

Converting Colors

XYZ(76.2609, 111.5100,
48.3161)

Have a look what the booklet for
XYZ(76.2609, 111.5100, 48.3161)
contains.

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Color

**XYZ(62.9116, 84.8337,
44.0691)**

Conversions

Conversions Part 1

Format	Color
Hex	BEFF9B
RGB	190, 255, 155
RGB Percent	75%, 100%, 61%
CMY	0.2549, 0.0000, 0.3921
CMYK	0.25, 0.00, 0.39, 0.00
HSL	99°, 100%, 80%
HSV	99°, 39%, 100%
XYZ	62.9116, 84.8337, 44.0691
YIQ	224.1650, -6.6400, -44.8800

Conversions

Conversions Part 2

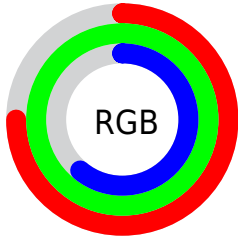
Format	Color
RYB	155, 255, 220
Decimal	12517275
CIELab	93.81, -37.58, 41.39
CIELCh	94, 55.903, 132.237
Yxy	84.8337, 0.3280, 0.4423
Android (android.graphics.Color)	4290707355 (0xFFBEFF9B)
YUV	224.1650, -34.0983, -29.9627
Hunter-Lab	92.1052, -39.2614, 36.1055

Details

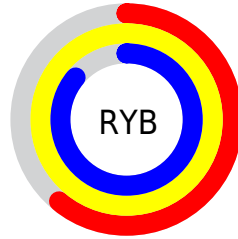
The XYZ color **62.9116, 84.8337, 44.0691** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **59.2877, 45.8796, 100.3386**, and the grayscale version is **71.2087, 74.9171, 81.5848**.

A 20% lighter version of the original color is **86.1043, 96.1296, 74.9895**, and **32.4239, 46.4158, 19.8206** is the 20% darker color. If you saturate the color by 10%, you get **57.0837, 82.0512, 33.7734**, and if you desaturate by 10%, it is **69.6633, 88.0402, 56.7709**.

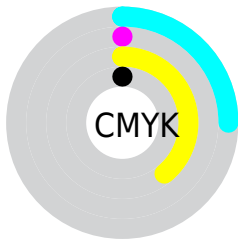
Distribution



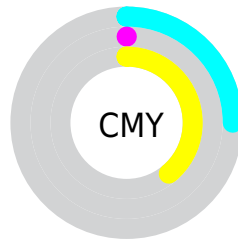
- Red (75%)
- Green (100%)
- Blue (61%)



- Red (61%)
- Yellow (100%)
- Blue (86%)



- Cyan (25%)
- Magenta (0%)
- Yellow (39%)
- Black (0%)





- Cyan (25%)
- Magenta (0%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.9116, 84.8337, 44.0691 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 62.9116, 84.8337, 44.0691 by changing the saturation by 10% instead.

 62.9116, 84.8337,
44.0691


 62.9116, 84.8337,
44.0691


424.9134,
511.0776, 379.0398

 46.0281, 63.7040,
30.3872


 108.1245,
140.1408, 82.6253

 32.4727, 46.4110,
19.8782


 137.1846,
175.0870, 108.3367

 21.8801, 32.5702,
12.1233


171.0342,
215.4074, 138.8951

 13.8849, 21.7974,
6.7042

210.0388,
261.4866, 174.7189

 8.1218, 13.7081,
3.2022

254.5636,
313.7087, 216.2267

 4.2255, 7.9179,
1.1988

304.9741,

 1.8305, 4.0425,

372.4584, 263.8371

0.0000

361.6356,
438.1199, 317.9686

■ 0.5359, 1.6974,
0.0000

■ 0.0000, 0.4219,
0.0000

■ 62.9116, 84.8337,
44.0691

■ 62.9116, 84.8337,
44.0691

■ 57.0837, 82.0512,
33.7734

■ 69.6633, 88.0402,
56.7709

■ 52.1342, 79.6725,
25.7280

■ 77.3790, 91.6884,
72.0137

■ 48.0148, 77.6766,
19.7651

■ 86.0974, 95.7954,
89.9268

■ 44.6714, 76.0398,
15.6912

95.0500, 100.0000,
108.9000

■ 42.0420, 74.7350,
13.2771

■ 40.0410, 73.7257,
12.1776

■ 39.9035, 73.6561,
12.1139

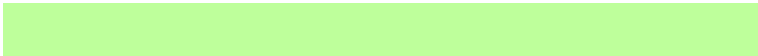
Harmonies

Analogous

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



74.7266, 84.8337, 33.2615



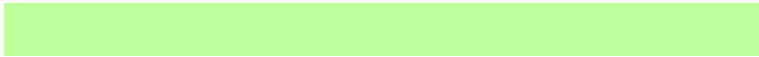
62.9116, 84.8337, 44.0691



56.3696, 84.8337, 69.5885

Triad

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



62.9116, 84.8337, 44.0691



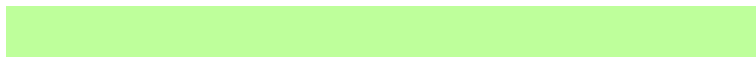
72.2261, 84.8337, 194.2552



111.8993, 84.8337, 76.0894

Complementary

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



62.9116, 84.8337, 44.0691



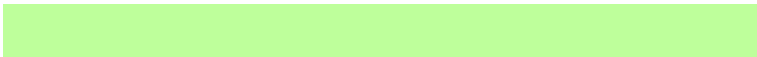
59.2877, 45.8796, 100.3386

Split Complementary

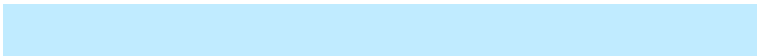
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



