

Converting Colors

XYZ(60.5967, 80.1750, 52.8390)

Have a look what the booklet for
XYZ(60.5967, 80.1750, 52.8390)
contains.

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Color

**XYZ(60.5967, 80.1750,
52.8390)**

Conversions

Conversions Part 1

Format	Color
Hex	B6F8AF
RGB	182, 248, 175
RGB Percent	71%, 97%, 69%
CMY	0.2863, 0.0274, 0.3137
CMYK	0.27, 0.00, 0.29, 0.03
HSL	114°, 84%, 83%
HSV	114°, 29%, 97%
XYZ	60.5967, 80.1750, 52.8390
YIQ	219.9440, -15.9030, -36.6950

Conversions

Conversions Part 2

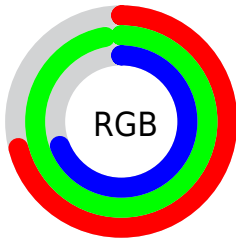
Format	Color
RYB	175, 248, 241
Decimal	11991215
CIELab	91.76, -34.16, 28.63
CIElCh	92, 44.574, 140.033
Yxy	80.1750, 0.3130, 0.4141
Android (android.graphics.Color)	4290181295 (0xFFB6F8AF)
YUV	219.9440, -22.1574, -33.2769
Hunter-Lab	89.5405, -35.8956, 27.6906

Details

The XYZ color **60.5967, 80.1750, 52.8390** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **68.5522, 56.1404, 96.0341**, and the grayscale version is **68.1479, 71.6969, 78.0779**.

A 20% lighter version of the original color is **85.7804, 95.6402, 89.5406**, and **30.8960, 43.1788, 25.1183** is the 20% darker color. If you saturate the color by 10%, you get **53.5033, 76.7767, 40.9389**, and if you desaturate by 10%, it is **68.9895, 84.1962, 67.1383**.

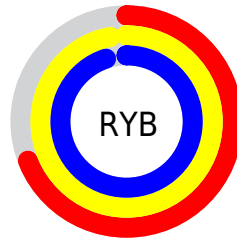
Distribution



Red (71%)

Green (97%)

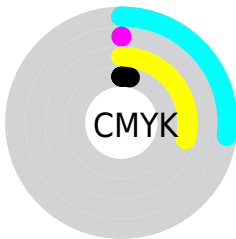
Blue (69%)



Red (69%)

Yellow (97%)

Blue (95%)

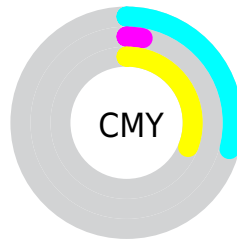


Cyan (27%)

Magenta (0%)

Yellow (29%)

Black (3%)



Cyan (29%)

Magenta (3%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.5967, 80.1750, 52.8390 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 60.5967, 80.1750, 52.8390 by changing the saturation by 10% instead.

60.5967, 80.1750,
52.8390

60.5967, 80.1750,
52.8390

416.5933,
495.5224, 414.7159

44.1511, 59.8624,
37.2874

104.7962,
133.6117, 95.8066

30.9877, 43.3077,
25.1326

133.2808,
167.5047, 124.0596

20.7413, 30.1266,
15.9559

166.5091,
206.6931, 157.3836

13.0464, 19.9347,
9.3390

204.8464,
251.5615, 196.1970

7.5377, 12.3476,
4.8631

248.6581,
302.4942, 240.9184

3.8499, 6.9809,
2.1098


298.3096,


1.6176, 3.4501,


359.8757, 291.9663


0.6216


354.1662,
424.0903, 349.7593

 0.4038, 1.3710,
0.0000


 0.0000, 0.1952,
0.0000


 60.5967, 80.1750,
52.8390

 60.5967, 80.1750,
52.8390


 53.5033, 76.7767,
40.9389


 68.9895, 84.1962,
67.1383


 47.6384, 73.9604,
31.3017

 78.7358, 88.8586,
83.9524

 42.9336, 71.6965,
23.7856

 89.8941, 94.1921,
103.3962

 39.3112, 69.9483,
18.2306

 92.8590, 95.6179,
108.1697

■ 36.6842, 68.6748,
14.4541

■ 34.9515, 67.8288,
12.2392

■ 33.9786, 67.3482,
11.2488

■ 33.9404, 67.3294,
11.2070

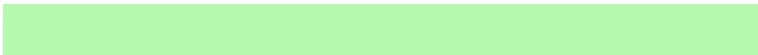
Harmonies

Analogous

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



68.9332, 80.1750, 40.5744



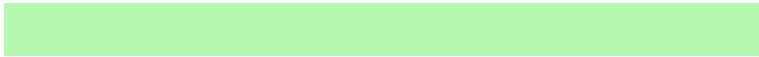
60.5967, 80.1750, 52.8390



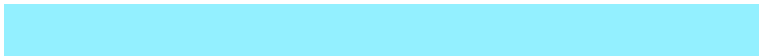
56.5750, 80.1750, 76.8678

Triad

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



60.5967, 80.1750, 52.8390



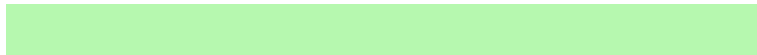
72.4696, 80.1750, 164.9499



98.7284, 80.1750, 67.4947

Complementary

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



60.5967, 80.1750, 52.8390



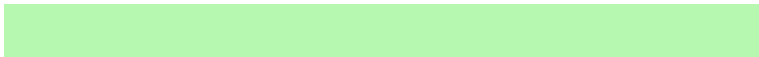
68.5522, 56.1404, 96.0341

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.



