

Converting Colors

XYZ(54.1225, 60.5702, 63.9343)

Have a look what the booklet for
XYZ(54.1225, 60.5702, 63.9343)
contains.

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Color

**XYZ(54.0821, 60.5093,
64.0874)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | BCD1C9 |
| RGB | 188, 209, 201 |
| RGB Percent | 74%, 82%, 79% |
| CMY | 0.2627, 0.1804, 0.2118 |
| CMYK | 0.10, 0.00, 0.04, 0.18 |
| HSL | 157°, 19%, 78% |
| HSV | 157°, 10%, 82% |
| XYZ | 54.0821, 60.5093, 64.0874 |
| YIQ | 201.8090, -9.9480, -6.9400 |

Conversions

Conversions Part 2

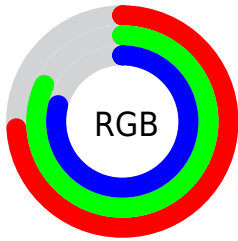
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 188, 201, 209 |
| Decimal | 12374473 |
| CIELab | 82.11, -8.58, 1.55 |
| CIELCh | 82, 8.720, 169.747 |
| Yxy | 60.5093, 0.3027, 0.3386 |
| Android (android.graphics.Color) | 4290564553 (0xFFBCD1C9) |
| YUV | 201.8090, -0.3988, -12.1105 |
| Hunter-Lab | 77.7877, -12.0260, 5.6038 |

Details

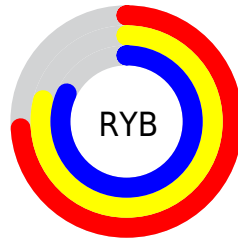
The XYZ color **54.0821, 60.5093, 64.0874** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.2437, 53.5088, 59.6966**, and the grayscale version is **56.0282, 58.9460, 64.1922**.

A 20% lighter version of the original color is **91.1182, 97.9731, 108.7160**, and **26.9795, 30.7002, 32.1075** is the 20% darker color. If you saturate the color by 10%, you get **48.3891, 57.6816, 59.0574**, and if you desaturate by 10%, it is **60.5727, 63.7459, 69.4109**.

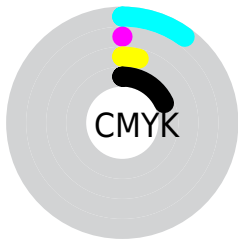
Distribution



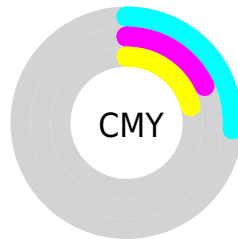
- Red (74%)
- Green (82%)
- Blue (79%)



- Red (74%)
- Yellow (79%)
- Blue (82%)



- Cyan (10%)
- Magenta (0%)
- Yellow (4%)
- Black (18%)



- Cyan (26%)
- Magenta (18%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.0821, 60.5093, 64.0874 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 54.0821, 60.5093, 64.0874 by changing the saturation by 10% instead.

■ 54.0821, 60.5093,
64.0874

■ 54.0821, 60.5093,
64.0874

392.6163,
426.4725, 457.7213

■ 38.8982, 43.8293,
46.2748

■ 95.3510, 105.5681,
112.3375

■ 26.8609, 30.5363,
32.1125

122.1667,
134.7157, 143.6121

■ 17.6049, 20.2460,
21.1819

153.5904,
168.7879, 180.2111

■ 10.7646, 12.5740,
13.0645

189.9874,
208.1692, 222.5530

■ 5.9749, 7.1359,
7.3417

231.7232,
253.2439, 271.0565

■ 2.8704, 3.5472,
3.5951

279.1630,

■ 1.0856, 1.4237,

304.3964, 326.1400

1.4059

332.6722,
362.0111, 388.2221

■ 0.0130, 0.2341,
0.1463

■ 0.0000, 0.0000,
0.0000

■ 54.0821, 60.5093,
64.0874

■ 54.0821, 60.5093,
64.0874

■ 48.3891, 57.6816,
59.0574

■ 60.5727, 63.7459,
69.4109

■ 43.4561, 55.2385,
54.3114

■ 67.8866, 67.3996,
75.0289

■ 39.2497, 53.1645,
49.8454

■ 76.0544, 71.4877,
80.9479

■ 35.7322, 51.4403,
45.6536

■ 78.7292, 72.7382,
86.8744

■ 32.8622, 50.0446,
41.7299

■ 79.8921, 73.2034,
92.9981

■ 30.5937, 48.9539,
38.0680

■ 81.1070, 73.6893,
99.3956

■ 28.8746, 48.1413,
34.6612

■ 82.0916, 74.0832,
104.5805

■ 27.6428, 47.5749,
31.5021

■ 26.7884, 47.1979,
28.5946

Harmonies

Analogous

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



54.8397, 60.5093, 59.5177



54.0821, 60.5093, 64.0874



54.2285, 60.5093, 69.3870

Triad

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



54.0821, 60.5093, 64.0874



58.7226, 60.5093, 75.9465



59.8418, 60.5093, 58.4104

Complementary

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



54.0821, 60.5093, 64.0874



54.2437, 53.5088, 59.6966

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.



