

Converting Colors

XYZ(52.0287, 69.0508, 38.1914)

Have a look what the booklet for
XYZ(52.0287, 69.0508, 38.1914)
contains.

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Color

**XYZ(52.0276, 69.0499,
38.1896)**

Conversions

Conversions Part 1

Format	Color
Hex	B0E893
RGB	176, 232, 147
RGB Percent	69%, 91%, 58%
CMY	0.3098, 0.0902, 0.4235
CMYK	0.24, 0.00, 0.37, 0.09
HSL	100°, 65%, 74%
HSV	100°, 37%, 91%
XYZ	52.0276, 69.0499, 38.1896
YIQ	205.5660, -6.0910, -38.3070

Conversions

Conversions Part 2

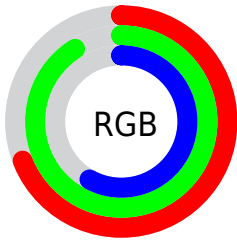
Format	Color
RYB	147, 232, 203
Decimal	11593875
CIELab	86.53, -32.92, 35.73
CIELCh	87, 48.585, 132.660
Yxy	69.0499, 0.3267, 0.4335
Android (android.graphics.Color)	4289783955 (0xFFB0E893)
YUV	205.5660, -28.8730, -25.9294
Hunter-Lab	83.0963, -33.6574, 30.9187

Details

The XYZ color **52.0276, 69.0499, 38.1896** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **49.6307, 39.3922, 81.3352**, and the grayscale version is **58.5717, 61.6220, 67.1064**.

A 20% lighter version of the original color is **80.0249, 93.1079, 69.6310**, and **25.6169, 36.0145, 16.4278** is the 20% darker color. If you saturate the color by 10%, you get **47.1242, 66.7137, 29.3965**, and if you desaturate by 10%, it is **57.6909, 71.7395, 48.9375**.

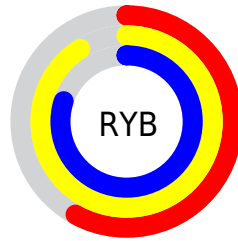
Distribution



Red (69%)

Green (91%)

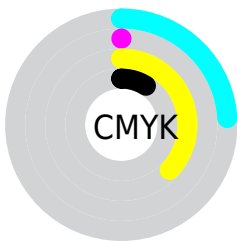
Blue (58%)



Red (58%)

Yellow (91%)

Blue (80%)

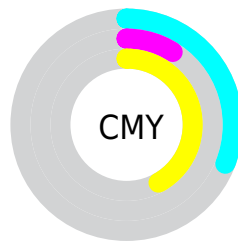


Cyan (24%)

Magenta (0%)

Yellow (37%)

Black (9%)



Cyan (31%)


Magenta (9%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.0276, 69.0499, 38.1896 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 52.0276, 69.0499, 38.1896 by changing the saturation by 10% instead.


 52.0276, 69.0499,
38.1896


 52.0276, 69.0499,
38.1896


384.8654,
457.2070, 353.7551

 37.2514, 50.7523,
25.8269

 92.3459, 117.8528,
73.6053

 25.5768, 36.0116,
16.4696


 118.6188,
149.1270, 97.4954

 16.6383, 24.4431,
9.6991


149.4546,
185.4955, 126.0650

 10.0707, 15.6627,
5.0969

185.2187,
227.3428, 159.7327

 5.5085, 9.2858,
2.2445

226.2765,
275.0532, 198.9170

 2.5864, 4.9280,
0.6999


272.9933,

 0.9390, 2.2051,


329.0110, 244.0365


0.0000


325.7345,
389.6008, 295.5097

 0.0000, 0.7228,
0.0000

 0.0000, 0.0000,
0.0000


 52.0276, 69.0499,
38.1896


 52.0276, 69.0499,
38.1896

 47.1242, 66.7137,
29.3965


 57.6909, 71.7395,
48.9375


 42.9403, 64.7066,
22.4362

 64.1415, 74.7882,
61.7434

 39.4397, 63.0147,
17.1800

 71.4117, 78.2124,
76.7086

 36.5801, 61.6195,
13.4805

 79.5302, 82.0249,
93.9266

■ 34.3137, 60.4999,
11.1655

■ 87.2086, 85.7117,
106.5554

■ 32.5826, 59.6312,
10.0167

■ 88.1480, 86.1960,
106.5993

■ 32.0948, 59.3846,
9.7708

Harmonies

Analogous

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



60.9994, 69.0499, 29.4696



52.0276, 69.0499, 38.1896



47.0607, 69.0499, 58.1800

Triad

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



52.0276, 69.0499, 38.1896



59.3877, 69.0499, 151.2384



89.0952, 69.0499, 62.3994

Complementary

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



52.0276, 69.0499, 38.1896



49.6307, 39.3922, 81.3352

Split Complementary

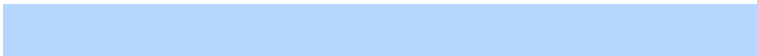
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.5355, 69.0499, 95.2141



