

Converting Colors

XYZ(60.5882, 77.3579, 57.7493)

Have a look what the booklet for
XYZ(60.5882, 77.3579, 57.7493)
contains.

XYZ(60.5167, 77.3213, 57.6339)	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(60.5167, 77.3213,
57.6339)**

Conversions

Conversions Part 1

Format	Color
Hex	B9F2B9
RGB	185, 242, 185
RGB Percent	73%, 95%, 73%
CMY	0.2745, 0.0510, 0.2745
CMYK	0.24, 0.00, 0.24, 0.05
HSL	120°, 69%, 84%
HSV	120°, 24%, 95%
XYZ	60.5167, 77.3213, 57.6339
YIQ	218.4590, -15.6750, -29.8110

Conversions

Conversions Part 2

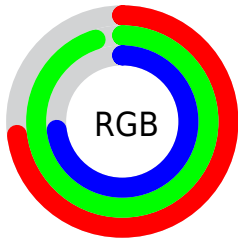
Format	Color
RYB	185, 242, 242
Decimal	12186297
CIELab	90.47, -28.77, 21.78
CIELCh	90, 36.089, 142.872
Yxy	77.3213, 0.3096, 0.3956
Android (android.graphics.Color)	4290376377 (0xFFB9F2B9)
YUV	218.4590, -16.4953, -29.3435
Hunter-Lab	87.9325, -31.0351, 22.6921

Details

The XYZ color **60.5167, 77.3213, 57.6339** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **69.9966, 59.9877, 91.8973**, and the grayscale version is **67.0773, 70.5706, 76.8514**.

A 20% lighter version of the original color is **88.2551, 96.7481, 97.2418**, and **31.0838, 41.6090, 28.2229** is the 20% darker color. If you saturate the color by 10%, you get **52.8270, 73.6299, 45.0544**, and if you desaturate by 10%, it is **69.6390, 81.7055, 72.5534**.

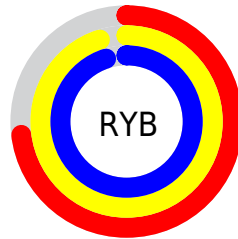
Distribution



Red (73%)

Green (95%)

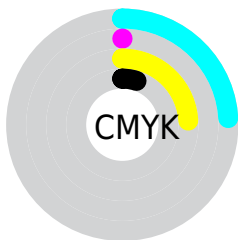
Blue (73%)



Red (73%)

Yellow (95%)

Blue (95%)

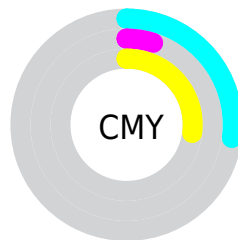


Cyan (24%)

Magenta (0%)

Yellow (24%)

Black (5%)



Cyan (27%)

Magenta (5%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.5167, 77.3213, 57.6339 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 60.5167, 77.3213, 57.6339 by changing the saturation by 10% instead.

60.5167, 77.3213,
57.6339

60.5167, 77.3213,
57.6339

416.3040,
485.8588, 433.3805

44.0863, 57.5166,
41.1016

104.6809,
129.5929, 102.8990

30.9366, 41.4202,
28.0782

133.1455,
162.8287, 132.4690

20.7021, 28.6475,
18.1451

166.3521,
201.3102, 167.2220

13.0177, 18.8143,
10.8837

204.6662,
245.4219, 207.5765

7.5178, 11.5362,
5.8755

248.4530,
295.5483, 253.9510

3.8372, 6.4287,
2.7019


298.0780,


1.6104, 3.1075,


352.0736, 306.7642


0.9444


353.9066,
415.3823, 366.4345


 0.3992, 1.1881,
0.0000


 0.0000, 0.0520,
0.0000


 60.5167, 77.3213,
57.6339


 60.5167, 77.3213,
57.6339

 52.8270, 73.6299,
45.0544


 69.6390, 81.7055,
72.5534

 46.4916, 70.5866,
34.6916

 80.2550, 86.8049,
89.9178

 41.4338, 68.1571,
26.4186

 91.0436, 91.9872,
107.5645

 37.5668, 66.2996,
20.0934

■ 34.7934, 64.9674,
15.5568

■ 33.0005, 64.1062,
12.6242

■ 32.0511, 63.6501,
11.0712

■ 31.7536, 63.5072,
10.5846

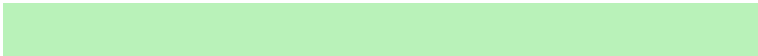
Harmonies

Analogous

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



66.9566, 77.3213, 46.2257



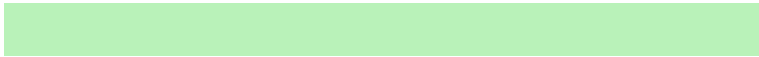
60.5167, 77.3213, 57.6339



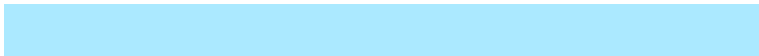
57.5950, 77.3213, 78.1772

Triad

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



60.5167, 77.3213, 57.6339



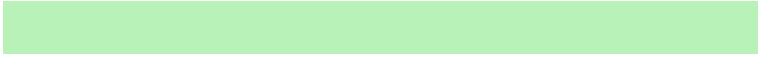
71.3610, 77.3213, 143.6980



90.6520, 77.3213, 66.3274

Complementary

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



60.5167, 77.3213, 57.6339



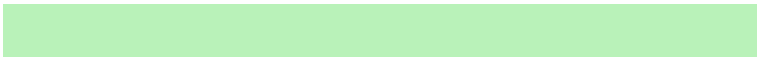
69.9966, 59.9877, 91.8973

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.



