

Converting Colors

XYZ(66.3267, 86.2027, 61.9176)

Have a look what the booklet for
XYZ(66.3267, 86.2027, 61.9176)
contains.

XYZ(66.2895, 86.1849, 61.8567)	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(66.2895, 86.1849,
61.8567)**

Conversions

Conversions Part 1

Format	Color
Hex	BEFFBE
RGB	190, 255, 190
RGB Percent	75%, 100%, 75%
CMY	0.2549, 0.0000, 0.2549
CMYK	0.25, 0.00, 0.25, 0.00
HSL	120°, 100%, 87%
HSV	120°, 25%, 100%
XYZ	66.2895, 86.1849, 61.8567
YIQ	228.1550, -17.8750, -33.9950

Conversions

Conversions Part 2

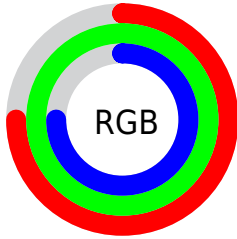
Format	Color
RYB	190, 255, 255
Decimal	12517310
CIELab	94.39, -32.41, 24.69
CIELCh	94, 40.745, 142.707
Yxy	86.1849, 0.3093, 0.4021
Android (android.graphics.Color)	4290707390 (0xFFBEFFBE)
YUV	228.1550, -18.8104, -33.4619
Hunter-Lab	92.8358, -35.0046, 25.4800

Details

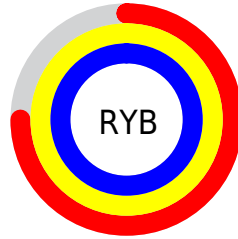
The XYZ color **66.2895, 86.1849, 61.8567** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **77.7036, 65.3074, 103.1171**, and the grayscale version is **73.9986, 77.8523, 84.7811**.

A 20% lighter version of the original color is **90.9063, 98.0096, 102.1222**, and **34.6297, 47.3166, 30.6004** is the 20% darker color. If you saturate the color by 10%, you get **57.9199, 82.1645, 48.1671**, and if you desaturate by 10%, it is **76.2621, 90.9752, 78.1692**.

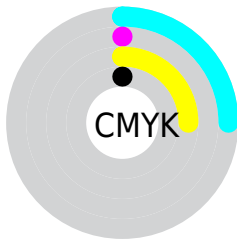
Distribution



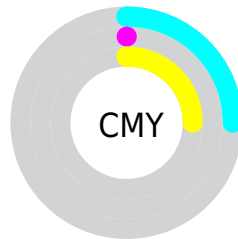
- Red (75%)
- Green (100%)
- Blue (75%)



- Red (75%)
- Yellow (100%)
- Blue (100%)



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.2895, 86.1849, 61.8567 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 66.2895, 86.1849, 61.8567 by changing the saturation by 10% instead.

66.2895, 86.1849,
61.8567

66.2895, 86.1849,
61.8567

436.8839,
515.5407, 449.4014

48.7760, 64.8209,
44.4819

112.9572,
142.0275, 109.0880

34.6556, 47.3159,
30.7095

142.8421,
177.2748, 139.7815

23.5630, 33.2854,
20.1212

177.5815,
217.9188, 175.7517

15.1328, 22.3452,
12.2982

217.5408,
264.3436, 217.4171

8.9995, 14.1108,
6.8221

263.0853,
316.9339, 265.1962

4.7980, 8.1977,
3.2743

314.5804,

2.1628, 4.2217,

376.0739, 319.5076

1.2364

372.3915,
442.1480, 380.7698

0.7230, 1.7984,
0.0088

0.0000, 0.4861,
0.0000

66.2895, 86.1849,
61.8567

66.2895, 86.1849,
61.8567

57.9199, 82.1645,
48.1671

76.2621, 90.9752,
78.1692

51.0681, 78.8733,
36.9597

87.9135, 96.5720,
97.2270

45.6438, 76.2677,
28.0872

95.0500, 100.0000,
108.9000

41.5462, 74.2994,
21.3848

■ 38.6616, 72.9138,
16.6664

■ 36.8570, 72.0469,
13.7145

■ 35.9681, 71.6200,
12.2605

■ 35.7600, 71.5200,
11.9201

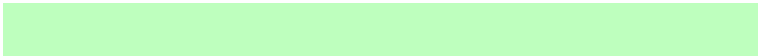
Harmonies

Analogous

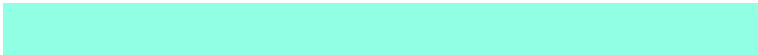
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.0585, 86.1849, 48.5011



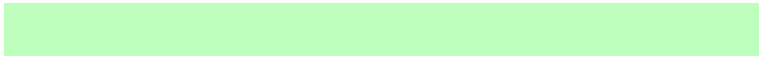
66.2895, 86.1849, 61.8567



62.7655, 86.1849, 86.3961

Triad

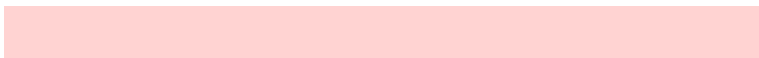
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



66.2895, 86.1849, 61.8567



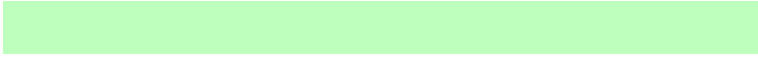
79.2737, 86.1849, 167.2131



102.9026, 86.1849, 72.4459

Complementary

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



66.2895, 86.1849, 61.8567



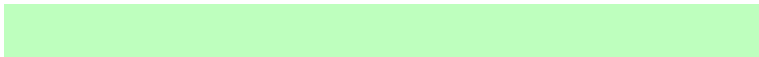
77.7036, 65.3074, 103.1171

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.



