

Converting Colors

XYZ(73.5266, 100.4936,
63.8259)

Have a look what the booklet for
XYZ(73.5266, 100.4936, 63.8259)
contains.

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Color

**XYZ(66.4312, 86.2705,
61.2947)**

Conversions

Conversions Part 1

Format	Color
Hex	BFFFBD
RGB	191, 255, 189
RGB Percent	75%, 100%, 74%
CMY	0.2510, 0.0000, 0.2588
CMYK	0.25, 0.00, 0.26, 0.00
HSL	118°, 100%, 87%
HSV	118°, 26%, 100%
XYZ	66.4312, 86.2705, 61.2947
YIQ	228.3400, -16.9580, -34.0940

Conversions

Conversions Part 2

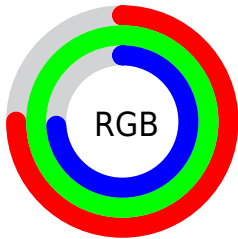
Format	Color
RYB	189, 255, 253
Decimal	12582845
CIELab	94.43, -32.26, 25.25
CIELCh	94, 40.966, 141.943
Yxy	86.2705, 0.3104, 0.4031
Android (android.graphics.Color)	4290772925 (0xFFBFFBBD)
YUV	228.3400, -19.3946, -32.7472
Hunter-Lab	92.8819, -34.8762, 25.8906

Details

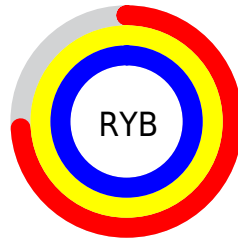
The XYZ color **66.4312, 86.2705, 61.2947** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **76.7565, 64.4990, 103.0118**, and the grayscale version is **74.1379, 77.9988, 84.9407**.

A 20% lighter version of the original color is **91.1060, 98.1303, 101.3280**, and **34.7206, 47.3717, 30.2354** is the 20% darker color. If you saturate the color by 10%, you get **58.1993, 82.3190, 47.7085**, and if you desaturate by 10%, it is **76.2008, 90.9584, 77.4957**.

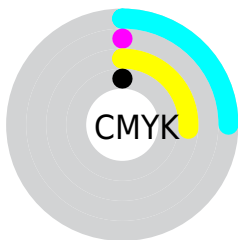
Distribution



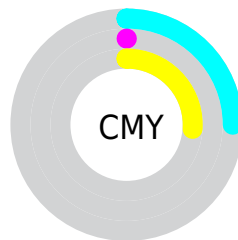
- Red (75%)
- Green (100%)
- Blue (74%)



- Red (74%)
- Yellow (100%)
- Blue (99%)



- Cyan (25%)
- Magenta (0%)
- Yellow (26%)
- Black (0%)



- Cyan (25%)
- Magenta (0%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.4312, 86.2705, 61.2947 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 66.4312, 86.2705, 61.2947 by changing the saturation by 10% instead.

66.4312, 86.2705,
61.2947

66.4312, 86.2705,
61.2947

437.3818,
515.8227, 447.2902

48.8915, 64.8917,
44.0309

113.1593,
142.1469, 108.2672

34.7476, 47.3732,
30.3575

143.0784,
177.4133, 138.8130

23.6341, 33.3308,
19.8557

177.8548,
218.0776, 174.6233

15.1857, 22.3800,
12.1072

217.8536,
264.5243, 216.1166

9.0370, 14.1364,
6.6933

263.4404,
317.1378, 263.7113

4.8226, 8.2156,
3.1955

314.9805,

2.1772, 4.2332,

376.3024, 317.8262

1.1953

372.8391,
442.4026, 378.8796

■ 0.7307, 1.8049,
0.0000

■ 0.0000, 0.4902,
0.0000

■ 66.4312, 86.2705,
61.2947

■ 66.4312, 86.2705,
61.2947

■ 58.1993, 82.3190,
47.7085

■ 76.2008, 90.9584,
77.4957

■ 51.4252, 79.0658,
36.5965

■ 87.5789, 96.4167,
96.4343

■ 46.0244, 76.4704,
27.8108

95.0500, 100.0000,
108.9000

■ 41.9031, 74.4882,
21.1865

■ 38.9556, 73.0685,
16.5366

■ 37.0595, 72.1531,
13.6430

■ 36.0653, 71.6707,
12.2347

■ 35.8567, 71.5698,
11.9245

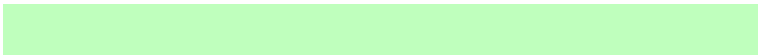
Harmonies

Analogous

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



74.3377, 86.2705, 48.1702



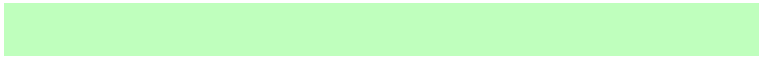
66.4312, 86.2705, 61.2947



62.7704, 86.2705, 85.6891

Triad

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



66.4312, 86.2705, 61.2947



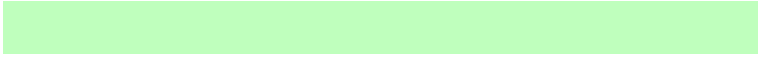
79.0657, 86.2705, 167.6680



103.2449, 86.2705, 73.0489

Complementary

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



66.4312, 86.2705, 61.2947



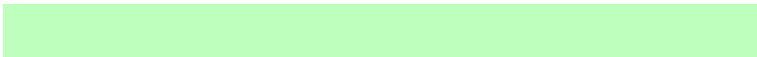
76.7565, 64.4990, 103.0118

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.



