

Converting Colors

XYZ(60.9649, 80.7451, 48.0835)

Have a look what the booklet for
XYZ(60.9649, 80.7451, 48.0835)
contains.

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Color

**XYZ(61.1607, 81.0328,
48.0147)**

Conversions

Conversions Part 1

Format	Color
Hex	BBF9A5
RGB	187, 249, 165
RGB Percent	73%, 98%, 65%
CMY	0.2667, 0.0235, 0.3529
CMYK	0.25, 0.00, 0.34, 0.02
HSL	104°, 88%, 81%
HSV	104°, 34%, 98%
XYZ	61.1607, 81.0328, 48.0147
YIQ	220.8860, -9.9880, -39.2680

Conversions

Conversions Part 2

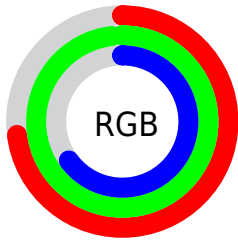
Format	Color
RYB	165, 249, 227
Decimal	12319141
CIELab	92.15, -34.48, 34.23
CIELCh	92, 48.586, 135.211
Yxy	81.0328, 0.3215, 0.4260
Android (android.graphics.Color)	4290509221 (0xFFBBF9A5)
YUV	220.8860, -27.5518, -29.7180
Hunter-Lab	90.0182, -36.2544, 31.3881

Details

The XYZ color **61.1607, 81.0328, 48.0147** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **62.2362, 50.0832, 96.0138**, and the grayscale version is **68.8413, 72.4264, 78.8723**.

A 20% lighter version of the original color is **86.1194, 95.9736, 82.3924**, and **31.2900, 43.7747, 22.1294** is the 20% darker color. If you saturate the color by 10%, you get **54.8994, 78.0443, 37.0210**, and if you desaturate by 10%, it is **68.4429, 84.5015, 61.3628**.

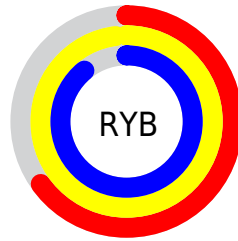
Distribution



Red (73%)

Green (98%)

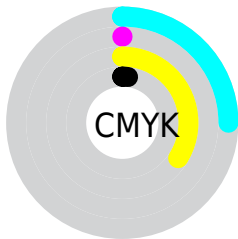
Blue (65%)



Red (65%)

Yellow (98%)

Blue (89%)

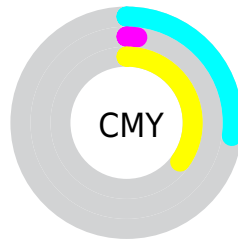


Cyan (25%)

Magenta (0%)

Yellow (34%)

Black (2%)



Cyan (27%)


Magenta (2%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.1607, 81.0328, 48.0147 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 61.1607, 81.0328, 48.0147 by changing the saturation by 10% instead.


 61.1607, 81.0328,
48.0147


 61.1607, 81.0328,
48.0147


418.6295,
498.4067, 395.3608

 44.6079, 60.5686,
33.4785

 105.6084,
134.8168, 88.5921

 31.3487, 43.8771,
22.2191


 134.2340,
168.9054, 115.4703

 21.0176, 30.5739,
13.8181


167.6145,
208.3043, 147.2995

 13.2494, 20.2746,
7.8570

206.1154,
253.3979, 184.4984

 7.6787, 12.5948,
3.9171

250.1020,
304.5705, 227.4854

 3.9401, 7.1501,
1.5800


299.9397,


 1.6683, 3.5562,


362.2066, 276.6791


0.2765


355.9937,
426.6905, 332.4981


 0.4363, 1.4285,
0.0000


 0.0000, 0.2376,
0.0000


 61.1607, 81.0328,
48.0147


 61.1607, 81.0328,
48.0147


 54.8994, 78.0443,
37.0210


 68.4429, 84.5015,
61.3628


 49.6055, 75.5041,
28.2398

 76.7840, 88.4599,
77.1853

 45.2297, 73.3924,
21.5224

 86.2276, 92.9304,
95.6005

 41.7153, 71.6837,
16.6998

 93.1674, 96.2347,
108.2725

■ 38.9988, 70.3497,
13.5757

■ 37.0061, 69.3572,
11.9115

■ 36.0711, 68.8856,
11.3951

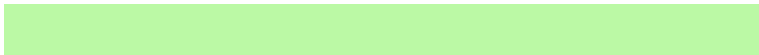
Harmonies

Analogous

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



70.8718, 81.0328, 37.0081



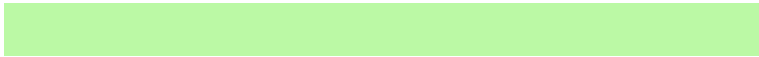
61.1607, 81.0328, 48.0147



56.0020, 81.0328, 71.7702

Triad

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



61.1607, 81.0328, 48.0147



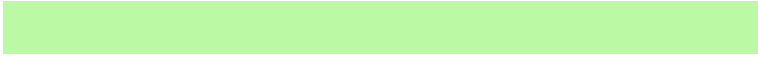
71.0339, 81.0328, 173.1292



102.6740, 81.0328, 71.3438

Complementary

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



61.1607, 81.0328, 48.0147



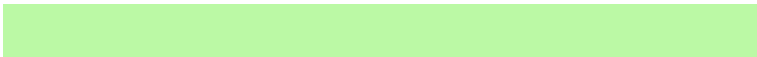
62.2362, 50.0832, 96.0138

Split Complementary

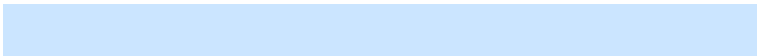
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



