

Converting Colors

XYZ(88.0876, 128.7776,
69.1736)

Have a look what the booklet for
XYZ(88.0876, 128.7776, 69.1736)
contains.

XYZ(66.7925, 86.4442, 61.8803)	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(66.7925, 86.4442,
61.8803)**

Conversions

Conversions Part 1

Format	Color
Hex	C0FFBE
RGB	192, 255, 190
RGB Percent	75%, 100%, 75%
CMY	0.2471, 0.0000, 0.2549
CMYK	0.25, 0.00, 0.25, 0.00
HSL	118°, 100%, 87%
HSV	118°, 25%, 100%
XYZ	66.7925, 86.4442, 61.8803
YIQ	228.7530, -16.6830, -33.5710

Conversions

Conversions Part 2

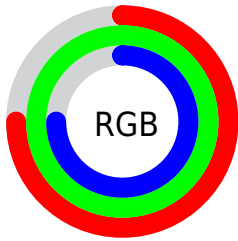
Format	Color
RYB	190, 255, 253
Decimal	12648382
CIELab	94.50, -31.77, 24.86
CIELCh	95, 40.341, 141.963
Yxy	86.4442, 0.3105, 0.4018
Android (android.graphics.Color)	4290838462 (0xFFC0FFBE)
YUV	228.7530, -19.1052, -32.2324
Hunter-Lab	92.9754, -34.4744, 25.6220

Details

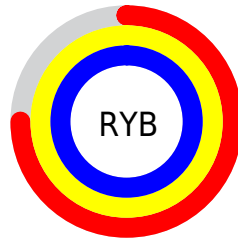
The XYZ color **66.7925, 86.4442, 61.8803** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **76.9724, 64.9308, 103.0838**, and the grayscale version is **74.4389, 78.3156, 85.2857**.

A 20% lighter version of the original color is **91.6154, 98.3751, 102.1553**, and **34.9545, 47.4841, 30.6156** is the 20% darker color. If you saturate the color by 10%, you get **58.5030, 82.4651, 48.1942**, and if you desaturate by 10%, it is **76.6216, 91.1605, 78.1863**.

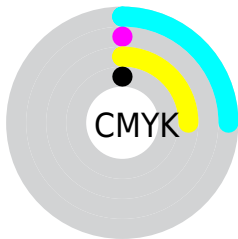
Distribution



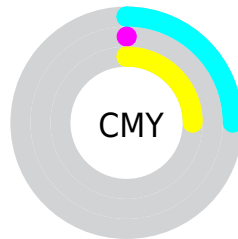
- Red (75%)
- Green (100%)
- Blue (75%)



- Red (75%)
- Yellow (100%)
- Blue (99%)



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




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

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.7925, 86.4442, 61.8803 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 66.7925, 86.4442, 61.8803 by changing the saturation by 10% instead.


 66.7925, 86.4442,
61.8803

 66.7925, 86.4442,
61.8803


438.6499,
516.3948, 449.4899

 49.1861, 65.0354,
44.5008


 113.6745,
142.3892, 109.1224

 34.9823, 47.4897,
30.7243


143.6808,
177.6941, 139.8222

 23.8157, 33.4230,
20.1323


178.5510,
218.3999, 175.7991

 15.3209, 22.4507,
12.3062

218.6507,
264.8909, 217.4717

 9.1327, 14.1884,
6.8275

264.3450,
317.5514, 265.2585

 4.8857, 8.2518,
3.2777

315.9994,

 2.2144, 4.2565,

376.7660, 319.5781

1.2381

373.9793,
442.9190, 380.8491

■ 0.7503, 1.8181,
0.0102

■ 0.0000, 0.4984,
0.0000

■ 66.7925, 86.4442,
61.8803

■ 66.7925, 86.4442,
61.8803

■ 58.5030, 82.4651,
48.1942

■ 76.6216, 91.1605,
78.1863

■ 51.6737, 79.1854,
36.9878

■ 88.0611, 96.6481,
97.2346

■ 46.2204, 76.5649,
28.1139

95.0500, 100.0000,
108.9000

■ 42.0497, 74.5590,
21.4081

■ 39.0568, 73.1175,
16.6846

■ 37.1201, 72.1826,
13.7267

■ 36.0917, 71.6837,
12.2662

■ 35.8582, 71.5706,
11.9246

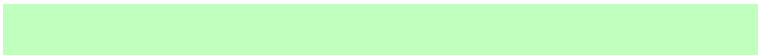
Harmonies

Analogous

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



74.5994, 86.4442, 48.8494



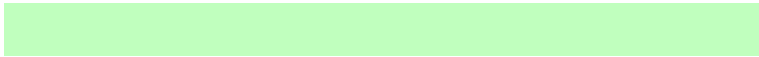
66.7925, 86.4442, 61.8803



63.1763, 86.4442, 86.0087

Triad

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



66.7925, 86.4442, 61.8803



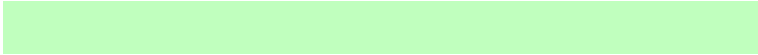
79.2782, 86.4442, 166.6041



103.0847, 86.4442, 73.4858

Complementary

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



66.7925, 86.4442, 61.8803



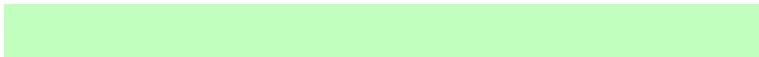
76.9724, 64.9308, 103.0838

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.



