

Converting Colors

XYZ(62.8565, 84.5398, 56.0617)

Have a look what the booklet for
XYZ(62.8565, 84.5398, 56.0617)
contains.

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Color

**XYZ(62.8206, 84.5186,
56.1827)**

Conversions

Conversions Part 1

Format	Color
Hex	B4FFB4
RGB	180, 255, 180
RGB Percent	71%, 100%, 71%
CMY	0.2941, 0.0000, 0.2941
CMYK	0.29, 0.00, 0.29, 0.00
HSL	120°, 100%, 85%
HSV	120°, 29%, 100%
XYZ	62.8206, 84.5186, 56.1827
YIQ	224.0250, -20.6250, -39.2250

Conversions

Conversions Part 2

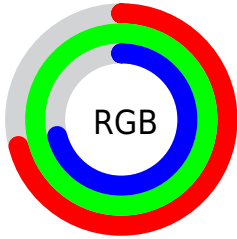
Format	Color
RYB	180, 255, 255
Decimal	11861940
CIELab	93.68, -37.20, 28.68
CIELCh	94, 46.974, 142.370
Yxy	84.5186, 0.3087, 0.4153
Android (android.graphics.Color)	4290052020 (0xFFB4FFB4)
YUV	224.0250, -21.7043, -38.6099
Hunter-Lab	91.9340, -38.9114, 28.1205

Details

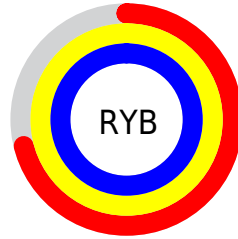
The XYZ color **62.8206, 84.5186, 56.1827** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **75.6113, 61.1229, 102.4195**, and the grayscale version is **71.0298, 74.7289, 81.3798**.

A 20% lighter version of the original color is **85.8254, 95.5807, 93.2823**, and **32.4823, 46.2804, 27.2997** is the 20% darker color. If you saturate the color by 10%, you get **55.0567, 80.7892, 43.4839**, and if you desaturate by 10%, it is **72.1555, 89.0026, 71.4520**.

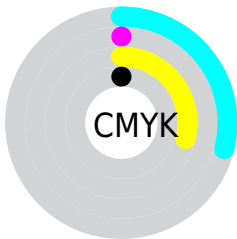
Distribution



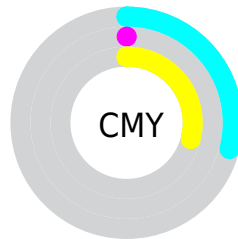
- Red (71%)
- Green (100%)
- Blue (71%)



- Red (71%)
- Yellow (100%)
- Blue (100%)



- Cyan (29%)
- Magenta (0%)
- Yellow (29%)
- Black (0%)





- Cyan (29%)
- Magenta (0%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.8206, 84.5186, 56.1827 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 62.8206, 84.5186, 56.1827 by changing the saturation by 10% instead.


 62.8206, 84.5186,
56.1827

 62.8206, 84.5186,
56.1827


424.5881,
510.0338, 427.7873

 45.9542, 63.4437,
39.9444


 107.9939,
139.7004, 100.7601

 32.4141, 46.2002,
27.1818


137.0315,
174.5761, 129.9364

 21.8351, 32.4039,
17.4761


170.8569,
214.8208, 164.2623

 13.8517, 21.6702,
10.4090

209.8355,
260.8189, 204.1566

 8.0986, 13.6147,
5.5618

254.3325,
312.9549, 250.0377

 4.2104, 7.8532,
2.5161

304.7134,

 1.8219, 4.0012,

371.6131, 302.3241

0.8487

361.3435,
437.1779, 361.4345

■ 0.5308, 1.6742,
0.0000

■ 0.0000, 0.4069,
0.0000

■ 62.8206, 84.5186,
56.1827

■ 62.8206, 84.5186,
56.1827

■ 55.0567, 80.7892,
43.4839

■ 72.1555, 89.0026,
71.4520

■ 48.7761, 77.7723,
33.2108

■ 83.1394, 94.2787,
89.4181

■ 43.8847, 75.4227,
25.2100

■ 95.0500, 100.0000,
108.9000

■ 40.2773, 73.6899,
19.3092

■ 37.8334, 72.5159,
15.3117

■ 36.4099, 71.8322,
12.9832

■ 35.7870, 71.5330,
11.9643

■ 35.7600, 71.5200,
11.9201

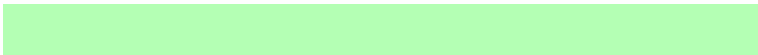
Harmonies

Analogous

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



71.5590, 84.5186, 42.0589



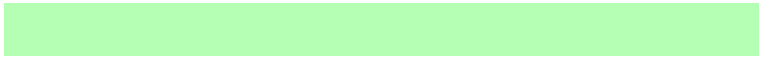
62.8206, 84.5186, 56.1827



58.8584, 84.5186, 83.2171

Triad

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



62.8206, 84.5186, 56.1827



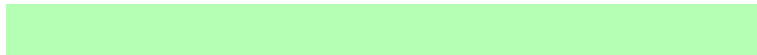
77.1945, 84.5186, 178.1110



104.5743, 84.5186, 68.3153

Complementary

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



62.8206, 84.5186, 56.1827



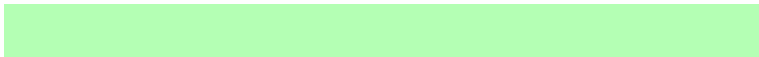
75.6113, 61.1229, 102.4195

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.