111.0147, 84.8337, 119.6476



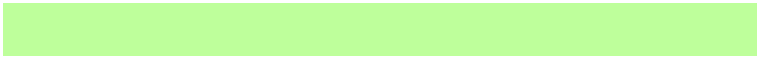
62.9116, 84.8337, 44.0691



86.8404, 84.8337, 197.6257

Square

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



62.9116, 84.8337, 44.0691



61.2754, 84.8337, 159.0089



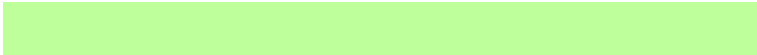
101.4016, 84.8337, 167.1558



103.6876, 84.8337, 47.5632

Rectangle

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



62.9116, 84.8337, 44.0691



55.3205, 84.8337, 95.6004



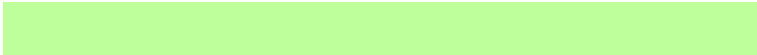
101.4016, 84.8337, 167.1558



112.6816, 84.8337, 89.2122

Sweetspot

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



62.9120, 84.8339, 44.0704



83.5660, 94.6044, 84.6618



72.7501, 74.8136, 41.6177



17.6384, 20.1324, 17.6084



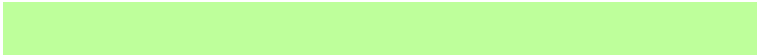
0.0000, 0.0000, 0.0000



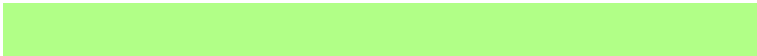
20.3446, 21.4041, 23.3091

Same Dimension

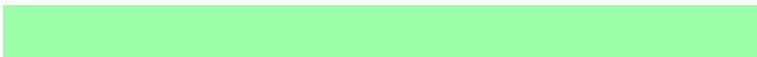
The Same Dimension uses a secret algorithm to generate beautiful new colors.



62.9120, 84.8339, 44.0704



58.2971, 82.6319, 35.8541



56.5340, 81.3912, 50.7618



18.3712, 20.4773, 19.1286



20.9957, 38.5617, 6.3366



2.1571, 3.8128, 0.6223

Inverse Universe

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



59.2877, 45.8796, 100.3386



54.1912, 38.7441, 99.2299



68.6901, 50.9949, 88.6611



18.1395, 17.9636, 22.7612



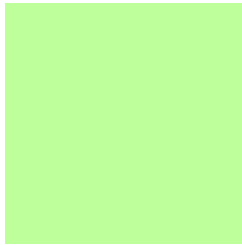
17.7893, 8.0812, 50.0568



1.8503, 0.8478, 4.8794

Previews

White Background



This preview shows how the XYZ color 62.9116, 84.8337, 44.0691 looks on a white background.

Color Contrast Check

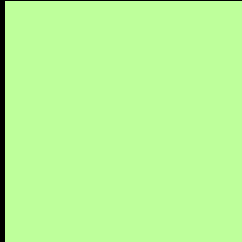
Large Text (above 18pt) WCAG AA × Fail

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 62.9116, 84.8337, 44.0691 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 62.9116, 84.8337, 44.0691

Background



This preview shows how black text looks on a background with the XYZ color 62.9116, 84.8337, 44.0691.

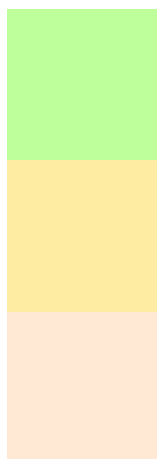


This preview shows how white text looks on a background with the XYZ color 62.9116, 84.8337,

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

62.9116, 84.8337, 44.0691

Protanopia

77.8463, 83.8952, 46.7408

Deuteranopia

82.2626, 84.2913, 74.2215



Tritanopia

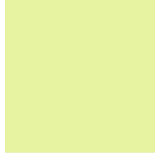
77.5296, 84.5777, 106.8466

Trichromacy



Original Color

62.9116, 84.8337, 44.0691



Protanomaly

71.3508, 83.6282, 45.6390



Deuteranomaly

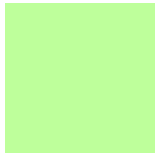
73.8143, 83.6611, 61.5480



Tritanomaly

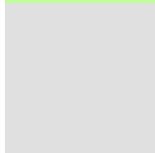
71.1955, 84.1478, 79.5076

Monochromacy



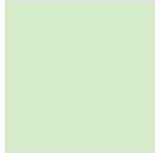
Original Color

62.9116, 84.8337, 44.0691



Achromatopsia

70.8507, 74.5404, 81.1745



Achromatomaly

67.1685, 77.5372, 65.4589

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.9116, 84.8337, 44.0691 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, 155)` looks like.

```
.text, #text, p{  
    color:rgb(190, 255, 155)  
}
```

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, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 255, 155) }
```

Border

The CSS property to change the border of an element to XYZ 62.9116, 84.8337, 44.0691 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, 155) }
```


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

```
.border{ border-color:rgb(190, 255, 155) }
```

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, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 255, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 255, 155);  
box-shadow:4px 4px 4px 4px rgb(190, 255,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 62.9116, 84.8337, 44.0691 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, 155) }
```

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

```
.background{ background-color: rgb(190,  
255, 155) }
```

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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