104.6161, 86.4442, 102.7323



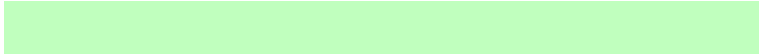
66.7925, 86.4442, 61.8803



90.2205, 86.4442, 161.1743

Square

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



66.7925, 86.4442, 61.8803



69.9587, 86.4442, 149.5031



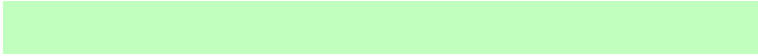
99.7264, 86.4442, 135.9787



95.7091, 86.4442, 54.4494

Rectangle

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



66.7925, 86.4442, 61.8803



63.3850, 86.4442, 107.0678



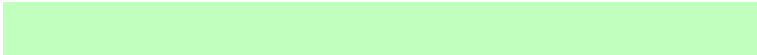
99.7264, 86.4442, 135.9787



104.3247, 86.4442, 82.2661

Sweetspot

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



66.7930, 86.4444, 61.8816



85.0337, 95.1960, 92.1875



85.6072, 95.1232, 62.5652



17.8232, 20.1948, 19.1029



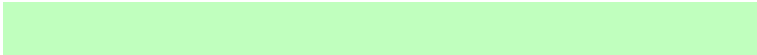
0.0000, 0.0000, 0.0000



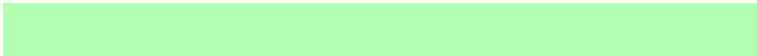
20.3446, 21.4041, 23.3091

Same Dimension

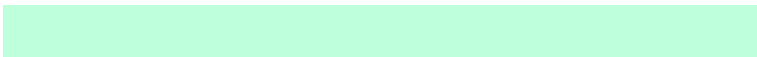
The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.7930, 86.4444, 61.8816



62.0392, 84.1627, 54.0236



69.9584, 87.6525, 81.1741



17.8232, 20.1948, 19.1029



18.7590, 37.4087, 6.2319



1.8439, 3.6513, 0.6076

Inverse Universe

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



76.9724, 64.9308, 103.0838



73.9168, 59.0529, 102.1103



73.1993, 63.5061, 79.3966



18.7342, 18.2702, 22.7891



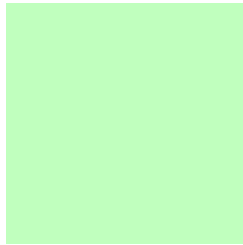
29.5282, 14.1328, 50.6062



2.8917, 1.3847, 4.9281

Previews

White Background



This preview shows how the XYZ color 66.7925, 86.4442, 61.8803 looks on a white background.

Color Contrast Check

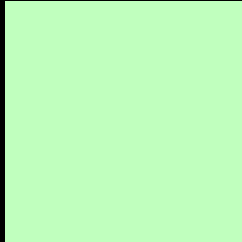
Large Text (above 18pt) WCAG AA × Fail

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 66.7925, 86.4442, 61.8803 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

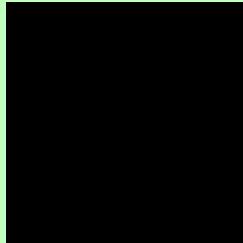
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

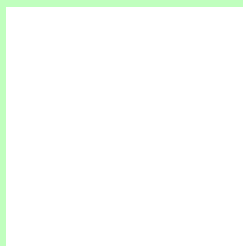
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.7925, 86.4442, 61.8803

Background



This preview shows how black text looks on a background with the XYZ color 66.7925, 86.4442, 61.8803.



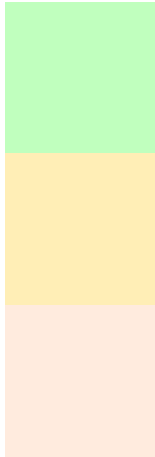
This preview shows how white text looks on a background with the XYZ color 66.7925, 86.4442,

61.8803.

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

66.7925, 86.4442, 61.8803

Protanopia

80.2580, 85.7865, 56.5844

Deuteranopia

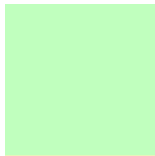
84.1331, 85.9506, 81.2631



Tritanopia

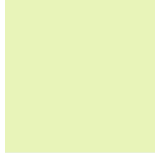
79.3140, 86.3813, 107.1007

Trichromacy



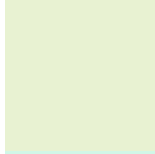
Original Color

66.7925, 86.4442, 61.8803



Protanomaly

74.3864, 85.3600, 58.4545



Deuteranomaly

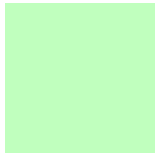
76.6637, 85.3132, 73.3993



Tritanomaly

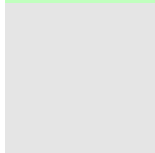
73.9791, 85.8464, 88.2722

Monochromacy



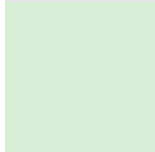
Original Color

66.7925, 86.4442, 61.8803



Achromatopsia

74.4753, 78.3538, 85.3273



Achromatomaly

71.1592, 80.6543, 76.1073

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.7925, 86.4442, 61.8803 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(192, 255, 190)` looks like.

```
.text, #text, p{  
    color:rgb(192, 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(192, 255, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 255, 190) }
```

Border

The CSS property to change the border of an element to XYZ 66.7925, 86.4442, 61.8803 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(192, 255, 190) }
```


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

```
.border{ border-color:rgb(192, 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(192, 255, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 255, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 255, 190);  
box-shadow:4px 4px 4px 4px rgb(192, 255,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 66.7925, 86.4442, 61.8803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 255, 190) }
```

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

```
.background{ background-color: rgb(192,  
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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