

Converting Colors

XYZ(61.0716, 81.4220, 47.2428)

Have a look what the booklet for
XYZ(61.0716, 81.4220, 47.2428)
contains.

XYZ(61.0462, 81.4547, 47.1552)	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(61.0462, 81.4547,
47.1552)**

Conversions

Conversions Part 1

Format	Color
Hex	BAFAA3
RGB	186, 250, 163
RGB Percent	73%, 98%, 64%
CMY	0.2706, 0.0196, 0.3608
CMYK	0.26, 0.00, 0.35, 0.02
HSL	104°, 90%, 81%
HSV	104°, 35%, 98%
XYZ	61.0462, 81.4547, 47.1552
YIQ	220.9460, -10.2170, -40.6250

Conversions

Conversions Part 2

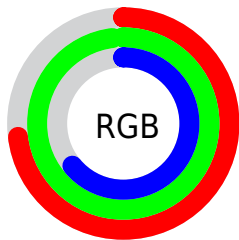
Format	Color
RYB	163, 250, 227
Decimal	12253859
CIELab	92.33, -35.56, 35.47
CIElCh	92, 50.222, 135.075
Yxy	81.4547, 0.3219, 0.4295
Android (android.graphics.Color)	4290443939 (0xFFBAFAA3)
YUV	220.9460, -28.5674, -30.6476
Hunter-Lab	90.2523, -37.2049, 32.1986

Details

The XYZ color **61.0462, 81.4547, 47.1552** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **62.0346, 49.4298, 96.7182**, and the grayscale version is **68.8905, 72.4782, 78.9287**.

A 20% lighter version of the original color is **85.5083, 95.6892, 80.9809**, and **31.2445, 44.0910, 21.6155** is the 20% darker color. If you saturate the color by 10%, you get **54.8402, 78.4916, 36.3056**, and if you desaturate by 10%, it is **68.2744, 84.8985, 60.3673**.

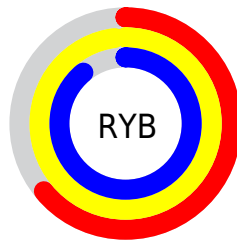
Distribution



Red (73%)

Green (98%)

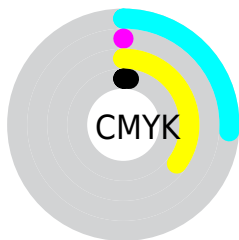
Blue (64%)



Red (64%)

Yellow (98%)

Blue (89%)

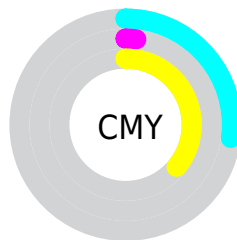


Cyan (26%)

Magenta (0%)

Yellow (35%)

Black (2%)



Cyan (27%)

Magenta (2%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.0462, 81.4547, 47.1552 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 61.0462, 81.4547, 47.1552 by changing the saturation by 10% instead.

61.0462, 81.4547,
47.1552

61.0462, 81.4547,
47.1552

418.2166,
499.8219, 391.8454

44.5151, 60.9162,
32.8031

105.4436,
135.4090, 87.2976

31.2753, 44.1575,
21.7058

134.0406,
169.5936, 113.9251

20.9615, 30.7944,
13.4446

167.3903,
209.0957, 145.4815

13.2081, 20.4423,
7.6011

205.8580,
254.2996, 182.3852

7.6500, 12.7170,
3.7567

249.8092,
305.5898, 225.0550

3.9217, 7.2339,
1.4928

299.6091,

1.6580, 3.6088,

363.3506, 273.9092

0.2126

355.6231,
427.9665, 329.3665

0.4297, 1.4572,
0.0000

0.0000, 0.2583,
0.0000

61.0462, 81.4547,
47.1552

61.0462, 81.4547,
47.1552

54.8402, 78.4916,
36.3056

68.2744, 84.8985,
60.3673

49.6021, 75.9768,
27.6739

76.5631, 88.8326,
76.0644

45.2818, 73.8905,
21.1084

85.9565, 93.2797,
94.3666

41.8218, 72.2067,
16.4357

93.4773, 96.8546,
108.3758

■ 39.1574, 70.8964,
13.4543

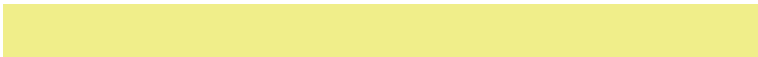
■ 37.2126, 69.9258,
11.9165

■ 36.4398, 69.5358,
11.5012

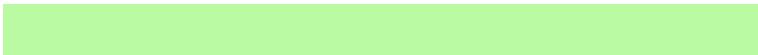
Harmonies

Analogous

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



71.1033, 81.4547, 35.9940



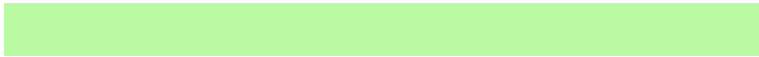
61.0462, 81.4547, 47.1552



55.7045, 81.4547, 71.5114

Triad

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



61.0462, 81.4547, 47.1552



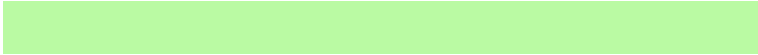
71.1632, 81.4547, 177.3331



104.1322, 81.4547, 71.3544

Complementary

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



61.0462, 81.4547, 47.1552



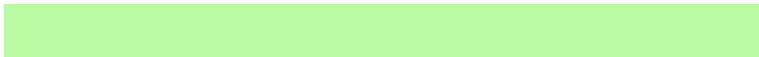
62.0346, 49.4298, 96.7182

Split Complementary

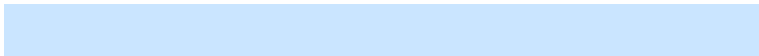
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



