

Converting Colors

XYZ(60.9211, 77.4333, 59.0429)

Have a look what the booklet for
XYZ(60.9211, 77.4333, 59.0429)
contains.

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Color

**XYZ(61.0789, 77.5742,
59.3311)**

Conversions

Conversions Part 1

Format	Color
Hex	BAF2BC
RGB	186, 242, 188
RGB Percent	73%, 95%, 74%
CMY	0.2706, 0.0510, 0.2627
CMYK	0.23, 0.00, 0.22, 0.05
HSL	122°, 68%, 84%
HSV	122°, 23%, 95%
XYZ	61.0789, 77.5742, 59.3311
YIQ	219.1000, -16.0420, -28.6660

Conversions

Conversions Part 2

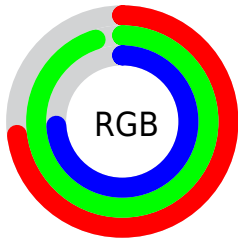
Format	Color
R _{YB}	186, 240, 242
Decimal	12251836
CIE Lab	90.59, -27.95, 20.41
CIE LCh	91, 34.606, 143.856
Yxy	77.5742, 0.3085, 0.3918
Android (android.graphics.Color)	4290441916 (0xFFBAF2BC)
YUV	219.1000, -15.3323, -29.0287
Hunter-Lab	88.0762, -30.3476, 21.7136

Details

The XYZ color **61.0789, 77.5742, 59.3311** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **69.9076, 60.2879, 90.3935**, and the grayscale version is **67.5141, 71.0300, 77.3517**.

A 20% lighter version of the original color is **89.0513, 97.1063, 99.6378**, and **31.4478, 41.7726, 29.3271** is the 20% darker color. If you saturate the color by 10%, you get **53.3747, 73.8723, 46.8839**, and if you desaturate by 10%, it is **70.1897, 81.9587, 73.9706**.

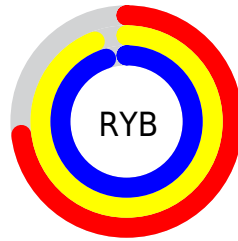
Distribution



Red (73%)

Green (95%)

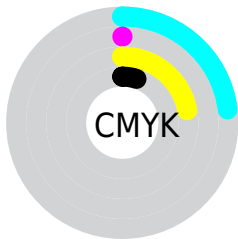
Blue (74%)



Red (73%)

Yellow (94%)

Blue (95%)

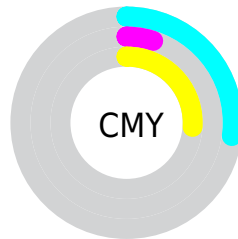


Cyan (23%)

Magenta (0%)

Yellow (22%)

Black (5%)



Cyan (27%)


Magenta (5%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.0789, 77.5742, 59.3311 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 61.0789, 77.5742, 59.3311 by changing the saturation by 10% instead.


 61.0789, 77.5742,
59.3311

 61.0789, 77.5742,
59.3311


418.3345,
486.7196, 439.8638

 44.5416, 57.7243,
42.4579


 105.4906,
129.9497, 105.3926

 31.2963, 41.5870,
29.1318


134.0958,
163.2441, 135.4180

 20.9775, 28.7781,
18.9341


167.4543,
201.7887, 170.6646

 13.2199, 18.9130,
11.4463

205.9315,
245.9680, 211.5508

 7.6582, 11.6074,
6.2500

249.8928,
296.1663, 258.4954

 3.9270, 6.4770,
2.9264

299.7035,

 1.6609, 3.1372,

352.7681, 311.9167

1.0572

355.7290,
416.1577, 372.2333

■ 0.4316, 1.2038,
0.0000

■ 0.0000, 0.0648,
0.0000

■ 61.0789, 77.5742,
59.3311

■ 61.0789, 77.5742,
59.3311

■ 53.3747, 73.8723,
46.8839

■ 70.1897, 81.9587,
73.9706

■ 47.0012, 70.8095,
36.5188

■ 80.7658, 87.0472,
90.8954

■ 41.8849, 68.3525,
28.1237

■ 91.0437, 91.9873,
107.5646

■ 37.9427, 66.4611,
21.5738

■ 35.0813, 65.0902,
16.7304

■ 33.1933, 64.1879,
13.4350

■ 32.1494, 63.6915,
11.4994

■ 31.8010, 63.5263,
10.8340

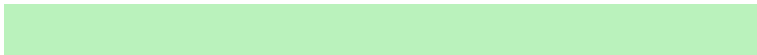
Harmonies

Analogous

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



67.1965, 77.5742, 47.9090



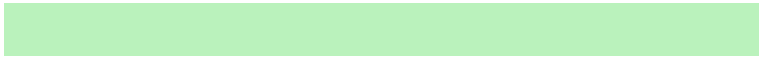
61.0789, 77.5742, 59.3311



58.3758, 77.5742, 79.4606

Triad

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



61.0789, 77.5742, 59.3311



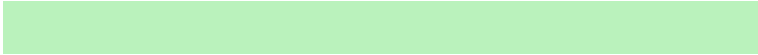
71.9632, 77.5742, 141.3457



90.0438, 77.5742, 66.5985

Complementary

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



61.0789, 77.5742, 59.3311



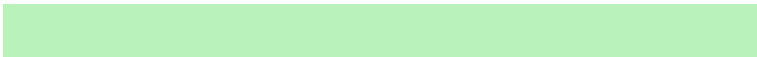
69.9076, 60.2879, 90.3935

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.