102.7296, 81.0328, 107.0337



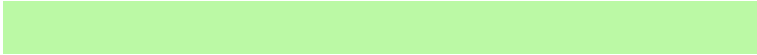
61.1607, 81.0328, 48.0147



83.5123, 81.0328, 172.9233

Square

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



61.1607, 81.0328, 48.0147



61.2683, 81.0328, 146.7903



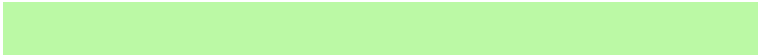
95.4064, 81.0328, 146.2868



95.2619, 81.0328, 47.7758

Rectangle

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



61.1607, 81.0328, 48.0147



55.4393, 81.0328, 94.6444



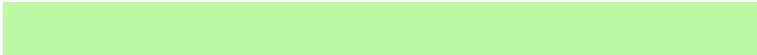
95.4064, 81.0328, 146.2868



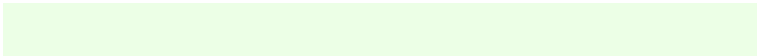
103.5780, 81.0328, 82.1139

Sweetspot

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



61.1628, 81.0363, 48.0165



84.6239, 95.0684, 88.3852



73.2217, 77.5796, 46.7137



17.8199, 20.2097, 18.3493



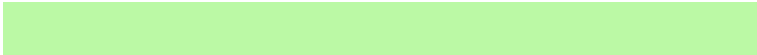
0.0000, 0.0000, 0.0000



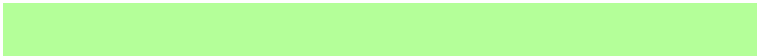
20.3446, 21.4041, 23.3091

Same Dimension

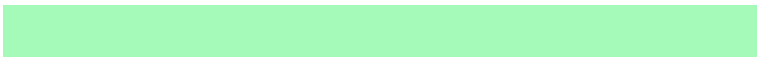
The Same Dimension uses a secret algorithm to generate beautiful new colors.



61.1628, 81.0363, 48.0165



60.2649, 83.4885, 43.0756



58.1101, 79.2404, 57.9118



17.4436, 19.5289, 18.3125



19.4199, 36.9296, 6.1046



1.8936, 3.4693, 0.5698

Inverse Universe

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



62.2362, 50.0832, 96.0138



61.5279, 46.5438, 100.3487



66.7239, 52.7317, 81.0869



17.5235, 17.2825, 21.7976



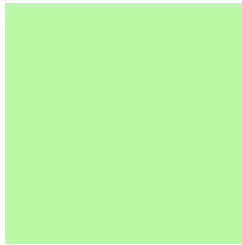
19.8478, 9.1746, 48.6983



1.9375, 0.9009, 4.5150

Previews

White Background



This preview shows how the XYZ color 61.1607, 81.0328, 48.0147 looks on a white background.

Color Contrast Check

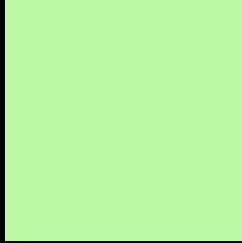
Large Text (above 18pt) WCAG AA × Fail

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 61.1607, 81.0328, 48.0147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

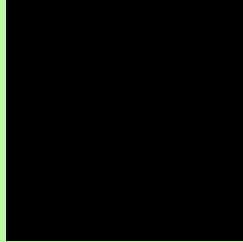
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.1607, 81.0328, 48.0147

Background



This preview shows how black text looks on a background with the XYZ color 61.1607, 81.0328, 48.0147.

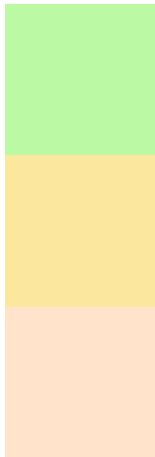


This preview shows how white text looks on a background with the XYZ color 61.1607, 81.0328,

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

61.1607, 81.0328, 48.0147

Protanopia

74.8118, 80.6911, 43.9797

Deuteranopia

79.3698, 80.4624, 67.2247



Tritanopia

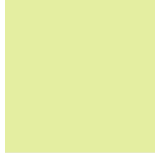
73.2360, 80.6257, 106.3101

Trichromacy



Original Color

61.1607, 81.0328, 48.0147



Protanomaly

69.0025, 80.2163, 45.5647



Deuteranomaly

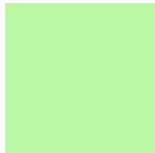
71.5268, 79.9138, 59.7992



Tritanomaly

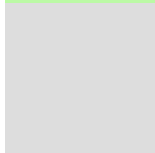
67.9288, 80.1903, 81.0053

Monochromacy



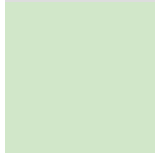
Original Color

61.1607, 81.0328, 48.0147



Achromatopsia

68.7264, 72.3055, 78.7407



Achromatomaly

65.4130, 74.9242, 66.2725

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.1607, 81.0328, 48.0147 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(187, 249, 165)` looks like.

```
.text, #text, p{  
    color:rgb(187, 249, 165)  
}
```

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(187, 249, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 249, 165) }
```

Border

The CSS property to change the border of an element to XYZ 61.1607, 81.0328, 48.0147 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(187, 249, 165) }
```


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

```
.border{ border-color:rgb(187, 249, 165) }
```

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

Here you see how a box with a 4 pixel rgb(187, 249, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 249, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 249, 165);  
box-shadow:4px 4px 4px 4px rgb(187, 249,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 61.1607, 81.0328, 48.0147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 249, 165) }
```

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

```
.background{ background-color: rgb(187,  
249, 165) }
```

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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