

Converting Colors

XYZ(56.9258, 75.3194, 30.6880)

Have a look what the booklet for
XYZ(56.9258, 75.3194, 30.6880)
contains.

XYZ(56.7905, 75.1129, 30.5738)	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(56.7905, 75.1129,
30.5738)**

Conversions

Conversions Part 1

Format	Color
Hex	C1F07C
RGB	193, 240, 124
RGB Percent	76%, 94%, 49%
CMY	0.2431, 0.0588, 0.5137
CMYK	0.20, 0.00, 0.48, 0.06
HSL	84°, 79%, 71%
HSV	84°, 48%, 94%
XYZ	56.7905, 75.1129, 30.5738
YIQ	212.7230, 9.2240, -46.0400

Conversions

Conversions Part 2

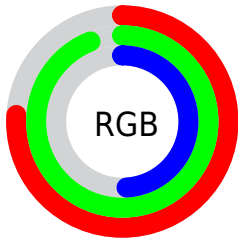
Format	Color
RYB	124, 240, 171
Decimal	12710012
CIELab	89.45, -33.38, 50.84
CIELCh	89, 60.815, 123.288
Yxy	75.1129, 0.3495, 0.4623
Android (android.graphics.Color)	4290900092 (0xFFC1F07C)
YUV	212.7230, -43.7404, -17.2971
Hunter-Lab	86.6677, -34.7033, 39.7516

Details

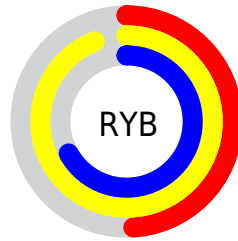
The XYZ color **56.7905, 75.1129, 30.5738** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **39.7335, 29.3666, 86.0165**, and the grayscale version is **63.3411, 66.6398, 72.5707**.

A 20% lighter version of the original color is **83.6803, 95.2839, 56.6290**, and **28.5943, 40.0543, 12.1854** is the 20% darker color. If you saturate the color by 10%, you get **53.0559, 73.3446, 23.4178**, and if you desaturate by 10%, it is **61.0612, 77.1196, 39.6858**.

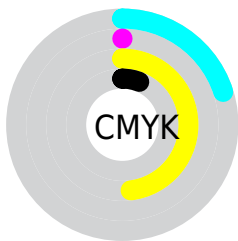
Distribution



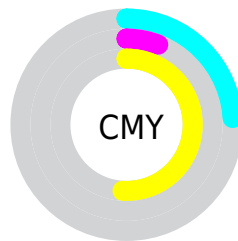
- Red (76%)
- Green (94%)
- Blue (49%)



- Red (49%)
- Yellow (94%)
- Blue (67%)



- Cyan (20%)
- Magenta (0%)
- Yellow (48%)
- Black (6%)




- Cyan (24%)
- Magenta (6%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.7905, 75.1129, 30.5738 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 56.7905, 75.1129, 30.5738 by changing the saturation by 10% instead.


 56.7905, 75.1129,
30.5738


 56.7905, 75.1129,
30.5738


402.6907,
478.3055, 318.8602


 41.0765, 55.7054,
20.0188


 99.2926, 126.4722,
61.6401

 28.5668, 39.9668,
12.2245


 126.8114,
159.1927, 82.9885

 18.8960, 27.5126,
6.7724


 158.9959,
197.1197, 108.7718

 11.6987, 17.9586,
3.2439

196.2114,
240.6376, 139.4085

 6.6096, 10.9203,
1.2205

238.8232,
290.1307, 175.3171

 3.2633, 6.0132,
0.0000

287.1969,

 1.2945, 2.8531,

345.9835, 216.9162

0.0000

341.6976,
408.5803, 264.6244

0.1791, 1.0555,
0.0000

0.0000, 0.0000,
0.0000

56.7905, 75.1129,
30.5738

56.7905, 75.1129,
30.5738

53.0559, 73.3446,
23.4178

61.0612, 77.1196,
39.6858

49.8216, 71.7923,
18.0693


65.8900, 79.3663,
50.8783


47.0551, 70.4452,
14.3662


71.3042, 81.8666,
64.2711


44.7166, 69.2870,
12.1156


77.3273, 84.6303,
79.9735

 42.7506, 68.2952,
11.0440

 83.9816, 87.6667,
98.0877

 42.4466, 68.1410,
10.9154

 89.1222, 90.1181,
107.3050

 90.4517, 90.8034,
107.3672

Harmonies

Analogous

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



69.7614, 75.1129, 24.1643



56.7905, 75.1129, 30.5738



48.7309, 75.1129, 50.1617

Triad

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



56.7905, 75.1129, 30.5738



59.2699, 75.1129, 179.1898



103.9955, 75.1129, 77.1675

Complementary

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



56.7905, 75.1129, 30.5738



39.7335, 29.3666, 86.0165

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.



