

Converting Colors

XYZ(54.2214, 57.7671, 62.3252)

Have a look what the booklet for
XYZ(54.2214, 57.7671, 62.3252)
contains.

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Color

**XYZ(54.2214, 57.7671,
62.3252)**

Conversions

Conversions Part 1

Format	Color
Hex	C5C9C7
RGB	197, 201, 199
RGB Percent	77%, 79%, 78%
CMY	0.2274, 0.2117, 0.2196
CMYK	0.02, 0.00, 0.01, 0.21
HSL	150°, 4%, 78%
HSV	150°, 2%, 79%
XYZ	54.2214, 57.7671, 62.3252
YIQ	199.5760, -1.7420, -1.4700

Conversions

Conversions Part 2

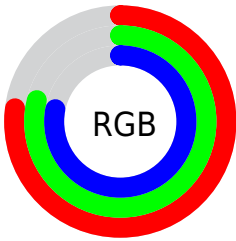
Format	Color
RYB	197, 200, 201
Decimal	12962247
CIELab	80.61, -1.74, 0.51
CIElCh	81, 1.810, 163.715
Yxy	57.7671, 0.3111, 0.3314
Android (android.graphics.Color)	4291152327 (0xFFC5C9C7)
YUV	199.5760, -0.2840, -2.2592
Hunter-Lab	76.0047, -5.6671, 4.5844

Details

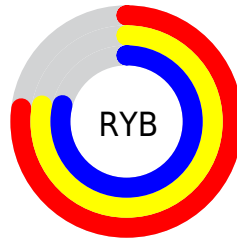
The XYZ color **54.2214, 57.7671, 62.3252** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.3646, 56.4750, 62.0712**, and the grayscale version is **54.6429, 57.4886, 62.6050**.

A 20% lighter version of the original color is **94.6831, 99.8108, 108.8828**, and **26.8722, 28.7514, 30.9213** is the 20% darker color. If you saturate the color by 10%, you get **48.1757, 54.7826, 56.1465**, and if you desaturate by 10%, it is **61.0494, 61.1492, 68.9459**.

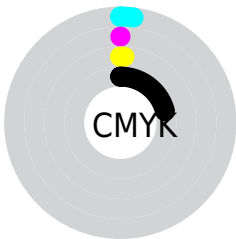
Distribution



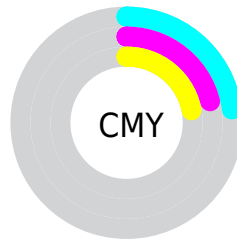
- Red (77%)
- Green (79%)
- Blue (78%)



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



- Cyan (2%)
- Magenta (0%)
- Yellow (1%)
- Black (21%)



- Cyan (23%)
- Magenta (21%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.2214, 57.7671, 62.3252 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 54.2214, 57.7671, 62.3252 by changing the saturation by 10% instead.

■ 54.2214, 57.7671,
62.3252

■ 54.2214, 57.7671,
62.3252

393.1383,
416.3175, 451.1567

■ 39.0101, 41.6214,
44.8580

95.5542, 101.5836,
109.7715

■ 26.9483, 28.8050,
31.0035

122.4065,
130.0233, 140.5878

■ 17.6708, 18.9333,
20.3430

153.8697,
163.3297, 176.6909

■ 10.8122, 11.6221,
12.4581

190.3093,
201.8873, 218.4992

■ 6.0070, 6.4869,
6.9301

232.0906,
246.0805, 266.4314

■ 2.8901, 3.1434,
3.3407

279.5789,

■ 1.0959, 1.2070,

296.2937, 320.9061

1.2711

333.1397,
352.9112, 382.3416

■ 0.0217, 0.0674,
0.0379

■ 0.0000, 0.0000,
0.0000

■ 54.2214, 57.7671,
62.3252

■ 54.2214, 57.7671,
62.3252

■ 48.1757, 54.7826,
56.1465

■ 61.0494, 61.1492,
68.9459

■ 42.8784, 52.1735,
50.3970

■ 68.6822, 64.9356,
76.0136

■ 38.3002, 49.9266,
45.0685

■ 76.2954, 68.7025,
83.4982

■ 34.4080, 48.0248,
40.1512

■ 77.7426, 69.2814,
91.1193

■ 31.1658, 46.4501,
35.6350

■ 79.2726, 69.8934,
99.1761

■ 28.5346, 45.1822,
31.5093

■ 80.1777, 70.2555,
103.9426

■ 26.4707, 44.1990,
27.7628

■ 24.9240, 43.4748,
24.3838

■ 23.8352, 42.9793,
21.3596

Harmonies

Analogous

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



54.4125, 57.7671, 61.4278



54.2214, 57.7671, 62.3252



54.2132, 57.7671, 63.3860

Triad

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



54.2214, 57.7671, 62.3252



55.0758, 57.7671, 64.9120



55.4251, 57.7671, 61.4919

Complementary

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



54.2214, 57.7671, 62.3252



54.3646, 56.4750, 62.0712

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.



