

Converting Colors

XYZ(66.3531, 86.2655, 59.6991)

Have a look what the booklet for
XYZ(66.3531, 86.2655, 59.6991)
contains.

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Color

**XYZ(66.3612, 86.2716,
59.6089)**

Conversions

Conversions Part 1

Format	Color
Hex	C0FFBA
RGB	192, 255, 186
RGB Percent	75%, 100%, 73%
CMY	0.2471, 0.0000, 0.2706
CMYK	0.25, 0.00, 0.27, 0.00
HSL	115°, 100%, 86%
HSV	115°, 27%, 100%
XYZ	66.3612, 86.2716, 59.6089
YIQ	228.2970, -15.3990, -34.8150

Conversions

Conversions Part 2

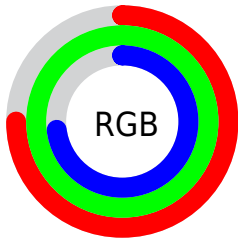
Format	Color
RYB	186, 255, 249
Decimal	12648378
CIELab	94.43, -32.41, 26.78
CIElCh	94, 42.047, 140.435
Yxy	86.2716, 0.3127, 0.4065
Android (android.graphics.Color)	4290838458 (0xFFC0FFBA)
YUV	228.2970, -20.8524, -31.8325
Hunter-Lab	92.8825, -35.0126, 26.9674

Details

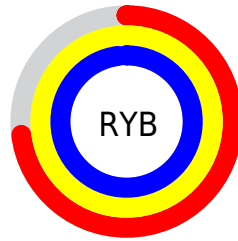
The XYZ color **66.3612, 86.2716, 59.6089** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **74.6767, 62.4788, 102.7315**, and the grayscale version is **74.1159, 77.9757, 84.9155**.

A 20% lighter version of the original color is **90.8539, 98.0705, 98.1454**, and **34.6755, 47.3725, 29.1460** is the 20% darker color. If you saturate the color by 10%, you get **58.4511, 82.4796, 46.3281**, and if you desaturate by 10%, it is **75.6889, 90.7385, 75.4838**.

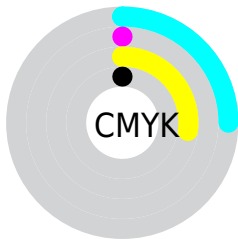
Distribution



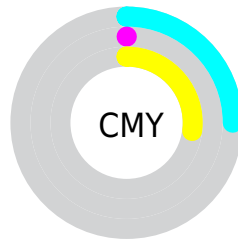
- Red (75%)
- Green (100%)
- Blue (73%)



- Red (73%)
- Yellow (100%)
- Blue (98%)



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





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

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.3612, 86.2716, 59.6089 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 66.3612, 86.2716, 59.6089 by changing the saturation by 10% instead.


 66.3612, 86.2716,
59.6089

 66.3612, 86.2716,
59.6089

437.1359,
515.8264, 440.9192

 48.8345, 64.8926,
42.6802


 113.0595,
142.1484, 105.7999

 34.7022, 47.3740,
29.3048


142.9617,
177.4151, 135.8994

 23.5990, 33.3314,
19.0639


177.7198,
218.0797, 171.2262

 15.1595, 22.3804,
11.5392

217.6991,
264.5266, 212.1989

 9.0185, 14.1367,
6.3120

263.2650,
317.1404, 259.2360

 4.8104, 8.2158,
2.9639

314.7829,

 2.1701, 4.2334,

376.3054, 312.7560

1.0762

372.6180,
442.4059, 373.1776

0.7269, 1.8049,
0.0000

0.0000, 0.4902,
0.0000

66.3612, 86.2716,
59.6089

66.3612, 86.2716,
59.6089

58.4511, 82.4796,
46.3281

75.6889, 90.7385,
75.4838

51.8873, 79.3287,
35.4998

86.4971, 95.9101,
94.0762

46.5951, 76.7837,
26.9751

95.0500, 100.0000,
108.9000

42.4917, 74.8055,
20.5874

■ 39.4843, 73.3503,
16.1473

■ 37.4664, 72.3680,
13.4328

■ 36.3084, 71.7980,
12.1602

■ 36.0947, 71.6925,
11.9357

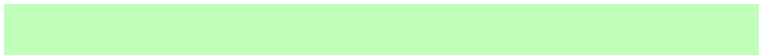
Harmonies

Analogous

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



74.6430, 86.2716, 46.8527



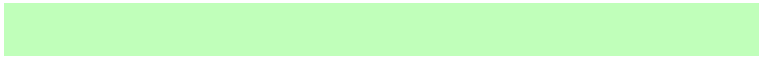
66.3612, 86.2716, 59.6089



62.3824, 86.2716, 83.9686

Triad

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



66.3612, 86.2716, 59.6089



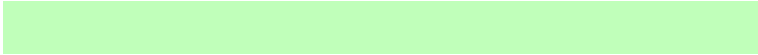
78.4404, 86.2716, 169.6402



104.0939, 86.2716, 73.8384

Complementary

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



66.3612, 86.2716, 59.6089



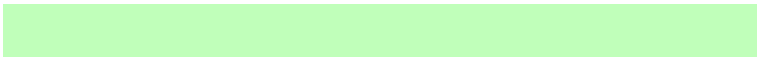
74.6767, 62.4788, 102.7315

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.



