

Converting Colors

XYZ(66.4876, 85.6432, 61.4863)

Have a look what the booklet for
XYZ(66.4876, 85.6432, 61.4863)
contains.

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Color

**XYZ(66.7284, 85.9388,
61.7861)**

Conversions

Conversions Part 1

Format	Color
Hex	C1FEBE
RGB	193, 254, 190
RGB Percent	76%, 100%, 75%
CMY	0.2431, 0.0039, 0.2549
CMYK	0.24, 0.00, 0.25, 0.00
HSL	117°, 97%, 87%
HSV	117°, 25%, 100%
XYZ	66.7284, 85.9388, 61.7861
YIQ	228.4650, -15.8120, -32.8360

Conversions

Conversions Part 2

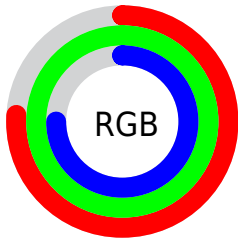
Format	Color
RYB	190, 254, 251
Decimal	12713662
CIELab	94.29, -30.99, 24.57
CIELCh	94, 39.544, 141.588
Yxy	85.9388, 0.3112, 0.4007
Android (android.graphics.Color)	4290903742 (0xFFC1FEBE)
YUV	228.4650, -18.9632, -31.1028
Hunter-Lab	92.7032, -33.7450, 25.3758

Details

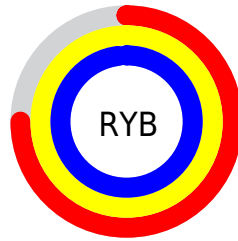
The XYZ color **66.7284, 85.9388, 61.7861** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **76.0902, 64.4944, 102.2087**, and the grayscale version is **74.2282, 78.0939, 85.0442**.

A 20% lighter version of the original color is **91.9728, 98.5594, 102.1721**, and **34.8914, 47.1134, 30.5474** is the 20% darker color. If you saturate the color by 10%, you get **58.5162, 82.0011, 48.1512**, and if you desaturate by 10%, it is **76.4393, 90.5982, 78.0201**.

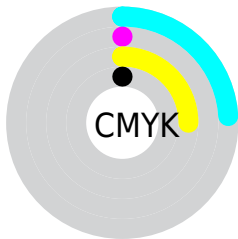
Distribution



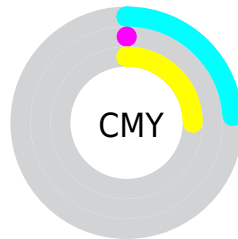
- Red (76%)
- Green (100%)
- Blue (75%)



- Red (75%)
- Yellow (100%)
- Blue (98%)



- Cyan (24%)
- Magenta (0%)
- Yellow (25%)
- Black (0%)





- Cyan (24%)
- Magenta (0%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.7284, 85.9388, 61.7861 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 66.7284, 85.9388, 61.7861 by changing the saturation by 10% instead.


