

Converting Colors

XYZ(57.0394, 76.0107, 40.7098)

Have a look what the booklet for
XYZ(57.0394, 76.0107, 40.7098)
contains.

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Color

**XYZ(57.0243, 75.8966,
40.4982)**

Conversions

Conversions Part 1

Format	Color
Hex	B8F296
RGB	184, 242, 150
RGB Percent	72%, 95%, 59%
CMY	0.2784, 0.0510, 0.4118
CMYK	0.24, 0.00, 0.38, 0.05
HSL	98°, 78%, 77%
HSV	98°, 38%, 95%
XYZ	57.0243, 75.8966, 40.4982
YIQ	214.1700, -5.0360, -40.9080

Conversions

Conversions Part 2

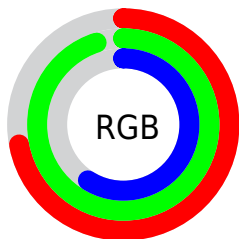
Format	Color
RYB	150, 242, 208
Decimal	12120726
CIELab	89.81, -34.38, 38.60
CIELCh	90, 51.690, 131.687
Yxy	75.8966, 0.3288, 0.4376
Android (android.graphics.Color)	4290310806 (0xFFB8F296)
YUV	214.1700, -31.6358, -26.4591
Hunter-Lab	87.1187, -35.6189, 33.4214

Details

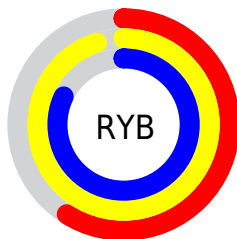
The XYZ color **57.0243, 75.8966, 40.4982** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **52.9491, 41.6357, 89.2543**, and the grayscale version is **64.2415, 67.5870, 73.6023**.

A 20% lighter version of the original color is **83.0551, 94.6286, 71.6453**, and **28.8168, 40.6668, 17.8859** is the 20% darker color. If you saturate the color by 10%, you get **51.8139, 73.4152, 31.1115**, and if you desaturate by 10%, it is **63.0353, 78.7488, 52.0261**.

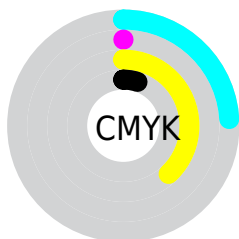
Distribution



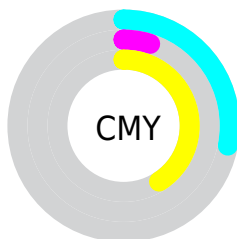
- Red (72%)
- Green (95%)
- Blue (59%)



- Red (59%)
- Yellow (95%)
- Blue (82%)



- Cyan (24%)
- Magenta (0%)
- Yellow (38%)
- Black (5%)





- Cyan (28%)
- Magenta (5%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.0243, 75.8966, 40.4982 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 57.0243, 75.8966, 40.4982 by changing the saturation by 10% instead.


 57.0243, 75.8966,
40.4982


 57.0243, 75.8966,
40.4982


403.5531,
480.9937, 363.8333

 41.2650, 56.3477,
27.6105


 99.6318, 127.5807,
77.1669

 28.7148, 40.4818,
17.7957


 127.2107,
160.4848, 101.7850

 19.0083, 27.9144,
10.6355


159.4601,
198.6093, 131.1503

 11.7804, 18.2611,
5.7112

196.7454,
242.3388, 165.6812

 6.6654, 11.1376,
2.6044

239.4321,
292.0576, 205.7965

 3.2982, 6.1595,
0.8947


287.8853,

 1.3134, 2.9423,


348.1501, 251.9146


0.0000


342.4705,
411.0006, 304.4540


 0.1932, 1.1017,
0.0000


 0.0000, 0.0000,
0.0000


 57.0243, 75.8966,
40.4982


 57.0243, 75.8966,
40.4982


 51.8139, 73.4152,
31.1115


 63.0353, 78.7488,
52.0261


 47.3609, 71.2784,
23.7290

 69.8757, 81.9771,
65.8109

 43.6264, 69.4716,
18.2057

 77.5802, 85.5993,
81.9661

 40.5650, 67.9750,
14.3749

 86.1792, 89.6288,
100.5958

■ 38.1248, 66.7662,
12.0402

■ 91.0437, 91.9874,
107.5646

■ 36.2391, 65.8167,
10.9317

■ 35.9147, 65.6525,
10.7793

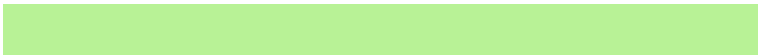
Harmonies

Analogous

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



67.2825, 75.8966, 31.1722



57.0243, 75.8966, 40.4982



51.2683, 75.8966, 62.4739

Triad

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



57.0243, 75.8966, 40.4982



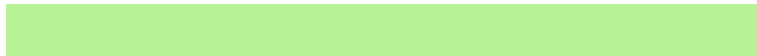
64.7020, 75.8966, 168.8694



98.9201, 75.8966, 69.2111

Complementary

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



57.0243, 75.8966, 40.4982



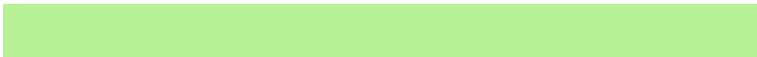
52.9491, 41.6357, 89.2543

Split Complementary

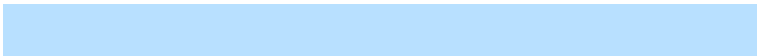
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