60.9260, 60.5093, 62.5016



54.0821, 60.5093, 64.0874



60.2703, 60.5093, 72.6895

Square

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



54.0821, 60.5093, 64.0874



56.8814, 60.5093, 76.4273



61.0845, 60.5093, 67.7146



58.1478, 60.5093, 56.3585

Rectangle

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



54.0821, 60.5093, 64.0874



54.8201, 60.5093, 72.6159



61.0845, 60.5093, 67.7146



60.2912, 60.5093, 59.5822

Sweetspot

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



54.0838, 60.5119, 64.0887



91.8255, 98.3915, 106.3179



54.6575, 60.9769, 56.4668



19.4743, 20.9700, 22.6102



0.0000, 0.0000, 0.0000



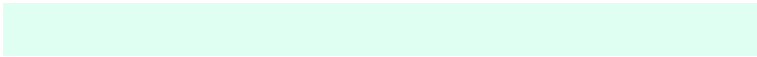
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



54.0838, 60.5119, 64.0887



82.8537, 93.9229, 98.8257



54.4536, 59.7052, 68.9788



11.9595, 13.3275, 14.1429



16.5655, 29.1191, 17.8897



0.9643, 1.6434, 1.2005

Inverse Universe

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



54.2437, 53.5088, 59.6966



83.1523, 80.8462, 90.6248



53.8846, 54.2099, 55.2014



11.9925, 11.8817, 13.2361



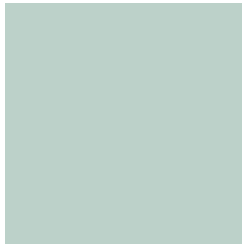
17.1415, 8.7294, 5.6513



0.9967, 0.5034, 0.5173

Previews

White Background



This preview shows how the XYZ color 54.0821, 60.5093, 64.0874 looks on a white background.

Color Contrast Check

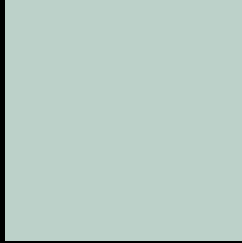
Large Text (above 18pt) WCAG AA × Fail

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 54.0821, 60.5093, 64.0874 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

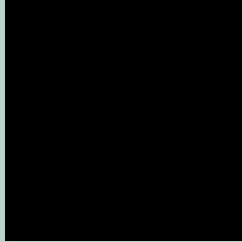
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

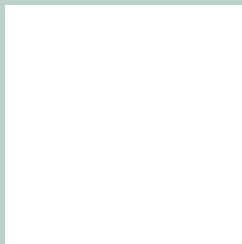
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.0821, 60.5093, 64.0874

Background



This preview shows how black text looks on a background with the XYZ color 54.0821, 60.5093, 64.0874.



This preview shows how white text looks on a background with the XYZ color 54.0821, 60.5093,

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

54.0821, 60.5093, 64.0874

Protanopia

57.8435, 60.3444, 62.0250

Deuteranopia

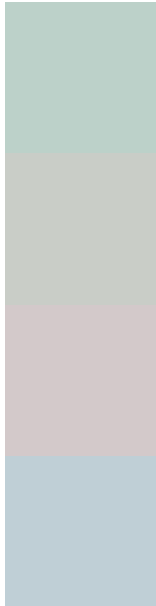
61.4862, 60.0916, 64.8581



Tritanopia

56.9944, 60.6230, 77.8047

Trichromacy



Original Color

54.0821, 60.5093, 64.0874

Protanomaly

56.2275, 60.2037, 62.6898

Deuteranomaly

58.4113, 59.8864, 64.3577

Tritanomaly

55.9363, 60.5571, 72.3589

Monochromacy



Original Color

54.0821, 60.5093, 64.0874

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

55.5179, 59.7972, 64.4930

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.0821, 60.5093, 64.0874 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(188, 209, 201)` looks like.

```
.text, #text, p{  
    color:rgb(188, 209, 201)  
}
```

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(188, 209, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 209, 201) }
```

Border

The CSS property to change the border of an element to XYZ 54.0821, 60.5093, 64.0874 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(188, 209, 201) }
```


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

```
.border{ border-color:rgb(188, 209, 201) }
```

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

Here you see how a box with a 4 pixel rgb(188, 209, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 209, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 209, 201);  
box-shadow:4px 4px 4px 4px rgb(188, 209,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 54.0821, 60.5093, 64.0874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 209, 201) }
```

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

```
.background{ background-color: rgb(188,  
209, 201) }
```

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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