92.0731, 77.3213, 90.5030



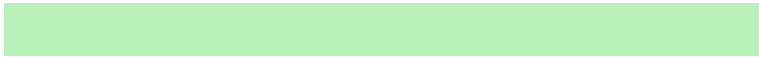
60.5167, 77.3213, 57.6339



80.4385, 77.3213, 138.7287

Square

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



60.5167, 77.3213, 57.6339



63.5152, 77.3213, 130.3089



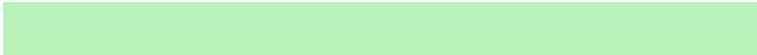
88.1999, 77.3213, 117.8590



84.4615, 77.3213, 50.4816

Rectangle

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



60.5167, 77.3213, 57.6339



57.8518, 77.3213, 95.7430



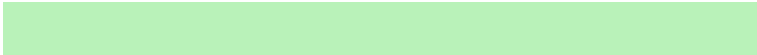
88.1999, 77.3213, 117.8590



91.7229, 77.3213, 73.6054

Sweetspot

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



60.5187, 77.3246, 57.6356



86.0432, 95.6736, 94.1678



77.1304, 85.8882, 58.4126



18.2592, 20.4024, 19.8980



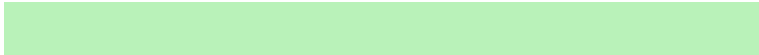
0.0000, 0.0000, 0.0000



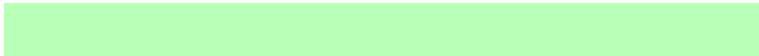
20.3446, 21.4041, 23.3091

Same Dimension

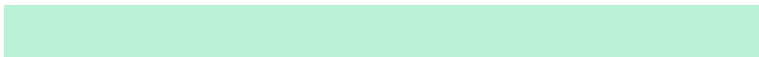
The Same Dimension uses a secret algorithm to generate beautiful new colors.



60.5187, 77.3246, 57.6356



64.0414, 85.1050, 58.1799



63.8358, 78.6514, 75.1029



15.5660, 17.6564, 16.7374



17.0575, 34.1150, 5.6859



1.4190, 2.8381, 0.4730

Inverse Universe

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



69.9966, 59.9877, 91.8973



76.3474, 62.5950, 102.6651



66.0432, 58.4064, 71.0789



16.4543, 16.0314, 19.9487



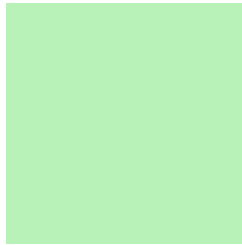
28.2811, 13.5849, 46.2582



2.3527, 1.1301, 3.8483

Previews

White Background



This preview shows how the XYZ color 60.5167, 77.3213, 57.6339 looks on a white background.

Color Contrast Check

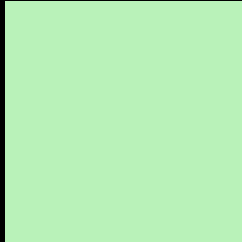
Large Text (above 18pt) WCAG AA × Fail

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 60.5167, 77.3213, 57.6339 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 60.5167, 77.3213, 57.6339

Background



This preview shows how black text looks on a background with the XYZ color 60.5167, 77.3213, 57.6339.



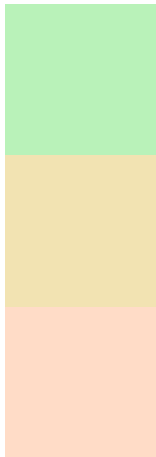
This preview shows how white text looks on a background with the XYZ color 60.5167, 77.3213,

57.6339.

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

60.5167, 77.3213, 57.6339

Protanopia

72.1229, 77.0298, 53.1864

Deuteranopia

77.1420, 76.5699, 64.7465



Tritanopia

69.7356, 77.1764, 103.3165

Trichromacy



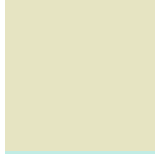
Original Color

60.5167, 77.3213, 57.6339



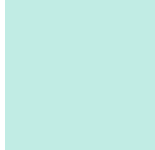
Protanomaly

67.0159, 76.4216, 54.9348



Deuteranomaly

70.1141, 76.2048, 62.0525



Tritanomaly

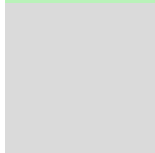
65.9914, 76.9298, 84.7696

Monochromacy



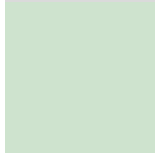
Original Color

60.5167, 77.3213, 57.6339



Achromatopsia

66.6397, 70.1102, 76.3500



Achromatomaly

64.0633, 72.5162, 69.0131

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.5167, 77.3213, 57.6339 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(185, 242, 185)` looks like.

```
.text, #text, p{  
    color:rgb(185, 242, 185)  
}
```

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(185, 242, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 242, 185) }
```

Border

The CSS property to change the border of an element to XYZ 60.5167, 77.3213, 57.6339 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(185, 242, 185) }
```


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

```
.border{ border-color:rgb(185, 242, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 242, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 242, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 242, 185);  
box-shadow:4px 4px 4px 4px rgb(185, 242,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 60.5167, 77.3213, 57.6339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 242, 185) }
```

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

```
.background{ background-color: rgb(185,  
242, 185) }
```

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