98.0171, 75.8966, 106.7330



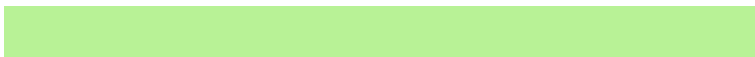
57.0243, 75.8966, 40.4982



77.2205, 75.8966, 172.2761

Square

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



57.0243, 75.8966, 40.4982



55.3275, 75.8966, 138.7097



89.7095, 75.8966, 146.9777



92.0479, 75.8966, 44.1728

Rectangle

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



57.0243, 75.8966, 40.4982



50.2937, 75.8966, 84.7233



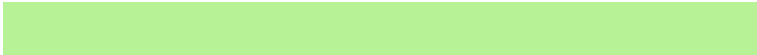
89.7095, 75.8966, 146.9777



99.5358, 75.8966, 80.5881

Sweetspot

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



57.0262, 75.8999, 40.4999



84.6487, 95.1221, 86.5358



64.3743, 65.5789, 38.1204



17.8621, 20.2396, 17.9825



0.0000, 0.0000, 0.0000



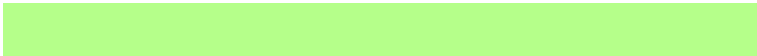
20.3446, 21.4041, 23.3091

Same Dimension

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



57.0262, 75.8999, 40.4999



59.3926, 83.1756, 36.8552



50.7417, 72.5556, 44.9267



16.1176, 17.9408, 16.7631



19.4307, 35.3384, 5.7969



1.7226, 2.9946, 0.4872

Inverse Universe

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



52.9491, 41.6357, 89.2543



54.1472, 39.2567, 99.3312



61.9887, 46.4766, 81.5063



15.8551, 15.7226, 19.9207



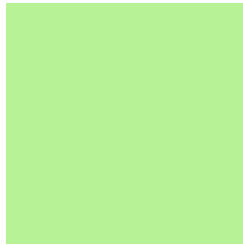
15.7797, 7.1401, 45.6744



1.4220, 0.6503, 3.8048

Previews

White Background



This preview shows how the XYZ color 57.0243, 75.8966, 40.4982 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 57.0243, 75.8966, 40.4982 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

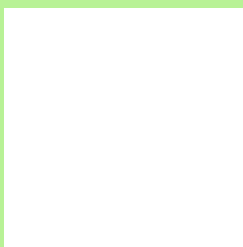
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.0243, 75.8966, 40.4982

Background



This preview shows how black text looks on a background with the XYZ color 57.0243, 75.8966, 40.4982.



This preview shows how white text looks on a background with the XYZ color 57.0243, 75.8966,

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

57.0243, 75.8966, 40.4982

Protanopia

69.5393, 75.2461, 36.8454

Deuteranopia

75.1188, 75.3419, 55.3830



Tritanopia

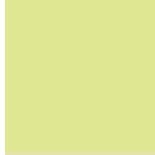
68.7933, 75.5131, 99.7566

Trichromacy



Original Color

57.0243, 75.8966, 40.4982



Protanomaly

64.1956, 74.9151, 38.2707



Deuteranomaly

67.1329, 74.5365, 49.3768



Tritanomaly

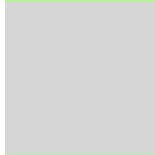
63.5546, 75.0684, 73.4273

Monochromacy



Original Color

57.0243, 75.8966, 40.4982



Achromatopsia

63.9157, 67.2443, 73.2291



Achromatomaly

60.6882, 69.7694, 59.5584

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.0243, 75.8966, 40.4982 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(184, 242, 150)` looks like.

```
.text, #text, p{  
    color:rgb(184, 242, 150)  
}
```

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(184, 242, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 242, 150) }
```

Border

The CSS property to change the border of an element to XYZ 57.0243, 75.8966, 40.4982 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(184, 242, 150) }
```


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

```
.border{ border-color:rgb(184, 242, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 242, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 242, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 242, 150);  
box-shadow:4px 4px 4px 4px rgb(184, 242,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 57.0243, 75.8966, 40.4982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 242, 150) }
```

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

```
.background{ background-color: rgb(184,  
242, 150) }
```

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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