52.0276, 69.0499, 38.1896



70.4890, 69.0499, 153.3358

Square

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



52.0276, 69.0499, 38.1896



50.9644, 69.0499, 125.5006



81.4176, 69.0499, 130.6052



82.8691, 69.0499, 40.5140

Rectangle

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



52.0276, 69.0499, 38.1896



46.2955, 69.0499, 78.0974



81.4176, 69.0499, 130.6052



89.7132, 69.0499, 72.3432

Sweetspot

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



52.0293, 69.0529, 38.1911



84.3829, 94.9852, 86.5234



59.7272, 61.6237, 36.3514



17.7990, 20.2071, 17.9795



0.0000, 0.0000, 0.0000



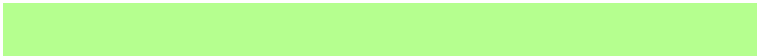
20.3446, 21.4041, 23.3091

Same Dimension

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



52.0293, 69.0529, 38.1911



59.7768, 83.3301, 38.8410



47.2146, 66.4487, 43.4819



14.6505, 16.3269, 15.2837



17.9381, 33.0289, 5.4298



1.4222, 2.4905, 0.4058

Inverse Universe

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



49.6307, 39.3922, 81.3352



56.3756, 41.5143, 99.6495



56.5342, 43.1528, 72.5433



14.4926, 14.3562, 18.1515



15.5039, 7.0585, 42.9284



1.2442, 0.5724, 3.1769

Previews

White Background



This preview shows how the XYZ color 52.0276, 69.0499, 38.1896 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 52.0276, 69.0499, 38.1896 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

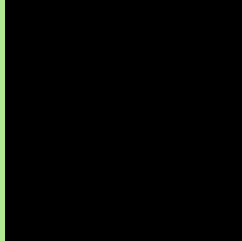
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.0276, 69.0499, 38.1896

Background



This preview shows how black text looks on a background with the XYZ color 52.0276, 69.0499, 38.1896.



This preview shows how white text looks on a background with the XYZ color 52.0276, 69.0499,

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

52.0276, 69.0499, 38.1896

Protanopia

63.5504, 68.6674, 34.7156

Deuteranopia

69.5536, 68.2859, 40.9671



Tritanopia

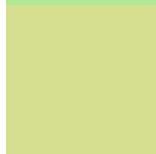
62.5243, 68.8331, 90.8797

Trichromacy



Original Color

52.0276, 69.0499, 38.1896



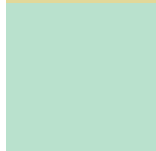
Protanomaly

58.8108, 68.5219, 36.1130



Deuteranomaly

61.6697, 67.5804, 39.9310



Tritanomaly

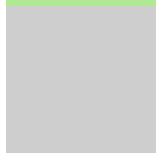
57.9522, 68.5725, 67.9390

Monochromacy



Original Color

52.0276, 69.0499, 38.1896



Achromatopsia

58.6655, 61.7207, 67.2138



Achromatomaly

55.5631, 63.7058, 55.2669

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.0276, 69.0499, 38.1896 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(176, 232, 147)` looks like.

```
.text, #text, p{  
    color:rgb(176, 232, 147)  
}
```

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(176, 232, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 232, 147) }
```

Border

The CSS property to change the border of an element to XYZ 52.0276, 69.0499, 38.1896 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(176, 232, 147) }
```


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

```
.border{ border-color:rgb(176, 232, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 232, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 232, 147); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 232, 147); box-shadow:4px 4px 4px 4px rgb(176, 232, 147) }
```

Background

The CSS property to change the background color of an element to XYZ 52.0276, 69.0499, 38.1896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 232, 147) }
```

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

```
.background{ background-color: rgb(176,  
232, 147) }
```

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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