 12.2919



0.7296, 1.2868, 0.7746

Inverse Universe

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



54.3244, 56.7926, 62.1345



94.0376, 98.3021, 107.5548



54.2122, 56.7477, 61.5433



11.8552, 12.3989, 13.5611



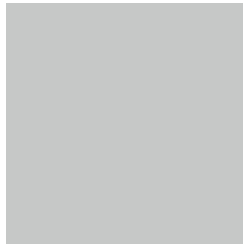
16.6579, 8.4127, 8.6746



0.8253, 0.4130, 0.6033

Previews

White Background



This preview shows how the XYZ color 54.2518, 57.4378, 62.2601 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 54.2518, 57.4378, 62.2601 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

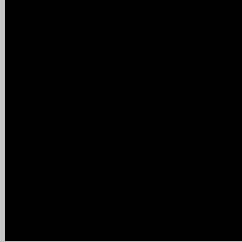
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

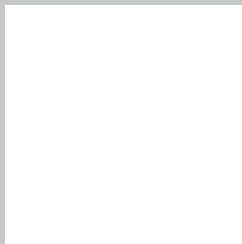
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.2518, 57.4378, 62.2601

Background



This preview shows how black text looks on a background with the XYZ color 54.2518, 57.4378, 62.2601.

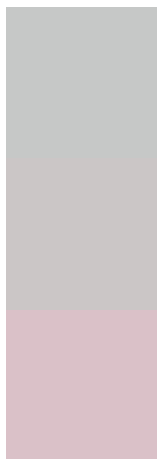


This preview shows how white text looks on a background with the XYZ color 54.2518, 57.4378,

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

54.2518, 57.4378, 62.2601

Protanopia

55.0157, 57.1619, 61.5598

Deuteranopia

58.4087, 57.2155, 62.6088



Tritanopia

56.0237, 57.4716, 71.0912

Trichromacy



Original Color

54.2518, 57.4378, 62.2601

Protanomaly

54.7039, 57.3416, 61.6109

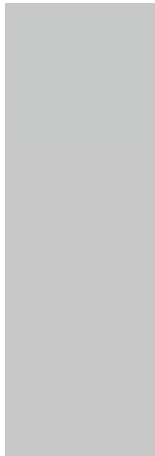
Deuteranomaly

57.0292, 57.4989, 62.7362

Tritanomaly

55.3618, 57.5430, 67.8635

Monochromacy



Original Color

54.2518, 57.4378, 62.2601

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 54.2518, 57.4378, 62.2601 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, 199)` looks like.

```
.text, #text, p{  
    color:rgb(198, 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(198, 200, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 200, 199) }
```

Border

The CSS property to change the border of an element to XYZ 54.2518, 57.4378, 62.2601 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, 199) }
```

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

```
.border{ border-color:rgb(198, 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(198, 200, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 200, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 200, 199);  
box-shadow:4px 4px 4px 4px rgb(198, 200,  
199) }
```


Background

The CSS property to change the background color of an element to XYZ 54.2518, 57.4378, 62.2601 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, 199) }
```

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

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