55.6045, 57.7671, 62.4136



54.2214, 57.7671, 62.3252



55.4023, 57.7671, 64.3926

Square

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



54.2214, 57.7671, 62.3252



54.7053, 57.7671, 64.8877



55.5961, 57.7671, 63.4754



55.1069, 57.7671, 60.9505

Rectangle

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



54.2214, 57.7671, 62.3252



54.3124, 57.7671, 64.0438



55.5961, 57.7671, 63.4754



55.5037, 57.7671, 61.7671

Sweetspot

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



54.2230, 57.7696, 62.3265



93.9133, 99.4376, 107.7779



54.5377, 57.9584, 61.1368



20.1133, 21.2897, 23.0808



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.



54.2230, 57.7696, 62.3265



92.7903, 98.8822, 106.6636



54.4494, 57.8601, 63.5184



11.7098, 12.4664, 13.4572



14.6380, 26.8676, 12.3041



0.7297, 1.2868, 0.7751

Inverse Universe

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



54.3646, 56.4750, 62.0712



93.0370, 96.6261, 106.2187



54.1411, 56.3856, 60.8942



11.7385, 12.2034, 13.4054



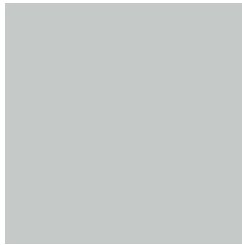
16.6556, 8.4118, 8.6623



0.8252, 0.4129, 0.6027

Previews

White Background



This preview shows how the XYZ color 54.2214, 57.7671, 62.3252 looks on a white background.

Color Contrast Check

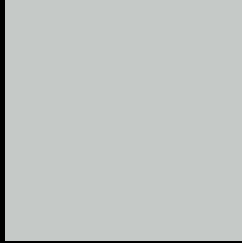
Large Text (above 18pt) WCAG AA × Fail

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 54.2214, 57.7671, 62.3252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

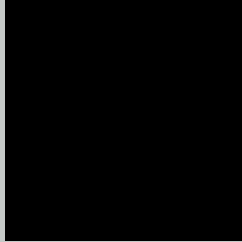
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

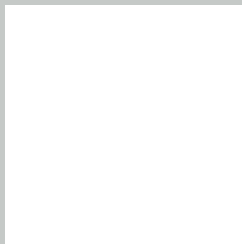
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.2214, 57.7671, 62.3252

Background



This preview shows how black text looks on a background with the XYZ color 54.2214, 57.7671, 62.3252.



This preview shows how white text looks on a background with the XYZ color 54.2214, 57.7671,

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

54.2214, 57.7671, 62.3252

Protanopia

55.5183, 57.7614, 61.6490

Deuteranopia

58.9305, 57.8138, 62.6968



Tritanopia

56.1142, 57.8440, 71.8258

Trichromacy



Original Color

54.2214, 57.7671, 62.3252

Protanomaly

54.9347, 57.8033, 61.6879

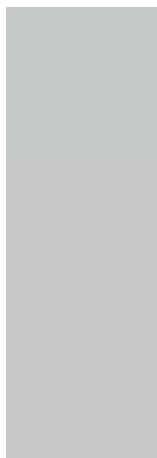
Deuteranomaly

57.2555, 57.9515, 62.8117

Tritanomaly

55.4516, 57.9178, 68.5782

Monochromacy



Original Color

54.2214, 57.7671, 62.3252

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 54.2214, 57.7671, 62.3252 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(197, 201, 199)` looks like.

```
.text, #text, p{  
    color:rgb(197, 201, 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(197, 201, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 201, 199) }
```

Border

The CSS property to change the border of an element to XYZ 54.2214, 57.7671, 62.3252 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(197, 201, 199) }
```


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

```
.border{ border-color:rgb(197, 201, 199) }
```

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

Here you see how a box with a 4 pixel rgb(197, 201, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 201, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 201, 199);  
box-shadow:4px 4px 4px 4px rgb(197, 201,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 54.2214, 57.7671, 62.3252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 201, 199) }
```

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

```
.background{ background-color: rgb(197,  
201, 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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