104.1529, 81.4547, 108.4212



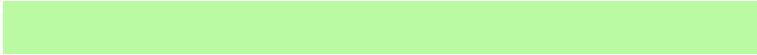
61.0462, 81.4547, 47.1552



84.1006, 81.4547, 177.2560

Square

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



61.0462, 81.4547, 47.1552



61.0858, 81.4547, 149.5988



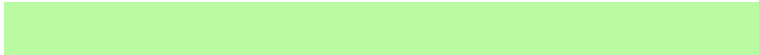
96.4880, 81.4547, 149.4108



96.4343, 81.4547, 47.0681

Rectangle

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



61.0462, 81.4547, 47.1552



55.1086, 81.4547, 95.1707



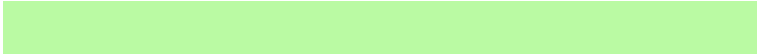
96.4880, 81.4547, 149.4108



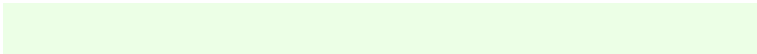
105.0632, 81.4547, 82.5110

Sweetspot

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



61.0483, 81.4582, 47.1570



84.6448, 95.0792, 88.3862



73.4530, 77.8008, 45.7972



17.8249, 20.2123, 18.3496



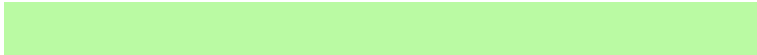
0.0000, 0.0000, 0.0000



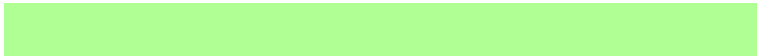
20.3446, 21.4041, 23.3091

Same Dimension

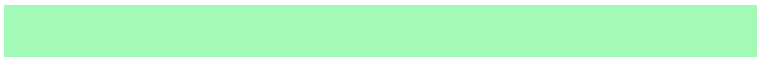
The Same Dimension uses a secret algorithm to generate beautiful new colors.



61.0483, 81.4582, 47.1570



59.0496, 82.9096, 40.8664



57.8709, 79.5929, 57.2783



17.4476, 19.5310, 18.3127



19.4426, 36.9413, 6.1057



1.8962, 3.4706, 0.5700

Inverse Universe

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



62.0346, 49.4298, 96.7182



60.2049, 44.6489, 100.0527



66.7654, 52.2169, 81.2056



17.5191, 17.2803, 21.7974



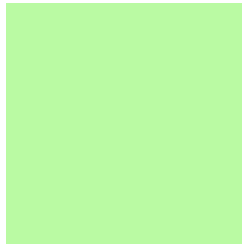
19.7701, 9.1345, 48.6947



1.9309, 0.8975, 4.5146

Previews

White Background



This preview shows how the XYZ color 61.0462, 81.4547, 47.1552 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 61.0462, 81.4547, 47.1552 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

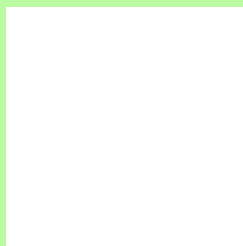
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.0462, 81.4547, 47.1552

Background



This preview shows how black text looks on a background with the XYZ color 61.0462, 81.4547, 47.1552.



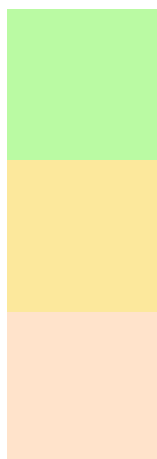
This preview shows how white text looks on a background with the XYZ color 61.0462, 81.4547,

47.1552.

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

61.0462, 81.4547, 47.1552

Protanopia

75.0022, 80.8090, 43.0971

Deuteranopia

79.4886, 80.5100, 67.8504



Tritanopia

73.8014, 81.3482, 106.4198

Trichromacy



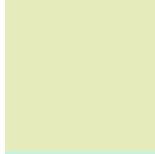
Original Color

61.0462, 81.4547, 47.1552



Protanomaly

69.1194, 80.7302, 44.7404



Deuteranomaly

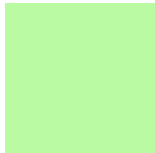
71.4186, 79.8705, 59.2293



Tritanomaly

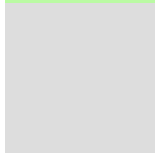
68.2256, 80.7840, 81.1042

Monochromacy



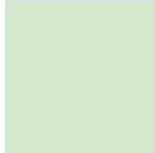
Original Color

61.0462, 81.4547, 47.1552



Achromatopsia

68.7264, 72.3055, 78.7407



Achromatomaly

65.2944, 75.2933, 65.7353

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.0462, 81.4547, 47.1552 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, 250, 163)` looks like.

```
.text, #text, p{  
    color:rgb(186, 250, 163)  
}
```

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, 250, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 250, 163) }
```

Border

The CSS property to change the border of an element to XYZ 61.0462, 81.4547, 47.1552 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, 250, 163) }
```


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

```
.border{ border-color:rgb(186, 250, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 250, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 250, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 250, 163);  
box-shadow:4px 4px 4px 4px rgb(186, 250,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 61.0462, 81.4547, 47.1552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 250, 163) }
```

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

```
.background{ background-color: rgb(186,  
250, 163) }
```

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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