91.5694, 77.5742, 89.6754



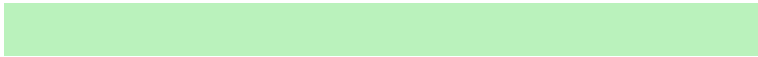
61.0789, 77.5742, 59.3311



80.6780, 77.5742, 136.0530

Square

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



61.0789, 77.5742, 59.3311



64.3349, 77.5742, 129.1558



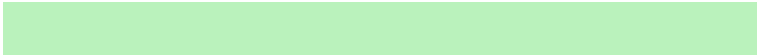
88.0219, 77.5742, 115.8510



84.0022, 77.5742, 51.4941

Rectangle

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



61.0789, 77.5742, 59.3311



58.7095, 77.5742, 96.4161



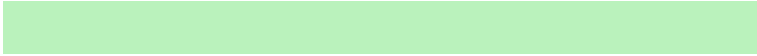
88.0219, 77.5742, 115.8510



91.1205, 77.5742, 73.5449

Sweetspot

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



61.0810, 77.5775, 59.3328



86.1366, 95.7109, 94.6597



76.5989, 85.6020, 58.9406



18.2807, 20.4110, 20.0114



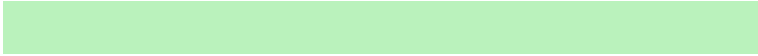
0.0000, 0.0000, 0.0000



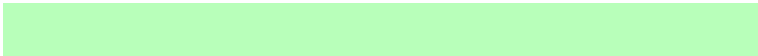
20.3446, 21.4041, 23.3091

Same Dimension

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



61.0810, 77.5775, 59.3328



64.3105, 85.2126, 59.5968



64.3815, 78.8977, 76.7131



15.5888, 17.6655, 16.8575



17.0935, 34.1294, 5.8751



1.4300, 2.8424, 0.5308

Inverse Universe

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



69.9076, 60.2879, 90.3935



75.9394, 62.4318, 100.5169



66.0797, 58.7568, 70.2360



16.4284, 16.0211, 19.8124



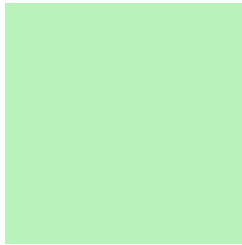
27.6113, 13.3169, 42.7310



2.3046, 1.1109, 3.5948

Previews

White Background



This preview shows how the XYZ color 61.0789, 77.5742, 59.3311 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 61.0789, 77.5742, 59.3311 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

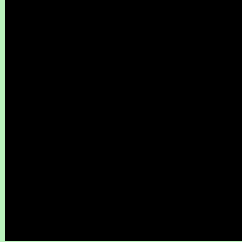
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.0789, 77.5742, 59.3311

Background



This preview shows how black text looks on a background with the XYZ color 61.0789, 77.5742, 59.3311.



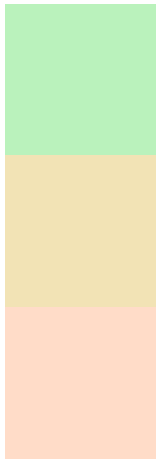
This preview shows how white text looks on a background with the XYZ color 61.0789, 77.5742,

59.3311.

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
61.0789, 77.5742, 59.3311
Protanopia
72.4275, 77.1516, 54.7905
Deuteranopia
77.2585, 76.6165, 65.3601



Tritanopia

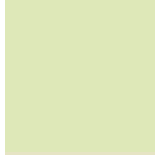
69.7356, 77.1764, 103.3165

Trichromacy



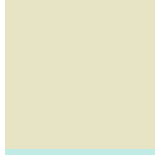
Original Color

61.0789, 77.5742, 59.3311



Protanomaly

67.6325, 76.7035, 56.5880



Deuteranomaly

70.3403, 76.2953, 63.2437



Tritanomaly

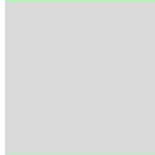
66.1306, 76.9855, 85.5030

Monochromacy



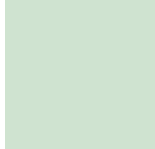
Original Color

61.0789, 77.5742, 59.3311



Achromatopsia

67.3311, 70.8376, 77.1421



Achromatomaly

64.5864, 72.7576, 70.3141

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.0789, 77.5742, 59.3311 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(186, 242, 188)` looks like.

```
.text, #text, p{  
    color:rgb(186, 242, 188)  
}
```

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(186, 242, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 242, 188) }
```

Border

The CSS property to change the border of an element to XYZ 61.0789, 77.5742, 59.3311 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(186, 242, 188) }
```


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

```
.border{ border-color:rgb(186, 242, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 242, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 242, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 242, 188);  
box-shadow:4px 4px 4px 4px rgb(186, 242,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 61.0789, 77.5742, 59.3311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 242, 188) }
```

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

```
.background{ background-color: rgb(186,  
242, 188) }
```

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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