

Converting Colors

XYZ(52.9489, 60.7013, 56.9493)

Have a look what the booklet for
XYZ(52.9489, 60.7013, 56.9493)
contains.

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Color

**XYZ(52.9731, 60.8274,
57.0930)**

Conversions

Conversions Part 1

Format	Color
Hex	BBD3BD
RGB	187, 211, 189
RGB Percent	73%, 83%, 74%
CMY	0.2667, 0.1725, 0.2588
CMYK	0.11, 0.00, 0.10, 0.17
HSL	125°, 21%, 78%
HSV	125°, 11%, 83%
XYZ	52.9731, 60.8274, 57.0930
YIQ	201.3160, -7.2420, -11.9300

Conversions

Conversions Part 2

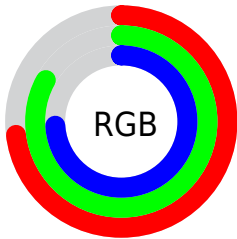
Format	Color
R _Y B	187, 209, 211
Decimal	12309437
CIE Lab	82.29, -12.17, 8.18
CIE LCh	82, 14.666, 146.091
Yxy	60.8274, 0.3100, 0.3559
Android (android.graphics.Color)	4290499517 (0xFFBBD3BD)
YUV	201.3160, -6.0718, -12.5551
Hunter-Lab	77.9919, -15.2464, 11.1919

Details

The XYZ color **52.9731, 60.8274, 57.0930** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.1451, 53.9945, 67.7873**, and the grayscale version is **55.7545, 58.6581, 63.8786**.

A 20% lighter version of the original color is **89.2036, 97.1673, 100.4398**, and **26.1639, 30.6228, 27.8244** is the 20% darker color. If you saturate the color by 10%, you get **46.2241, 57.5765, 46.5386**, and if you desaturate by 10%, it is **60.7640, 64.5865, 69.1604**.

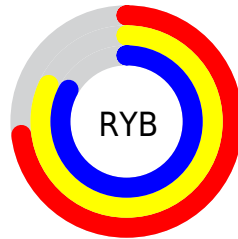
Distribution



Red (73%)

Green (83%)

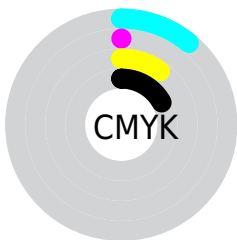
Blue (74%)



Red (73%)

Yellow (82%)

Blue (83%)

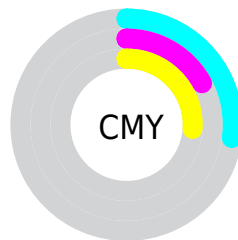


Cyan (11%)

Magenta (0%)

Yellow (10%)

Black (17%)



Cyan (27%)

Magenta (17%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.9731, 60.8274, 57.0930 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 52.9731, 60.8274, 57.0930 by changing the saturation by 10% instead.

■ 52.9731, 60.8274,
57.0930

■ 52.9731, 60.8274,
57.0930

388.4445,
427.6409, 431.3012

■ 38.0087, 44.0859,
40.6701

■ 93.7305, 106.0290,
102.1026

■ 26.1667, 30.7380,
27.7436

120.2543,
135.2578, 131.5262

■ 17.0817, 20.3995,
17.8951

151.3619,
169.4180, 166.1206

■ 10.3884, 12.6857,
10.7061

187.4186,
208.8937, 206.3042

■ 5.7215, 7.2125,
5.7579

228.7899,
254.0695, 252.4954

■ 2.7155, 3.5954,
2.6320

275.8410,

■ 1.0052, 1.4499,

305.3296, 305.1130

0.9089

328.9375,
363.0586, 364.5754

■ 0.0000, 0.2531,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 52.9731, 60.8274,
57.0930

■ 52.9731, 60.8274,
57.0930

■ 46.2241, 57.5765,
46.5386

■ 60.7640, 64.5865,
69.1604

■ 40.4680, 54.8047,
37.4338

■ 69.6332, 68.8662,
82.7929

■ 35.6594, 52.4916,
29.7163

■ 79.6212, 73.6879,
98.0452

■ 31.7473, 50.6125,
23.3182

■ 82.5854, 75.0708,
104.7451

■ 28.6762, 49.1401,
18.1656

■ 26.3840, 48.0443,
14.1773

■ 24.8001, 47.2907,
11.2627

■ 23.8411, 46.8384,
9.3176

■ 23.4012, 46.6331,
8.3223

Harmonies

Analogous

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



55.2138, 60.8274, 51.9559



52.9731, 60.8274, 57.0930



52.0286, 60.8274, 65.0654

Triad

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



52.9731, 60.8274, 57.0930



57.4063, 60.8274, 84.9113



63.3767, 60.8274, 58.9518

Complementary

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



52.9731, 60.8274, 57.0930



56.1451, 53.9945, 67.7873

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.



