

Converting Colors

XYZ(66.0086, 86.0792, 60.0748)

Have a look what the booklet for
XYZ(66.0086, 86.0792, 60.0748)
contains.

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Color

**XYZ(65.9648, 86.0550,
60.1473)**

Conversions

Conversions Part 1

Format	Color
Hex	BEFFBB
RGB	190, 255, 187
RGB Percent	75%, 100%, 73%
CMY	0.2549, 0.0000, 0.2667
CMYK	0.25, 0.00, 0.27, 0.00
HSL	117°, 100%, 87%
HSV	117°, 27%, 100%
XYZ	65.9648, 86.0550, 60.1473
YIQ	227.8130, -16.9120, -34.9280

Conversions

Conversions Part 2

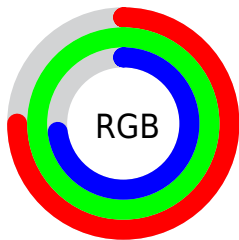
Format	Color
RYB	187, 255, 252
Decimal	12517307
CIELab	94.34, -32.90, 26.13
CIElCh	94, 42.016, 141.541
Yxy	86.0550, 0.3109, 0.4056
Android (android.graphics.Color)	4290707387 (0xFFBEFFBB)
YUV	227.8130, -20.1208, -33.1620
Hunter-Lab	92.7658, -35.4108, 26.4938

Details

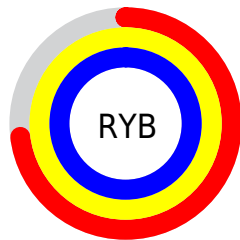
The XYZ color **65.9648, 86.0550, 60.1473** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **75.9662, 63.4574, 102.8524**, and the grayscale version is **73.7569, 77.5980, 84.5043**.

A 20% lighter version of the original color is **90.2954, 97.7652, 98.9055**, and **34.4194, 47.2325, 29.4930** is the 20% darker color. If you saturate the color by 10%, you get **57.8849, 82.1775, 46.7620**, and if you desaturate by 10%, it is **75.5487, 90.6517, 76.1358**.

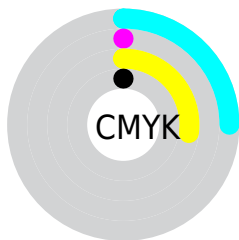
Distribution



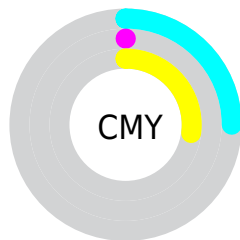
- Red (75%)
- Green (100%)
- Blue (73%)



- Red (73%)
- Yellow (100%)
- Blue (99%)



- Cyan (25%)
- Magenta (0%)
- Yellow (27%)
- Black (0%)





- Cyan (25%)
- Magenta (0%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.9648, 86.0550, 60.1473 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 65.9648, 86.0550, 60.1473 by changing the saturation by 10% instead.


 65.9648, 86.0550,
60.1473

 65.9648, 86.0550,
60.1473


435.7416,
515.1125, 442.9602

 48.5114, 64.7135,
43.1113


 112.4938,
141.8462, 106.5888

 34.4450, 47.2288,
29.6404


142.3002,
177.0647, 136.8313

 23.4002, 33.2165,
19.3161

176.9549,
217.6776, 172.3132

 15.0116, 22.2924,
11.7198

216.8234,
264.0694, 213.4528

 8.9139, 14.0719,
6.4329

262.2709,
316.6243, 260.6688

 4.7417, 8.1707,
3.0371

313.6629,

 2.1297, 4.2044,

375.7269, 314.3796

1.1136

371.3647,
441.7615, 375.0039

■ 0.7053, 1.7885,
0.0000

■ 0.0000, 0.4800,
0.0000

■ 65.9648, 86.0550,
60.1473

■ 65.9648, 86.0550,
60.1473

■ 57.8849, 82.1775,
46.7620

■ 75.5487, 90.6517,
76.1358

■ 51.2312, 78.9823,
35.8384

■ 86.7059, 96.0008,
94.8509

■ 45.9212, 76.4300,
27.2278

■ 95.0500, 100.0000,
108.9000

■ 41.8634, 74.4770,
20.7639

■ 38.9550, 73.0744,
16.2580

■ 37.0767, 72.1654,
13.4887

■ 36.0825, 71.6809,
12.1782

■ 35.9013, 71.5928,
11.9266

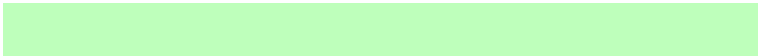
Harmonies

Analogous

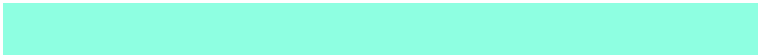
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.0885, 86.0550, 47.0026



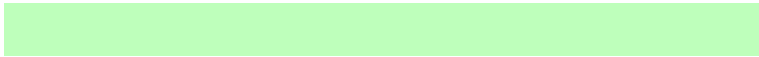
65.9648, 86.0550, 60.1473



62.1696, 86.0550, 84.8605

Triad

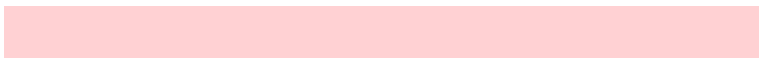
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



65.9648, 86.0550, 60.1473



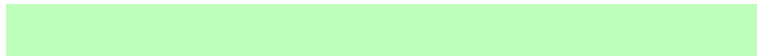
78.6452, 86.0550, 169.5006



103.6589, 86.0550, 72.7022

Complementary

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



65.9648, 86.0550, 60.1473



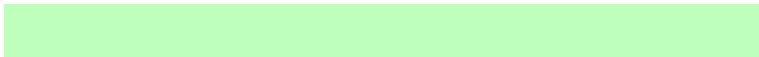
75.9662, 63.4574, 102.8524

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.