104.6127, 86.1849, 101.7011



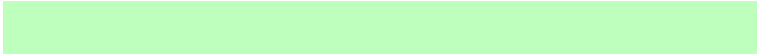
66.2895, 86.1849, 61.8567



90.3109, 86.1849, 161.1391

Square

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



66.2895, 86.1849, 61.8567



69.8161, 86.1849, 150.4155



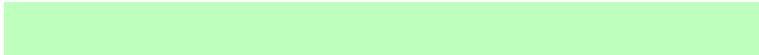
99.8238, 86.1849, 135.2974



95.3393, 86.1849, 53.5971

Rectangle

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



66.2895, 86.1849, 61.8567



63.0549, 86.1849, 107.7315



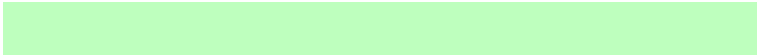
99.8238, 86.1849, 135.2974



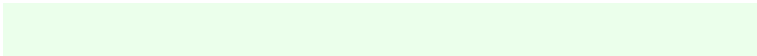
104.2070, 86.1849, 81.1984

Sweetspot

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



66.2900, 86.1851, 61.8580



84.8267, 95.0892, 92.1780



86.2944, 96.4978, 62.7937



17.7717, 20.1682, 19.1006



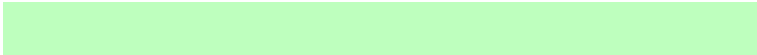
0.0000, 0.0000, 0.0000



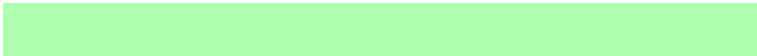
20.3446, 21.4041, 23.3091

Same Dimension

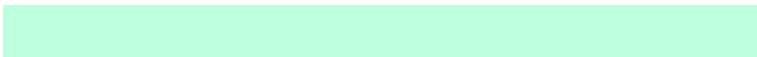
The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.2900, 86.1851, 61.8580



61.4848, 83.8769, 53.9982



70.2476, 87.7681, 82.6981



17.7717, 20.1682, 19.1006



18.6854, 37.3707, 6.2285



1.8193, 3.6387, 0.6065

Inverse Universe

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



77.7036, 65.3074, 103.1171



74.8053, 59.5110, 102.1509



72.9058, 63.3883, 77.8522



18.7928, 18.3004, 22.7917



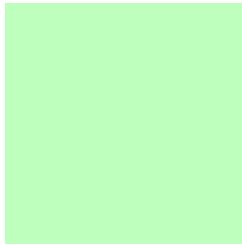
30.9800, 14.8813, 50.6726



3.0164, 1.4489, 4.9338

Previews

White Background



This preview shows how the XYZ color 66.2895, 86.1849, 61.8567 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 66.2895, 86.1849, 61.8567 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 66.2895, 86.1849, 61.8567

Background



This preview shows how black text looks on a background with the XYZ color 66.2895, 86.1849, 61.8567.



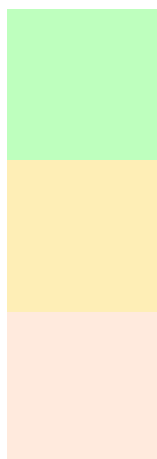
This preview shows how white text looks on a background with the XYZ color 66.2895, 86.1849,

61.8567.

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

66.2895, 86.1849, 61.8567

Protanopia

79.8911, 85.5973, 56.5672

Deuteranopia

83.7140, 85.3261, 80.4640



Tritanopia

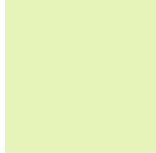
78.7159, 86.0729, 107.0727

Trichromacy



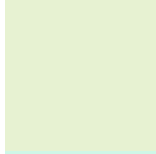
Original Color

66.2895, 86.1849, 61.8567



Protanomaly

74.0626, 85.1931, 58.4393



Deuteranomaly

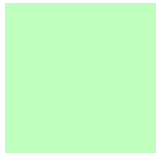
76.3400, 85.1463, 73.3841



Tritanomaly

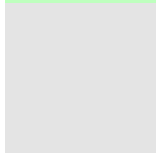
73.4167, 85.5564, 88.2459

Monochromacy



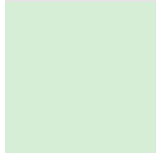
Original Color

66.2895, 86.1849, 61.8567



Achromatopsia

73.7419, 77.5822, 84.4870



Achromatomaly

70.4437, 80.3003, 75.4050

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.2895, 86.1849, 61.8567 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(190, 255, 190)` looks like.

```
.text, #text, p{  
    color:rgb(190, 255, 190)  
}
```

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(190, 255, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 255, 190) }
```

Border

The CSS property to change the border of an element to XYZ 66.2895, 86.1849, 61.8567 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(190, 255, 190) }
```


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

```
.border{ border-color:rgb(190, 255, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 255, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(190, 255, 190); -webkit-box-shadow:4px 4px 4px 4px rgb(190, 255, 190); box-shadow:4px 4px 4px 4px rgb(190, 255, 190) }
```

Background

The CSS property to change the background color of an element to XYZ 66.2895, 86.1849, 61.8567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 255, 190) }
```

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

```
.background{ background-color: rgb(190,  
255, 190) }
```

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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