64.0145, 60.8274, 67.4099



52.9731, 60.8274, 57.0930



60.4958, 60.8274, 82.9064

Square

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



52.9731, 60.8274, 57.0930



54.5291, 60.8274, 81.5523



62.9425, 60.8274, 76.2948



61.2295, 60.8274, 52.9594

Rectangle

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



52.9731, 60.8274, 57.0930



52.2351, 60.8274, 71.1123



62.9425, 60.8274, 76.2948



63.7779, 60.8274, 61.5778

Sweetspot

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



52.9748, 60.8300, 57.0943



91.1827, 98.1344, 102.9327



58.6743, 63.7931, 56.2354



19.3011, 20.9007, 21.6985



0.0000, 0.0000, 0.0000



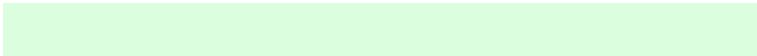
20.3446, 21.4041, 23.3091

Same Dimension

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



52.9748, 60.8300, 57.0943



78.2855, 91.9153, 82.9159



54.2853, 61.3542, 63.9954



11.6957, 13.2220, 12.7541



14.1375, 28.1479, 5.1043



0.8047, 1.5795, 0.3601

Inverse Universe

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



56.1451, 53.9945, 67.7873



84.2245, 79.1096, 102.9469



54.7602, 53.4406, 60.4945



12.2665, 11.9914, 14.6794



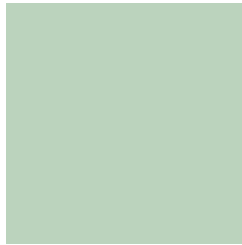
22.0681, 10.7001, 31.5946



1.2467, 0.6034, 1.8342

Previews

White Background



This preview shows how the XYZ color 52.9731, 60.8274, 57.0930 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 52.9731, 60.8274, 57.0930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

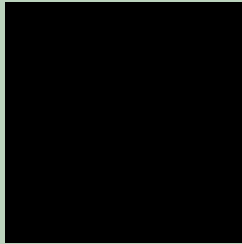
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.9731, 60.8274, 57.0930

Background



This preview shows how black text looks on a background with the XYZ color 52.9731, 60.8274, 57.0930.

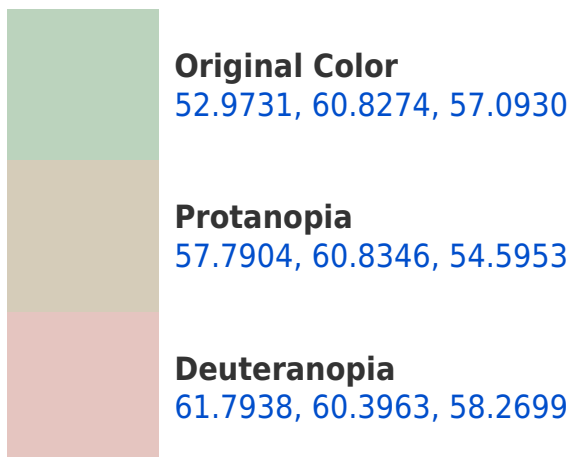


This preview shows how white text looks on a background with the XYZ color 52.9731, 60.8274,

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





Tritanopia

57.1288, 60.6768, 78.5128

Trichromacy



Original Color

52.9731, 60.8274, 57.0930

Protanomaly

56.0776, 61.0082, 55.2745

Deuteranomaly

58.2561, 60.2988, 57.8586

Tritanomaly

55.5490, 60.7620, 70.4285

Monochromacy



Original Color

52.9731, 60.8274, 57.0930

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

54.6743, 59.4296, 61.4127

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.9731, 60.8274, 57.0930 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(187, 211, 189)` looks like.

```
.text, #text, p{  
    color:rgb(187, 211, 189)  
}
```

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(187, 211, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 211, 189) }
```

Border

The CSS property to change the border of an element to XYZ 52.9731, 60.8274, 57.0930 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(187, 211, 189) }
```


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

```
.border{ border-color:rgb(187, 211, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 211, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 211, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 211, 189);  
box-shadow:4px 4px 4px 4px rgb(187, 211,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 52.9731, 60.8274, 57.0930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 211, 189) }
```

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

```
.background{ background-color: rgb(187,  
211, 189) }
```

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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