

Converting Colors

XYZ(51.4051, 54.7114, 60.8243)

Have a look what the booklet for
XYZ(51.4051, 54.7114, 60.8243)
contains.

XYZ(51.3038, 54.5874, 60.6558)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(51.3038, 54.5874,
60.6558)**

Conversions

Conversions Part 1

Format	Color
Hex	BFC4C5
RGB	191, 196, 197
RGB Percent	75%, 77%, 77%
CMY	0.2510, 0.2314, 0.2274
CMYK	0.03, 0.01, 0.00, 0.23
HSL	190°, 5%, 76%
HSV	190°, 3%, 77%
XYZ	51.3038, 54.5874, 60.6558
YIQ	194.6190, -3.3010, -0.7490

Conversions

Conversions Part 2

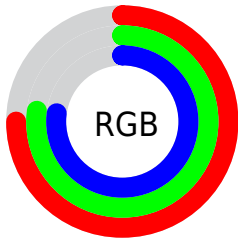
Format	Color
RYB	191, 194, 197
Decimal	12567749
CIELab	78.80, -1.53, -1.11
CIELCh	79, 1.889, 216.001
Yxy	54.5874, 0.3080, 0.3278
Android (android.graphics.Color)	4290757829 (0xFFBFC4C5)
YUV	194.6190, 1.1738, -3.1739
Hunter-Lab	73.8833, -5.3472, 3.0431

Details

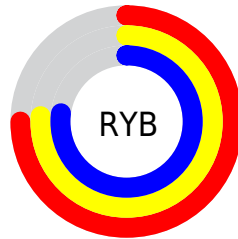
The XYZ color **51.3038, 54.5874, 60.6558** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.2797, 53.3307, 56.8821**, and the grayscale version is **51.6411, 54.3304, 59.1658**.

A 20% lighter version of the original color is **91.3724, 97.1805, 107.7078**, and **25.1122, 26.7324, 29.8229** is the 20% darker color. If you saturate the color by 10%, you get **45.9491, 50.7443, 60.1971**, and if you desaturate by 10%, it is **57.3441, 58.8109, 61.1535**.

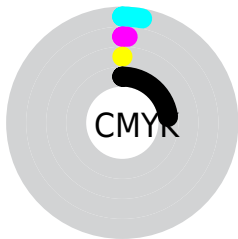
Distribution



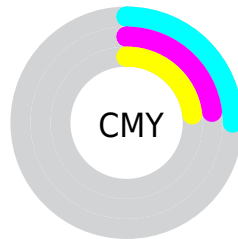
- Red (75%)
- Green (77%)
- Blue (77%)



- Red (75%)
- Yellow (76%)
- Blue (77%)



- Cyan (3%)
- Magenta (1%)
- Yellow (0%)
- Black (23%)



- Cyan (25%)
- Magenta (23%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.3038, 54.5874, 60.6558 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 51.3038, 54.5874, 60.6558 by changing the saturation by 10% instead.

■ 51.3038, 54.5874,
60.6558

■ 51.3038, 54.5874,
60.6558

382.1112,
404.3460, 444.8824

■ 36.6725, 39.0715,
43.5187

■ 91.2840, 96.9362,
107.3331

■ 25.1265, 26.8153,
29.9579

117.3636,
124.5378, 137.7103

■ 16.3006, 17.4346,
19.5548

147.9900,
156.9368, 173.3380

■ 9.8293, 10.5448,
11.8910

183.5285,
194.5176, 214.6347

■ 5.3473, 5.7617,
6.5479

224.3445,
237.6645, 262.0190

■ 2.4893, 2.7007,
3.1069

270.8034,

■ 0.8899, 0.9776,

286.7619, 315.9093

1.1495

323.2705,
342.1943, 376.7243

■ 0.0000, 0.0000,
0.0000

■ 51.3038, 54.5874,
60.6558

■ 51.3038, 54.5874,
60.6558

■ 45.9491, 50.7443,
60.1971

■ 57.3441, 58.8109,
61.1535

■ 41.2489, 47.2609,
59.7724

■ 64.0904, 63.4209,
61.6877

■ 37.1764, 44.1247,
59.3817

■ 71.5680, 68.4320,
62.2609

■ 33.7012, 41.3198,
59.0235

■ 74.1425, 70.9399,
62.6093

■ 30.7904, 38.8293,
58.6962

■ 74.9544, 72.5637,
62.8799

■ 28.4079, 36.6342,
58.3981

■ 75.7829, 74.2206,
63.1560

■ 26.5130, 34.7135,
58.1272

■ 76.6280, 75.9109,
63.4377

■ 25.0591, 33.0430,
57.8814

■ 77.4900, 77.6348,
63.7251

■ 23.9904, 31.5936,
57.6580

■ 78.3688, 79.3924,
64.0180

Harmonies

Analogous

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



51.1714, 54.5874, 59.6521



51.3038, 54.5874, 60.6558



51.5916, 54.5874, 61.3387

Triad

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



51.3038, 54.5874, 60.6558



52.5437, 54.5874, 60.2784



51.8085, 54.5874, 57.4106

Complementary

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



51.3038, 54.5874, 60.6558



51.2797, 53.3307, 56.8821

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.