106.4815, 84.5186, 101.4364



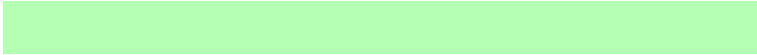
62.8206, 84.5186, 56.1827



89.7951, 84.5186, 171.1320

Square

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



62.8206, 84.5186, 56.1827



66.5804, 84.5186, 157.7273



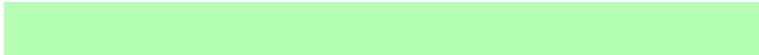
100.8291, 84.5186, 140.5723



95.8585, 84.5186, 47.6967

Rectangle

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



62.8206, 84.5186, 56.1827



59.1383, 84.5186, 107.5136



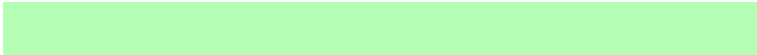
100.8291, 84.5186, 140.5723



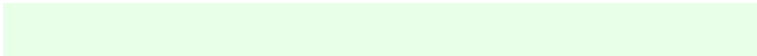
106.0671, 84.5186, 78.1028

Sweetspot

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



62.8211, 84.5188, 56.1840



83.6276, 94.5132, 90.2167



85.2383, 96.0753, 57.2325



17.5329, 20.0535, 18.7101



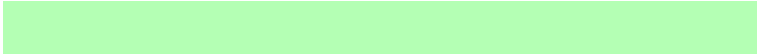
0.0000, 0.0000, 0.0000



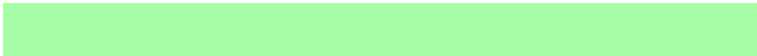
20.3446, 21.4041, 23.3091

Same Dimension

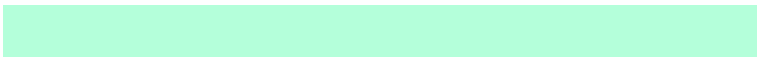
The Same Dimension uses a secret algorithm to generate beautiful new colors.



62.8211, 84.5188, 56.1840



58.2937, 82.3441, 48.7786



67.1723, 86.2593, 79.0969



17.7717, 20.1682, 19.1006



18.6854, 37.3707, 6.2285



1.8193, 3.6387, 0.6065

Inverse Universe

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



75.6113, 61.1229, 102.4195



72.8806, 55.6615, 101.5091



70.1511, 58.9388, 73.6665



18.7927, 18.3004, 22.7917



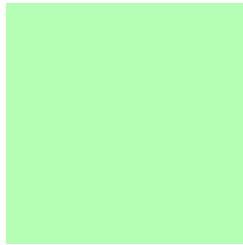
30.9800, 14.8813, 50.6724



3.0164, 1.4489, 4.9338

Previews

White Background



This preview shows how the XYZ color 62.8206, 84.5186, 56.1827 looks on a white background.

Color Contrast Check

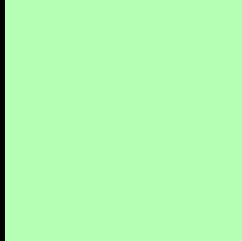
Large Text (above 18pt) WCAG AA × Fail

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 62.8206, 84.5186, 56.1827 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

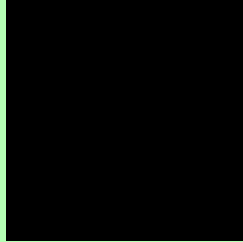
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.8206, 84.5186, 56.1827

Background



This preview shows how black text looks on a background with the XYZ color 62.8206, 84.5186, 56.1827.

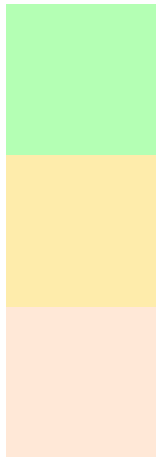


This preview shows how white text looks on a background with the XYZ color 62.8206, 84.5186,

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

62.8206, 84.5186, 56.1827

Protanopia

78.2192, 84.0020, 50.6195

Deuteranopia

82.3624, 83.8795, 76.1394



Tritanopia

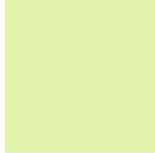
76.3805, 84.4259, 106.8779

Trichromacy



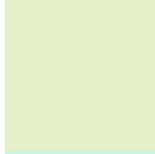
Original Color

62.8206, 84.5186, 56.1827



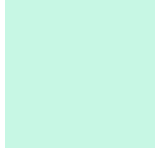
Protanomaly

71.3691, 83.4881, 52.3977



Deuteranomaly

73.8157, 83.0784, 68.0224



Tritanomaly

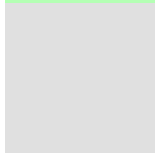
70.8175, 84.2651, 85.9311

Monochromacy



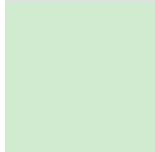
Original Color

62.8206, 84.5186, 56.1827



Achromatopsia

70.8507, 74.5404, 81.1745



Achromatomaly

67.1059, 77.3806, 71.0736

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.8206, 84.5186, 56.1827 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(180, 255, 180)` looks like.

```
.text, #text, p{  
    color:rgb(180, 255, 180)  
}
```

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(180, 255, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 255, 180) }
```

Border

The CSS property to change the border of an element to XYZ 62.8206, 84.5186, 56.1827 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(180, 255, 180) }
```


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

```
.border{ border-color:rgb(180, 255, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 255, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 255, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 255, 180);  
box-shadow:4px 4px 4px 4px rgb(180, 255,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 62.8206, 84.5186, 56.1827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 255, 180) }
```

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

```
.background{ background-color: rgb(180,  
255, 180) }
```

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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