99.9171, 80.1750, 98.6292



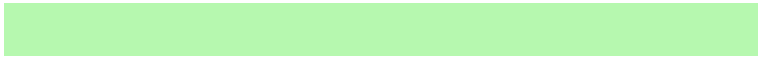
60.5967, 80.1750, 52.8390



83.9687, 80.1750, 160.6275

Square

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



60.5967, 80.1750, 52.8390



62.9630, 80.1750, 144.8457



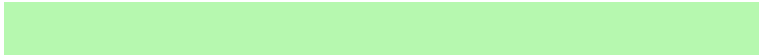
94.2843, 80.1750, 134.1932



91.1821, 80.1750, 47.4553

Rectangle

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



60.5967, 80.1750, 52.8390



56.5785, 80.1750, 98.7064



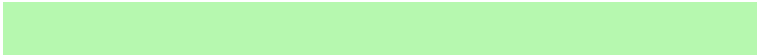
94.2843, 80.1750, 134.1932



99.9119, 80.1750, 76.8024

Sweetspot

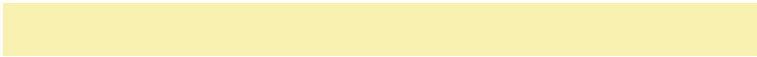
The Sweet Spot groups the original color and five complimentary colors.



60.5988, 80.1784, 52.8408



84.3465, 94.8839, 90.2501



77.8193, 85.7886, 53.0160



17.7081, 20.1438, 18.7182



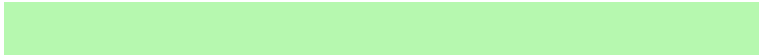
0.0000, 0.0000, 0.0000



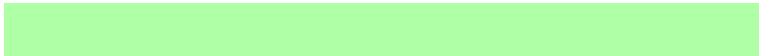
20.3446, 21.4041, 23.3091

Same Dimension

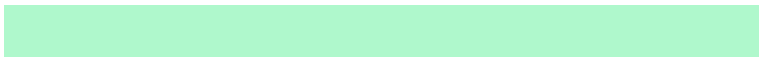
The Same Dimension uses a secret algorithm to generate beautiful new colors.



60.5988, 80.1784, 52.8408



60.1440, 83.2979, 48.8645



62.1722, 80.6216, 69.5395



17.1717, 19.3888, 18.2998



18.3843, 36.3957, 6.0561



1.7529, 3.3967, 0.5633

Inverse Universe

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



68.5522, 56.1404, 96.0341



69.8026, 54.0747, 101.3662



66.8040, 55.7224, 74.1172



17.8194, 17.4350, 21.8114



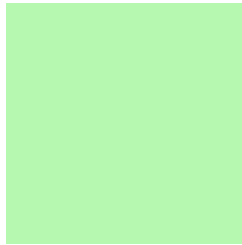
25.8623, 12.2752, 48.9798



2.4415, 1.1607, 4.5385

Previews

White Background



This preview shows how the XYZ color 60.5967, 80.1750, 52.8390 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 60.5967, 80.1750, 52.8390 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

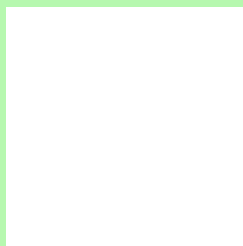
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.5967, 80.1750, 52.8390

Background



This preview shows how black text looks on a background with the XYZ color 60.5967, 80.1750, 52.8390.



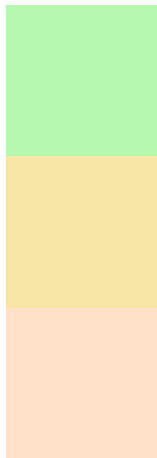
This preview shows how white text looks on a background with the XYZ color 60.5967, 80.1750,

52.8390.

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

60.5967, 80.1750, 52.8390

Protanopia

73.9833, 79.3401, 47.9741

Deuteranopia

78.8259, 79.3747, 67.0434



Tritanopia

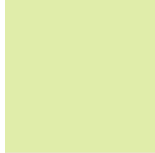
71.8874, 79.9305, 106.2470

Trichromacy



Original Color

60.5967, 80.1750, 52.8390



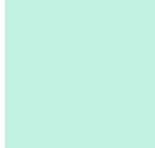
Protanomaly

68.2804, 79.3179, 49.7413



Deuteranomaly

70.6482, 78.5776, 61.3126



Tritanomaly

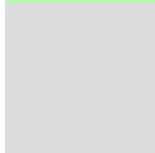
67.1751, 79.7390, 83.8022

Monochromacy



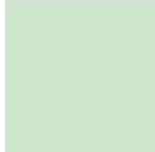
Original Color

60.5967, 80.1750, 52.8390



Achromatopsia

68.0267, 71.5694, 77.9390



Achromatomaly

64.6495, 74.0751, 68.0173

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.5967, 80.1750, 52.8390 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(182, 248, 175)` looks like.

```
.text, #text, p{  
    color:rgb(182, 248, 175)  
}
```

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(182, 248, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 248, 175) }
```

Border

The CSS property to change the border of an element to XYZ 60.5967, 80.1750, 52.8390 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(182, 248, 175) }
```


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

```
.border{ border-color:rgb(182, 248, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 248, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 248, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 248, 175);  
box-shadow:4px 4px 4px 4px rgb(182, 248,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 60.5967, 80.1750, 52.8390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 248, 175) }
```

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

```
.background{ background-color: rgb(182,  
248, 175) }
```

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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