100.1738, 75.1129, 124.5034



56.7905, 75.1129, 30.5738



73.0489, 75.1129, 194.1351

Square

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



56.7905, 75.1129, 30.5738



50.0163, 75.1129, 135.6080



88.3048, 75.1129, 171.3655



98.1277, 75.1129, 44.5030

Rectangle

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



56.7905, 75.1129, 30.5738



46.5457, 75.1129, 72.5627



88.3048, 75.1129, 171.3655



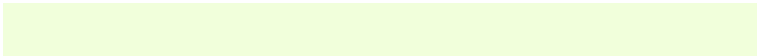
103.8038, 75.1129, 91.7578

Sweetspot

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



56.7923, 75.1162, 30.5754



84.7025, 95.2691, 81.1496



54.0259, 48.8827, 25.6576



17.8155, 20.2471, 16.5571



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.



56.7923, 75.1162, 30.5754



60.9427, 84.1950, 26.9768



44.8890, 68.9798, 30.0183



16.4674, 18.1211, 16.7795



23.3892, 37.3791, 5.9822



2.0581, 3.1675, 0.5029

Inverse Universe

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



39.7335, 29.3666, 86.0165



39.2610, 25.9751, 97.5522



55.0607, 37.2680, 86.7338



15.5037, 15.5414, 19.9043



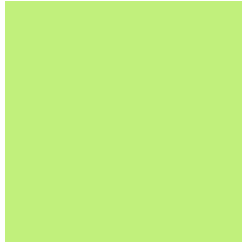
11.4645, 4.9156, 45.4724



1.0635, 0.4655, 3.7880

Previews

White Background



This preview shows how the XYZ color 56.7905, 75.1129, 30.5738 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 56.7905, 75.1129, 30.5738 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 56.7905, 75.1129, 30.5738

Background



This preview shows how black text looks on a background with the XYZ color 56.7905, 75.1129, 30.5738.



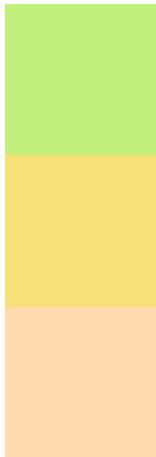
This preview shows how white text looks on a background with the XYZ color 56.7905, 75.1129,

30.5738.

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

56.7905, 75.1129, 30.5738

Protanopia

68.3432, 74.4174, 28.2147

Deuteranopia

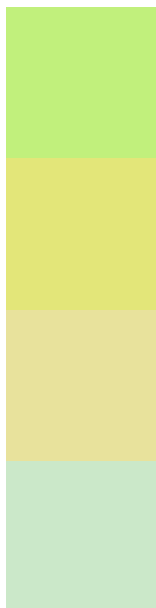
73.9514, 74.4588, 50.5187



Tritanopia

70.2450, 75.0861, 97.1770

Trichromacy



Original Color

56.7905, 75.1129, 30.5738

Protanomaly

63.4266, 74.3050, 29.0885

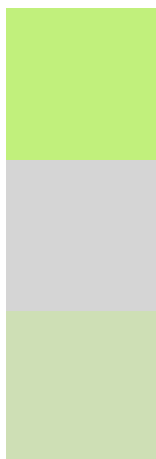
Deuteranomaly

66.4758, 73.9488, 42.2224

Tritanomaly

64.0278, 74.6268, 66.2881

Monochromacy



Original Color

56.7905, 75.1129, 30.5738

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

60.1818, 69.2334, 53.9075

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.7905, 75.1129, 30.5738 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(193, 240, 124)` looks like.

```
.text, #text, p{  
    color:rgb(193, 240, 124)  
}
```

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(193, 240, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 240, 124) }
```

Border

The CSS property to change the border of an element to XYZ 56.7905, 75.1129, 30.5738 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(193, 240, 124) }
```


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

```
.border{ border-color:rgb(193, 240, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 240, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 240, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 240, 124);  
box-shadow:4px 4px 4px 4px rgb(193, 240,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 56.7905, 75.1129, 30.5738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 240, 124) }
```

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

```
.background{ background-color: rgb(193,  
240, 124) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor