

Converting Colors

XYZ(57.9766, 76.4792, 45.4604)

Have a look what the booklet for
XYZ(57.9766, 76.4792, 45.4604)
contains.

XYZ(57.9523, 76.2678, 45.3850)	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(57.9523, 76.2678,
45.3850)**

Conversions

Conversions Part 1

Format	Color
Hex	B8F2A1
RGB	184, 242, 161
RGB Percent	72%, 95%, 63%
CMY	0.2784, 0.0510, 0.3686
CMYK	0.24, 0.00, 0.33, 0.05
HSL	103°, 76%, 79%
HSV	103°, 33%, 95%
XYZ	57.9523, 76.2678, 45.3850
YIQ	215.4240, -8.5670, -37.4870

Conversions

Conversions Part 2

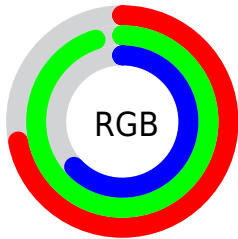
Format	Color
RYB	161, 242, 219
Decimal	12120737
CIELab	89.98, -32.84, 33.33
CIELCh	90, 46.794, 134.578
Yxy	76.2678, 0.3227, 0.4246
Android (android.graphics.Color)	4290310817 (0xFFB8F2A1)
YUV	215.4240, -26.8310, -27.5588
Hunter-Lab	87.3314, -34.3791, 30.3198

Details

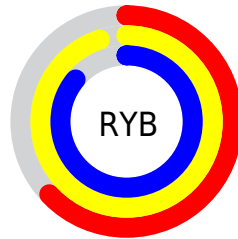
The XYZ color **57.9523, 76.2678, 45.3850** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **57.9887, 46.9629, 90.0169**, and the grayscale version is **65.0609, 68.4492, 74.5411**.

A 20% lighter version of the original color is **84.4303, 95.1786, 78.8871**, and **29.3725, 40.8891, 20.8123** is the 20% darker color. If you saturate the color by 10%, you get **52.1218, 73.4875, 35.0299**, and if you desaturate by 10%, it is **64.7084, 79.4820, 57.9425**.

Distribution



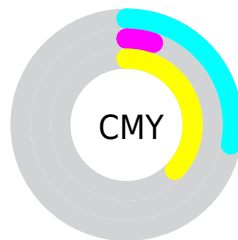
- Red (72%)
- Green (95%)
- Blue (63%)



- Red (63%)
- Yellow (95%)
- Blue (86%)



- Cyan (24%)
- Magenta (0%)
- Yellow (33%)
- Black (5%)



- Cyan (28%)
- Magenta (5%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.9523, 76.2678, 45.3850 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 57.9523, 76.2678, 45.3850 by changing the saturation by 10% instead.

57.9523, 76.2678,
45.3850

57.9523, 76.2678,
45.3850

406.9649,
482.2639, 384.5361

42.0134, 56.6521,
31.4156

100.9768,
128.1054, 84.6224

29.3029, 40.7260,
20.6544

128.7930,
161.0961, 110.7275

19.4556, 28.1051,
12.6829

161.2992,
199.3139, 141.7150

12.1059, 18.4049,
7.0824

198.8605,
243.1433, 178.0033

6.8885, 11.2411,
3.4344

241.8424,
292.9686, 220.0110

3.4382, 6.2292,
1.3205


290.6102,

1.3895, 2.9850,


349.1742, 268.1567


0.0785


345.5292,
412.1445, 322.8589


 0.2487, 1.1239,
0.0000


 0.0000, 0.0000,
0.0000


 57.9523, 76.2678,
45.3850


 57.9523, 76.2678,
45.3850

 52.1218, 73.4875,
35.0299


 64.7084, 79.4820,
57.9425


 47.1688, 71.1124,
26.7454

 72.4235, 83.1382,
72.8141

 43.0494, 69.1251,
20.3934

 81.1367, 87.2562,
90.1098

 39.7133, 67.5031,
15.8168

 90.4279, 91.6699,
107.5357

■ 37.1041, 66.2214,
12.8339

■ 91.0437, 91.9874,
107.5646

■ 35.1559, 65.2507,
11.2241

■ 34.1874, 64.7620,
10.6985

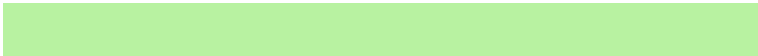
Harmonies

Analogous

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



67.0268, 76.2678, 35.3374



57.9523, 76.2678, 45.3850



53.0669, 76.2678, 67.2061

Triad

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



57.9523, 76.2678, 45.3850



66.7262, 76.2678, 160.9740



96.2572, 76.2678, 67.9981

Complementary

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



57.9523, 76.2678, 45.3850



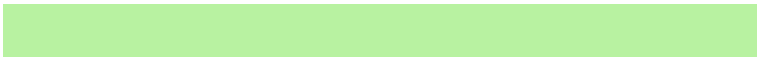
57.9887, 46.9629, 90.0169

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.



96.1545, 76.2678, 101.1900



57.9523, 76.2678, 45.3850



78.2428, 76.2678, 161.3527

Square

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



57.9523, 76.2678, 45.3850



57.7525, 76.2678, 136.3509



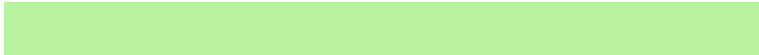
89.2764, 76.2678, 137.2785



89.5434, 76.2678, 45.8310

Rectangle

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



57.9523, 76.2678, 45.3850



52.4753, 76.2678, 88.2392



89.2764, 76.2678, 137.2785



97.0398, 76.2678, 78.0543

Sweetspot

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



57.9542, 76.2711, 45.3867



84.8111, 95.1649, 88.3939



68.0478, 71.4411, 43.9224



17.8649, 20.2329, 18.3514



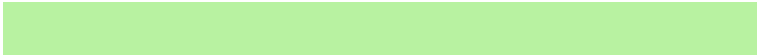
0.0000, 0.0000, 0.0000



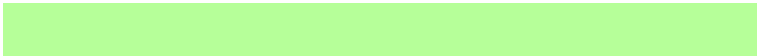
20.3446, 21.4041, 23.3091

Same Dimension

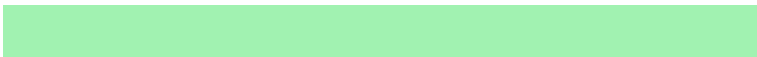
The Same Dimension uses a secret algorithm to generate beautiful new colors.



57.9542, 76.2711, 45.3867



60.7916, 83.7601, 43.1002



54.4082, 74.2671, 53.1685



15.9873, 17.8736, 16.7570



18.4803, 34.8485, 5.7524



1.6315, 2.9476, 0.4830

Inverse Universe

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



57.9887, 46.9629, 90.0169



60.8179, 46.1777, 100.3155



63.0657, 49.8491, 78.1090



15.9915, 15.7928, 19.9271



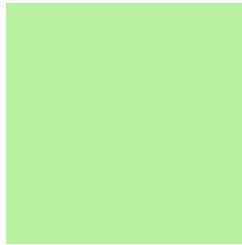
18.0433, 8.3071, 45.7803



1.5980, 0.7411, 3.8130

Previews

White Background



This preview shows how the XYZ color 57.9523, 76.2678, 45.3850 looks on a white background.

Color Contrast Check

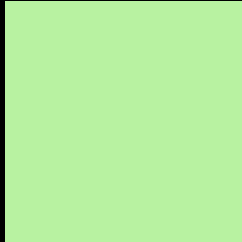
Large Text (above 18pt) WCAG AA × Fail

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 57.9523, 76.2678, 45.3850 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

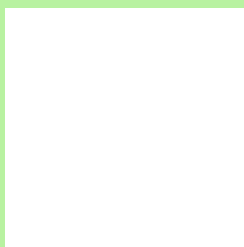
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.9523, 76.2678, 45.3850

Background



This preview shows how black text looks on a background with the XYZ color 57.9523, 76.2678, 45.3850.



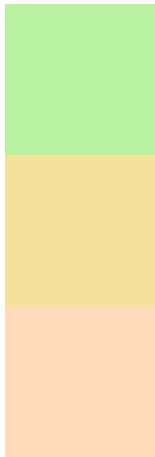
This preview shows how white text looks on a background with the XYZ color 57.9523, 76.2678,

45.3850.

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

57.9523, 76.2678, 45.3850

Protanopia

70.0662, 75.4166, 41.4358

Deuteranopia

75.5412, 75.5109, 57.6073



Tritanopia

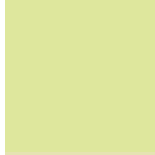
68.9635, 75.9971, 100.6567

Trichromacy



Original Color

57.9523, 76.2678, 45.3850



Protanomaly

64.7859, 75.1157, 42.9825



Deuteranomaly

67.8181, 74.8105, 52.9850



Tritanomaly

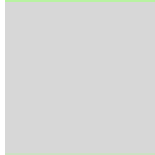
64.2250, 75.7639, 76.8845

Monochromacy



Original Color

57.9523, 76.2678, 45.3850



Achromatopsia

64.5905, 67.9542, 74.0022



Achromatomaly

61.6774, 70.6279, 62.0116

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9523, 76.2678, 45.3850 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, 161)` looks like.

```
.text, #text, p{  
    color:rgb(184, 242, 161)  
}
```

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, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 242, 161) }
```

Border

The CSS property to change the border of an element to XYZ 57.9523, 76.2678, 45.3850 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, 161) }
```


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

```
.border{ border-color:rgb(184, 242, 161) }
```

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, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 242, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 242, 161);  
box-shadow:4px 4px 4px 4px rgb(184, 242,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9523, 76.2678, 45.3850 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, 161) }
```

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

```
.background{ background-color: rgb(184,  
242, 161) }
```

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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