

Converting Colors

XYZ(66.6025, 86.3297, 62.6170)

Have a look what the booklet for
XYZ(66.6025, 86.3297, 62.6170)
contains.

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Color

**XYZ(66.6498, 86.3580,
62.4462)**

Conversions

Conversions Part 1

Format	Color
Hex	BFFFBF
RGB	191, 255, 191
RGB Percent	75%, 100%, 75%
CMY	0.2510, 0.0000, 0.2510
CMYK	0.25, 0.00, 0.25, 0.00
HSL	120°, 100%, 87%
HSV	120°, 25%, 100%
XYZ	66.6498, 86.3580, 62.4462
YIQ	228.5680, -17.6000, -33.4720

Conversions

Conversions Part 2

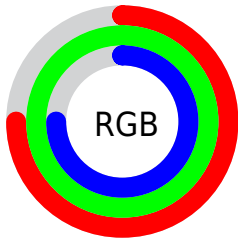
Format	Color
RYB	191, 255, 255
Decimal	12582847
CIELab	94.47, -31.93, 24.29
CIElCh	94, 40.120, 142.740
Yxy	86.3580, 0.3093, 0.4008
Android (android.graphics.Color)	4290772927 (0xFFBFFBF)
YUV	228.5680, -18.5210, -32.9471
Hunter-Lab	92.9290, -34.6034, 25.2088

Details

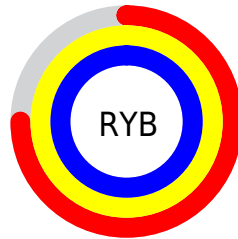
The XYZ color **66.6498, 86.3580, 62.4462** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **77.9208, 65.7419, 103.1892**, and the grayscale version is **74.2993, 78.1686, 85.1256**.

A 20% lighter version of the original color is **91.4147, 98.2538, 102.9537**, and **34.8628, 47.4285, 30.9841** is the 20% darker color. If you saturate the color by 10%, you get **58.2189, 82.3081, 48.6564**, and if you desaturate by 10%, it is **76.6868, 91.1792, 78.8639**.

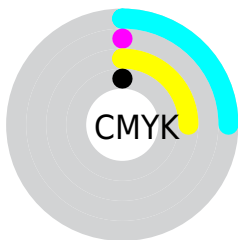
Distribution



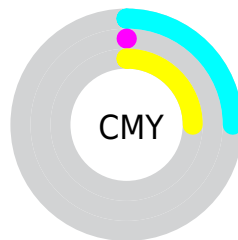
- Red (75%)
- Green (100%)
- Blue (75%)



- 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 66.6498, 86.3580, 62.4462 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 66.6498, 86.3580, 62.4462 by changing the saturation by 10% instead.

66.6498, 86.3580,
62.4462

66.6498, 86.3580,
62.4462

438.1493,
516.1109, 451.6093

49.0697, 64.9641,
44.9552

113.4710,
142.2690, 109.9480

34.8896, 47.4319,
31.0795

143.4429,
177.5548, 140.7959

23.7439, 33.3772,
20.4004

178.2761,
218.2400, 176.9332

15.2675, 22.4156,
12.4995

218.3360,
264.7090, 218.7784

9.0949, 14.1626,
6.9581

263.9879,
317.3462, 266.7501

4.8607, 8.2338,
3.3579

315.5972,

2.1997, 4.2449,

376.5360, 321.2668

1.2802

373.5292,
442.6628, 382.7470

■ 0.7426, 1.8115,
0.0454

■ 0.0000, 0.4943,
0.0000

■ 66.6498, 86.3580,
62.4462

■ 66.6498, 86.3580,
62.4462

■ 58.2189, 82.3081,
48.6564

■ 76.6868, 91.1792,
78.8639

■ 51.3093, 78.9891,
37.3544

■ 88.4055, 96.8083,
98.0318

■ 45.8308, 76.3575,
28.3934

95.0500, 100.0000,
108.9000

■ 41.6833, 74.3652,
21.6092

■ 38.7534, 72.9579,
16.8167

■ 36.9093, 72.0721,
13.8002

■ 35.9882, 71.6296,
12.2934

■ 35.7600, 71.5200,
11.9202

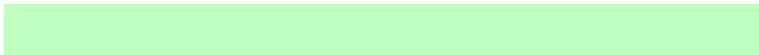
Harmonies

Analogous

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



74.3188, 86.3580, 49.1836



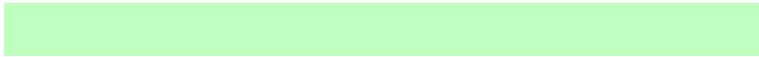
66.6498, 86.3580, 62.4462



63.1710, 86.3580, 86.7179

Triad

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



66.6498, 86.3580, 62.4462



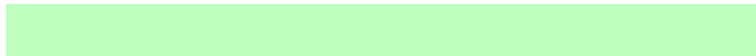
79.4864, 86.3580, 166.1501



102.7419, 86.3580, 72.8793

Complementary

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



66.6498, 86.3580, 62.4462



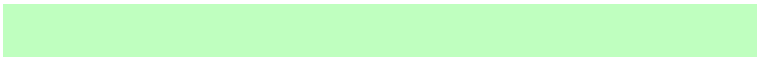
77.9208, 65.7419, 103.1892

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.