105.3481, 86.2716, 104.6606



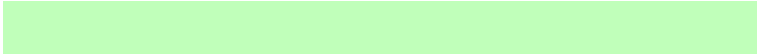
66.3612, 86.2716, 59.6089



89.8222, 86.2716, 165.1553

Square

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



66.3612, 86.2716, 59.6089



68.9213, 86.2716, 150.5441



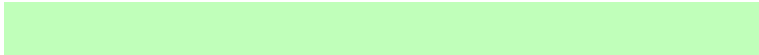
99.9176, 86.2716, 139.4137



96.6335, 86.2716, 53.6624

Rectangle

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



66.3612, 86.2716, 59.6089



62.4301, 86.2716, 105.6641



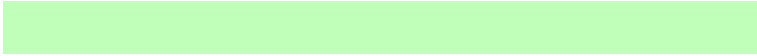
99.9176, 86.2716, 139.4137



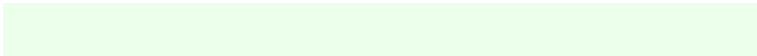
105.2804, 86.2716, 83.1079

Sweetspot

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



66.3618, 86.2719, 59.6102



85.4139, 95.3920, 92.2053



83.7014, 92.0017, 59.8023



17.9179, 20.2436, 19.1074



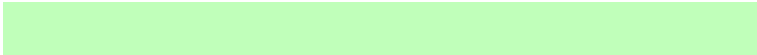
0.0000, 0.0000, 0.0000



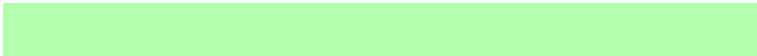
20.3446, 21.4041, 23.3091

Same Dimension

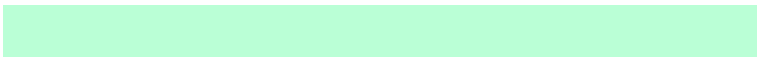
The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.3618, 86.2719, 59.6102



62.2794, 84.3154, 52.7304



68.0970, 86.7941, 76.5156



17.9179, 20.2436, 19.1074



18.9099, 37.4865, 6.2390



1.8887, 3.6744, 0.6097

Inverse Universe

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



74.6767, 62.4788, 102.7315



71.7482, 57.1999, 101.8669



72.7200, 61.9471, 81.0878



18.6277, 18.2153, 22.7841



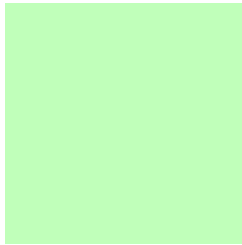
27.0259, 12.8429, 50.4891



2.6753, 1.2731, 4.9180

Previews

White Background



This preview shows how the XYZ color 66.3612, 86.2716, 59.6089 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 66.3612, 86.2716, 59.6089 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 66.3612, 86.2716, 59.6089

Background



This preview shows how black text looks on a background with the XYZ color 66.3612, 86.2716, 59.6089.



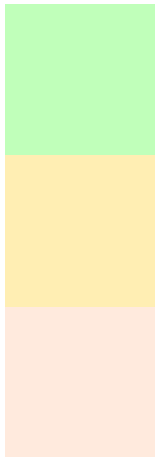
This preview shows how white text looks on a background with the XYZ color 66.3612, 86.2716,

59.6089.

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

66.3612, 86.2716, 59.6089

Protanopia

79.9512, 85.6637, 54.9687

Deuteranopia

83.7140, 85.3261, 80.4640



Tritanopia

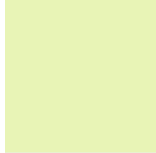
78.7156, 85.6297, 106.9872

Trichromacy



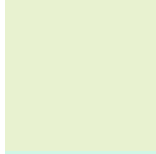
Original Color

66.3612, 86.2716, 59.6089



Protanomaly

74.0729, 85.2346, 56.8038



Deuteranomaly

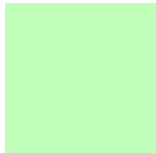
76.4160, 85.2141, 72.0949



Tritanomaly

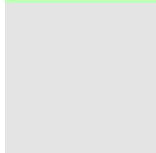
73.8382, 85.7900, 87.5304

Monochromacy



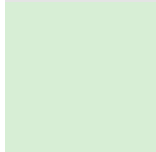
Original Color

66.3612, 86.2716, 59.6089



Achromatopsia

73.7419, 77.5822, 84.4870



Achromatomaly

70.6091, 80.4002, 74.7481

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.3612, 86.2716, 59.6089 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, 186)` looks like.

```
.text, #text, p{  
    color:rgb(192, 255, 186)  
}
```

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, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 255, 186) }
```

Border

The CSS property to change the border of an element to XYZ 66.3612, 86.2716, 59.6089 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, 186) }
```


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

```
.border{ border-color:rgb(192, 255, 186) }
```

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, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 255, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 255, 186);  
box-shadow:4px 4px 4px 4px rgb(192, 255,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 66.3612, 86.2716, 59.6089 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, 186) }
```

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

```
.background{ background-color: rgb(192,  
255, 186) }
```

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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