52.1769, 54.5874, 57.5738



51.3038, 54.5874, 60.6558



52.6025, 54.5874, 59.2213

Square

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



51.3038, 54.5874, 60.6558



52.3077, 54.5874, 61.1190



52.4679, 54.5874, 58.2335



51.4619, 54.5874, 57.7850

Rectangle

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



51.3038, 54.5874, 60.6558



51.8335, 54.5874, 61.5157



52.4679, 54.5874, 58.2335



51.9339, 54.5874, 57.4045

Sweetspot

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



51.3054, 54.5897, 60.6570



93.9830, 99.2495, 108.8114



50.9563, 54.8111, 57.7058



20.1275, 21.2514, 23.2910



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.



51.3054, 54.5897, 60.6570



90.8582, 97.0400, 108.5496



50.6568, 53.2926, 60.4408



11.3652, 12.1671, 13.6670



15.4448, 20.2836, 37.8455



0.7723, 1.0424, 1.8056

Inverse Universe

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



51.6218, 53.1184, 59.7594



91.6102, 93.5552, 106.4133



51.9235, 54.6182, 57.0967



11.4744, 11.6623, 13.3566



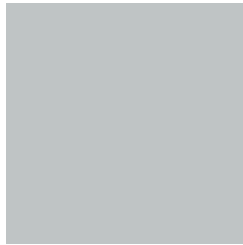
19.5952, 9.5876, 24.1418



0.9485, 0.4623, 1.2521

Previews

White Background



This preview shows how the XYZ color 51.3038, 54.5874, 60.6558 looks on a white background.

Color Contrast Check

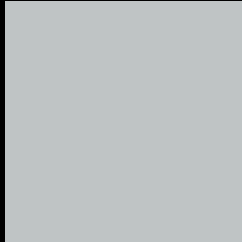
Large Text (above 18pt) WCAG AA × Fail

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 51.3038, 54.5874, 60.6558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

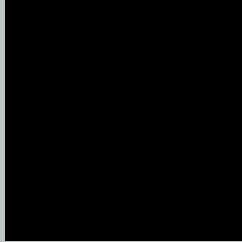
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

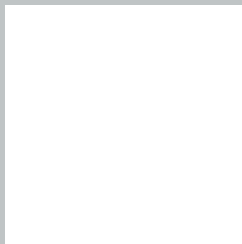
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.3038, 54.5874, 60.6558

Background



This preview shows how black text looks on a background with the XYZ color 51.3038, 54.5874, 60.6558.

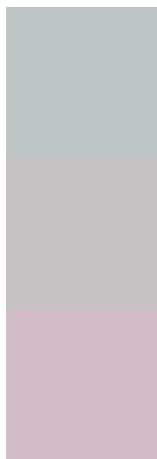


This preview shows how white text looks on a background with the XYZ color 51.3038, 54.5874,

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

51.3038, 54.5874, 60.6558

Protanopia

52.5443, 54.5749, 59.9892

Deuteranopia

55.5420, 54.4695, 61.0124



Tritanopia

52.7927, 54.5245, 68.0634

Trichromacy



Original Color

51.3038, 54.5874, 60.6558

Protanomaly

51.9846, 54.6178, 60.0270

Deuteranomaly

53.9445, 54.6139, 61.1244

Tritanomaly

52.2728, 54.6445, 65.5500

Monochromacy



Original Color

51.3038, 54.5874, 60.6558

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

51.7270, 54.4851, 60.0149

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.3038, 54.5874, 60.6558 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(191, 196, 197) looks like.

```
.text, #text, p{  
    color:rgb(191, 196, 197)  
}
```

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(191, 196, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 196, 197) }
```

Border

The CSS property to change the border of an element to XYZ 51.3038, 54.5874, 60.6558 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(191, 196, 197) }
```


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

```
.border{ border-color:rgb(191, 196, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 196, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 196, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 196, 197);  
box-shadow:4px 4px 4px 4px rgb(191, 196,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 51.3038, 54.5874, 60.6558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 196, 197) }
```

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

```
.background{ background-color: rgb(191,  
196, 197) }
```

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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