104.7974, 86.2705, 102.6913



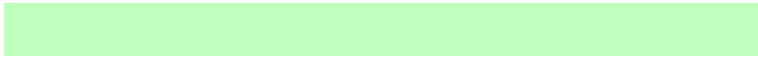
66.4312, 86.2705, 61.2947



90.1662, 86.2705, 162.1469

Square

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



66.4312, 86.2705, 61.2947



69.6265, 86.2705, 150.2226



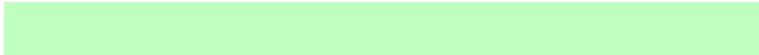
99.8233, 86.2705, 136.4886



95.7534, 86.2705, 53.8226

Rectangle

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



66.4312, 86.2705, 61.2947



62.9793, 86.2705, 107.0483



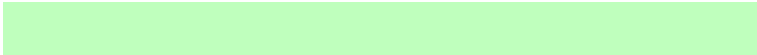
99.8233, 86.2705, 136.4886



104.5041, 86.2705, 81.9369

Sweetspot

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



66.4318, 86.2708, 61.2960



85.0306, 95.1943, 92.1874



85.4878, 95.0586, 61.9879



17.8224, 20.1944, 19.1029



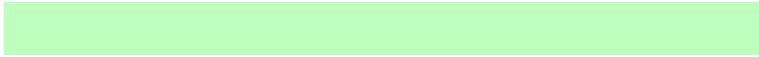
0.0000, 0.0000, 0.0000



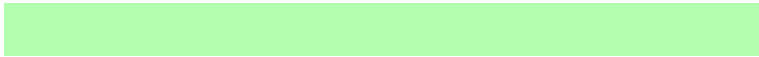
20.3446, 21.4041, 23.3091

Same Dimension

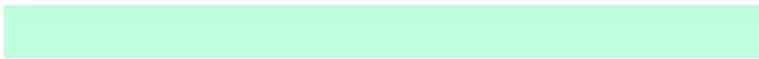
The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.4318, 86.2708, 61.2960



62.0308, 84.1584, 54.0232



69.6388, 87.4959, 80.7903



17.8224, 20.1944, 19.1029



18.7579, 37.4081, 6.2319



1.8435, 3.6511, 0.6076

Inverse Universe

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



76.7565, 64.4990, 103.0118



73.9301, 59.0598, 102.1109



72.9199, 63.0489, 78.9904



18.7351, 18.2707, 22.7891



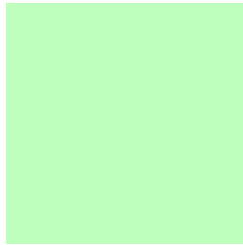
29.5496, 14.1438, 50.6072



2.8936, 1.3856, 4.9282

Previews

White Background



This preview shows how the XYZ color 66.4312, 86.2705, 61.2947 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 66.4312, 86.2705, 61.2947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

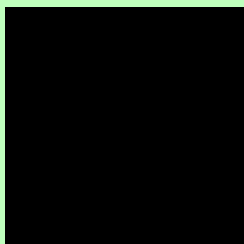
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

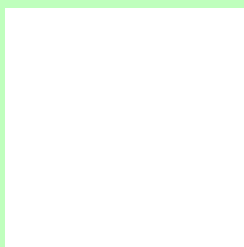
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.4312, 86.2705, 61.2947

Background



This preview shows how black text looks on a background with the XYZ color 66.4312, 86.2705, 61.2947.



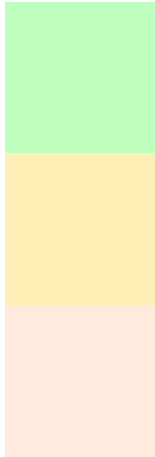
This preview shows how white text looks on a background with the XYZ color 66.4312, 86.2705,

61.2947.

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

66.4312, 86.2705, 61.2947

Protanopia

80.1550, 85.7453, 56.0419

Deuteranopia

83.7140, 85.3261, 80.4640



Tritanopia

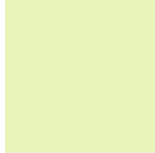
79.0140, 86.2266, 107.0867

Trichromacy



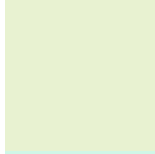
Original Color

66.4312, 86.2705, 61.2947



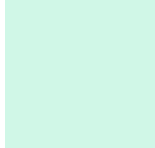
Protanomaly

74.2811, 85.3179, 57.9004



Deuteranomaly

76.5395, 85.2635, 72.7450



Tritanomaly

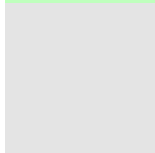
73.6970, 85.7009, 88.2590

Monochromacy



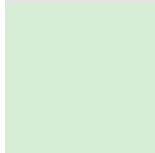
Original Color

66.4312, 86.2705, 61.2947



Achromatopsia

73.7419, 77.5822, 84.4870



Achromatomaly

70.7365, 80.4512, 75.4188

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.4312, 86.2705, 61.2947 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(191, 255, 189)` looks like.

```
.text, #text, p{  
    color:rgb(191, 255, 189)  
}
```

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(191, 255, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 255, 189) }
```

Border

The CSS property to change the border of an element to XYZ 66.4312, 86.2705, 61.2947 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(191, 255, 189) }
```


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

```
.border{ border-color:rgb(191, 255, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 255, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 255, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 255, 189); box-shadow:4px 4px 4px 4px rgb(191, 255, 189) }
```

Background

The CSS property to change the background color of an element to XYZ 66.4312, 86.2705, 61.2947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 255, 189) }
```

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

```
.background{ background-color: rgb(191,  
255, 189) }
```

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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