 66.7284, 85.9388,
61.7861

 66.7284, 85.9388,
61.7861


438.4251,
514.7294, 449.1365

 49.1338, 64.6174,
44.4252


 113.5831,
141.6841, 108.9849

 34.9406, 47.1509,
30.6653


143.5739,
176.8767, 139.6599

 23.7834, 33.1549,
20.0878


178.4276,
217.4619, 175.6101

 15.2969, 22.2452,
12.2742

218.5093,
263.8240, 217.2539

 9.1157, 14.0372,
6.8059

264.1846,
316.3474, 265.0099

 4.8744, 8.1465,
3.2644

315.8188,

 2.2078, 4.1888,

375.4165, 319.2966

1.2312

373.7771,
441.4157, 380.5327

■ 0.7468, 1.7798,
0.0044

■ 0.0000, 0.4745,
0.0000

■ 66.7284, 85.9388,
61.7861

■ 66.7284, 85.9388,
61.7861

■ 58.5162, 82.0011,
48.1512

■ 76.4393, 90.5982,
78.0201

■ 51.7217, 78.7387,
36.9753

■ 87.7112, 96.0013,
96.9724

■ 46.2666, 76.1170,
28.1137

94.7335, 99.3670,
108.7945

■ 42.0623, 74.0937,
21.4043

■ 39.0094, 72.6217,
16.6640

■ 36.9936, 71.6464,
13.6794

■ 35.8767, 71.1025,
12.1875

■ 35.5938, 70.9645,
11.8215

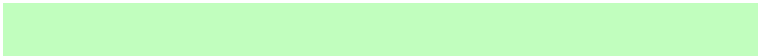
Harmonies

Analogous

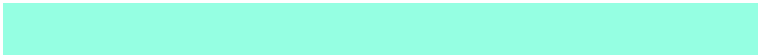
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.4095, 85.9388, 49.1095



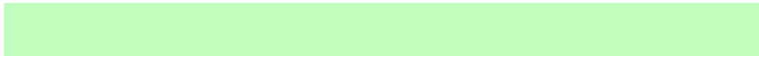
66.7284, 85.9388, 61.7861



63.1312, 85.9388, 85.2897

Triad

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



66.7284, 85.9388, 61.7861



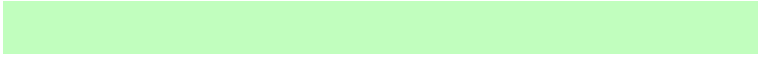
78.7364, 85.9388, 164.0190



102.1405, 85.9388, 73.6950

Complementary

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



66.7284, 85.9388, 61.7861



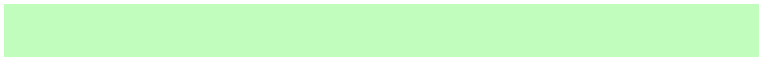
76.0902, 64.4944, 102.2087

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.



103.5520, 85.9388, 102.3754



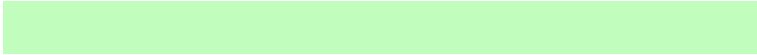
66.7284, 85.9388, 61.7861



89.4141, 85.9388, 159.0302

Square

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



66.7284, 85.9388, 61.7861



69.6606, 85.9388, 147.1751



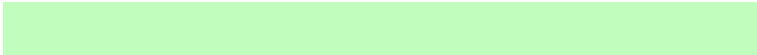
98.7183, 85.9388, 134.7326



95.0130, 85.9388, 54.8783

Rectangle

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



66.7284, 85.9388, 61.7861



63.2966, 85.9388, 105.7962



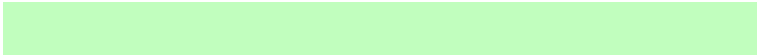
98.7183, 85.9388, 134.7326



103.3224, 85.9388, 82.3290

Sweetspot

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



66.7307, 85.9425, 61.7880



85.1424, 95.2520, 92.1926



84.6059, 93.6624, 62.3360



17.8503, 20.2087, 19.1042



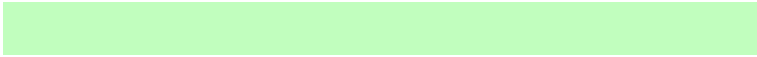
0.0000, 0.0000, 0.0000



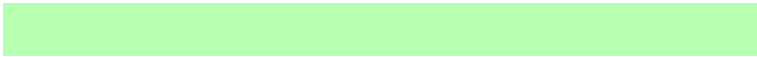
20.3446, 21.4041, 23.3091

Same Dimension

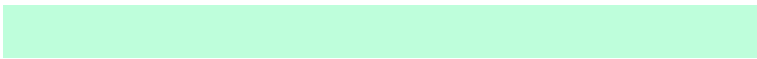
The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.7307, 85.9425, 61.7880