105.1632, 86.0550, 103.1314



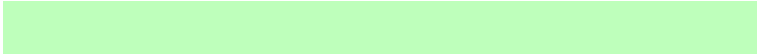
65.9648, 86.0550, 60.1473



90.0133, 86.0550, 164.1230

Square

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



65.9648, 86.0550, 60.1473



69.0373, 86.0550, 151.2076



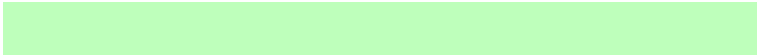
99.9693, 86.0550, 137.8595



96.0297, 86.0550, 53.0070

Rectangle

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



65.9648, 86.0550, 60.1473



62.3384, 86.0550, 106.6778



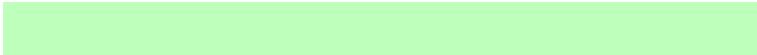
99.9693, 86.0550, 137.8595



104.9239, 86.0550, 81.8185

Sweetspot

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



65.9653, 86.0552, 60.1486



85.1238, 95.2424, 92.1917



84.8948, 94.2179, 60.7265



17.8456, 20.2063, 19.1040



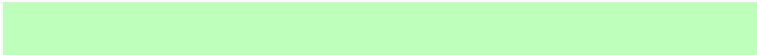
0.0000, 0.0000, 0.0000



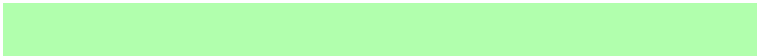
20.3446, 21.4041, 23.3091

Same Dimension

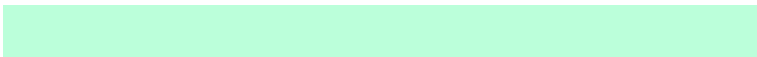
The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.9653, 86.0552, 60.1486



61.4727, 83.8996, 52.6927



68.8569, 87.1262, 79.2444



17.8456, 20.2063, 19.1040



18.7909, 37.4252, 6.2334



1.8545, 3.6568, 0.6081

Inverse Universe

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



75.9662, 63.4574, 102.8524



72.9989, 57.8447, 101.9254



72.5199, 62.2053, 78.9911



18.7088, 18.2572, 22.7879



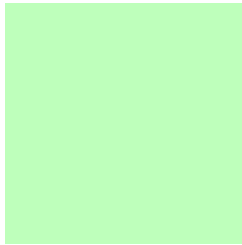
28.9163, 13.8174, 50.5775



2.8390, 1.3575, 4.9257

Previews

White Background



This preview shows how the XYZ color 65.9648, 86.0550, 60.1473 looks on a white background.

Color Contrast Check

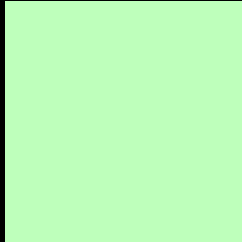
Large Text (above 18pt) WCAG AA × Fail

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 65.9648, 86.0550, 60.1473 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

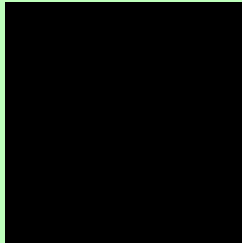
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.9648, 86.0550, 60.1473

Background



This preview shows how black text looks on a background with the XYZ color 65.9648, 86.0550, 60.1473.



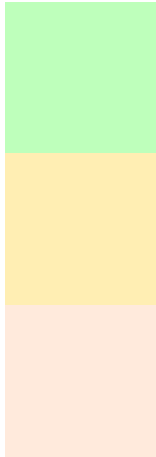
This preview shows how white text looks on a background with the XYZ color 65.9648, 86.0550,

60.1473.

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

65.9648, 86.0550, 60.1473

Protanopia

79.9512, 85.6637, 54.9687

Deuteranopia

83.5811, 85.2729, 79.7643



Tritanopia

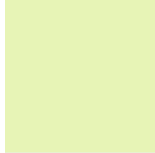
78.4174, 85.4760, 106.9732

Trichromacy



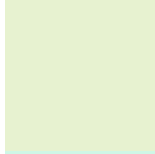
Original Color

65.9648, 86.0550, 60.1473



Protanomaly

73.7492, 85.0677, 56.7887



Deuteranomaly

76.0923, 85.0473, 72.0798



Tritanomaly

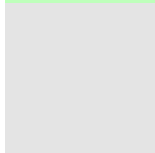
73.2758, 85.5001, 87.5040

Monochromacy



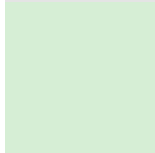
Original Color

65.9648, 86.0550, 60.1473



Achromatopsia

73.7419, 77.5822, 84.4870



Achromatomaly

70.3163, 80.2493, 74.7344

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.9648, 86.0550, 60.1473 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, 187)` looks like.

```
.text, #text, p{  
    color:rgb(190, 255, 187)  
}
```

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, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 255, 187) }
```

Border

The CSS property to change the border of an element to XYZ 65.9648, 86.0550, 60.1473 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, 187) }
```


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

```
.border{ border-color:rgb(190, 255, 187) }
```

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, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 255, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 255, 187);  
box-shadow:4px 4px 4px 4px rgb(190, 255,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 65.9648, 86.0550, 60.1473 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, 187) }
```

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

```
.background{ background-color: rgb(190,  
255, 187) }
```

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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