104.4311, 86.3580, 101.7403



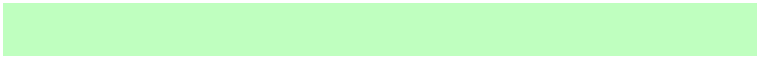
66.6498, 86.3580, 62.4462



90.3650, 86.3580, 160.1687

Square

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



66.6498, 86.3580, 62.4462



70.1488, 86.3580, 149.6950



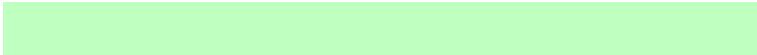
99.7265, 86.3580, 134.7886



95.2943, 86.3580, 54.2215

Rectangle

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



66.6498, 86.3580, 62.4462



63.4607, 86.3580, 107.7513



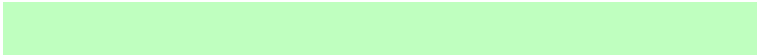
99.7265, 86.3580, 134.7886



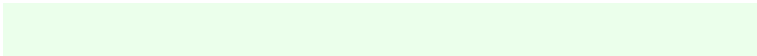
104.0271, 86.3580, 81.5245

Sweetspot

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



66.6503, 86.3582, 62.4475



84.8267, 95.0892, 92.1782



86.4041, 96.5416, 63.3712



17.7717, 20.1682, 19.1006



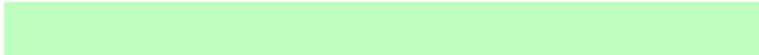
0.0000, 0.0000, 0.0000



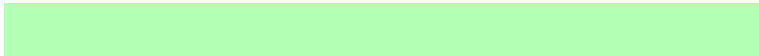
20.3446, 21.4041, 23.3091

Same Dimension

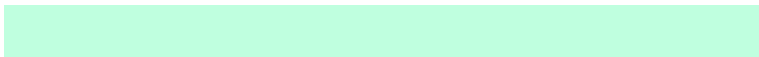
The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.6503, 86.3582, 62.4475



62.3214, 84.2788, 55.3668



70.5654, 87.9242, 83.0643



17.7717, 20.1682, 19.1006



18.6854, 37.3708, 6.2286



1.8193, 3.6387, 0.6065

Inverse Universe

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



77.9208, 65.7419, 103.1892



75.3098, 60.5200, 102.3186



73.1904, 63.8498, 78.2791



18.7927, 18.3004, 22.7917



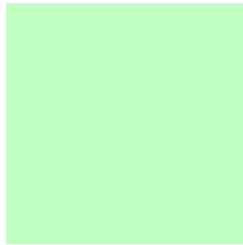
30.9798, 14.8812, 50.6717



3.0164, 1.4489, 4.9338

Previews

White Background



This preview shows how the XYZ color 66.6498, 86.3580, 62.4462 looks on a white background.

Color Contrast Check

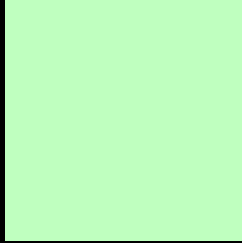
Large Text (above 18pt) WCAG AA × Fail

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 66.6498, 86.3580, 62.4462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

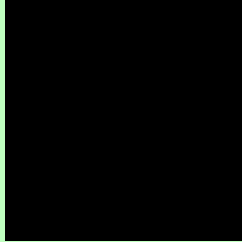
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.6498, 86.3580, 62.4462

Background



This preview shows how black text looks on a background with the XYZ color 66.6498, 86.3580, 62.4462.



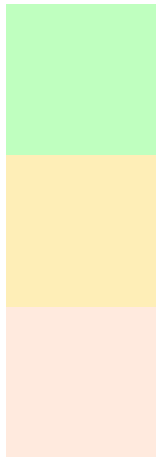
This preview shows how white text looks on a background with the XYZ color 66.6498, 86.3580,

62.4462.

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

66.6498, 86.3580, 62.4462

Protanopia

79.9948, 85.6388, 57.1135

Deuteranopia

83.8476, 85.3796, 81.1679



Tritanopia

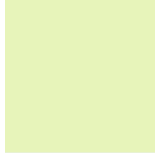
79.0140, 86.2266, 107.0867

Trichromacy



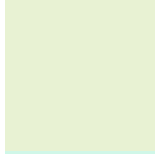
Original Color

66.6498, 86.3580, 62.4462



Protanomaly

74.1686, 85.2355, 58.9974



Deuteranomaly

76.7887, 85.3632, 74.0576



Tritanomaly

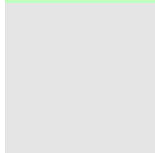
73.8387, 85.7576, 89.0051

Monochromacy



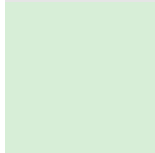
Original Color

66.6498, 86.3580, 62.4462



Achromatopsia

74.4753, 78.3538, 85.3273



Achromatomaly

70.8646, 80.5024, 76.0935

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.6498, 86.3580, 62.4462 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, 191)` looks like.

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

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, 191) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 66.6498, 86.3580, 62.4462 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, 191) }
```


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

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

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, 191) colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 66.6498, 86.3580, 62.4462 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, 191) }
```

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

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

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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