63.1575, 84.7098, 55.4051



69.4396, 86.9386, 80.0034



17.8503, 20.2087, 19.1042



18.7975, 37.4286, 6.2337



1.8567, 3.6579, 0.6082

Inverse Universe

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



76.0902, 64.4944, 102.2087



74.0036, 59.8466, 102.2589



72.9074, 63.3471, 79.7647



18.7036, 18.2545, 22.7876



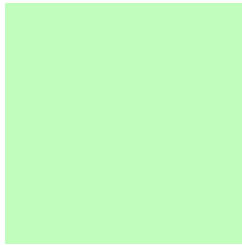
28.7912, 13.7529, 50.5717



2.8282, 1.3519, 4.9252

Previews

White Background



This preview shows how the XYZ color 66.7284, 85.9388, 61.7861 looks on a white background.

Color Contrast Check

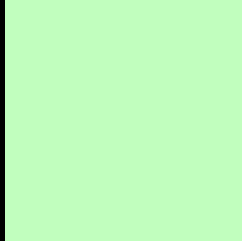
Large Text (above 18pt) WCAG AA × Fail

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 66.7284, 85.9388, 61.7861 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 66.7284, 85.9388, 61.7861

Background



This preview shows how black text looks on a background with the XYZ color 66.7284, 85.9388, 61.7861.



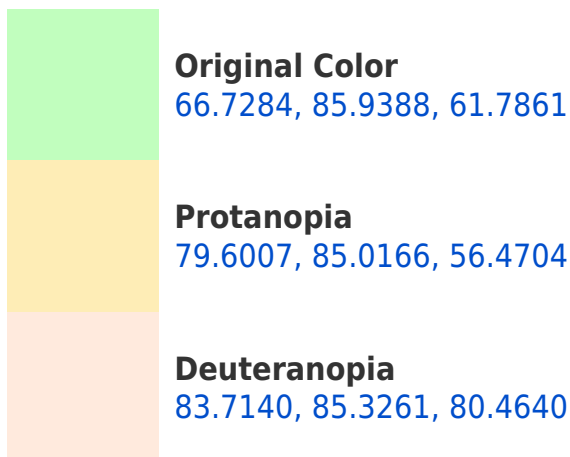
This preview shows how white text looks on a background with the XYZ color 66.7284, 85.9388,

61.7861.

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





Tritanopia

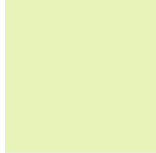
78.7156, 85.6297, 106.9872

Trichromacy



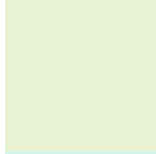
Original Color

66.7284, 85.9388, 61.7861



Protanomaly

74.0863, 84.7598, 58.3545



Deuteranomaly

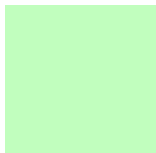
76.3669, 84.7195, 73.3003



Tritanomaly

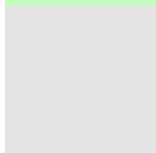
73.6741, 85.2364, 88.1705

Monochromacy



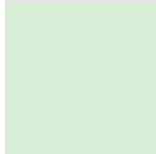
Original Color

66.7284, 85.9388, 61.7861



Achromatopsia

73.7419, 77.5822, 84.4870



Achromatomaly

70.4461, 79.8705, 75.3220

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.7284, 85.9388, 61.7861 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(193, 254, 190)` looks like.

```
.text, #text, p{  
    color:rgb(193, 254, 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(193, 254, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 254, 190) }
```

Border

The CSS property to change the border of an element to XYZ 66.7284, 85.9388, 61.7861 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(193, 254, 190) }
```


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

```
.border{ border-color:rgb(193, 254, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 254, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 254, 190); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 254, 190); box-shadow:4px 4px 4px 4px rgb(193, 254, 190) }
```

Background

The CSS property to change the background color of an element to XYZ 66.7284, 85.9388, 61.7861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 254, 190) }
```

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

```
.background{ background-color: rgb(193,  
254, 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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