

Converting Colors

XYZ(62.6070, 84.4138, 55.9315)

Have a look what the booklet for
XYZ(62.6070, 84.4138, 55.9315)
contains.

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Color

**XYZ(62.5886, 84.3990,
56.1719)**

Conversions

Conversions Part 1

Format	Color
Hex	B3FFB4
RGB	179, 255, 180
RGB Percent	70%, 100%, 71%
CMY	0.2980, 0.0000, 0.2941
CMYK	0.30, 0.00, 0.29, 0.00
HSL	121°, 100%, 85%
HSV	121°, 30%, 100%
XYZ	62.5886, 84.3990, 56.1719
YIQ	223.7260, -21.2210, -39.4370

Conversions

Conversions Part 2

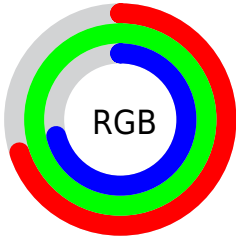
Format	Color
RYB	179, 254, 255
Decimal	11796404
CIELab	93.62, -37.52, 28.60
CIELCh	94, 47.175, 142.678
Yxy	84.3990, 0.3081, 0.4154
Android (android.graphics.Color)	4289986484 (0xFFB3FFB4)
YUV	223.7260, -21.5569, -39.2247
Hunter-Lab	91.8689, -39.1619, 28.0563

Details

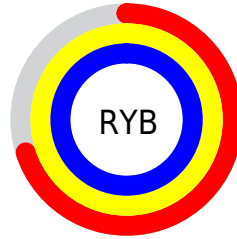
The XYZ color **62.5886, 84.3990, 56.1719** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **75.2495, 60.6563, 101.5065**, and the grayscale version is **70.8154, 74.5033, 81.1341**.

A 20% lighter version of the original color is **85.4924, 95.4090, 93.2667**, and **32.3370, 46.2056, 27.2929** is the 20% darker color. If you saturate the color by 10%, you get **54.8945, 80.7023, 43.6231**, and if you desaturate by 10%, it is **71.8390, 88.8441, 71.2253**.

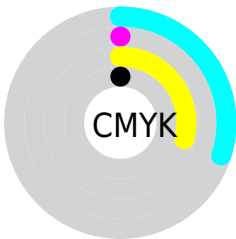
Distribution



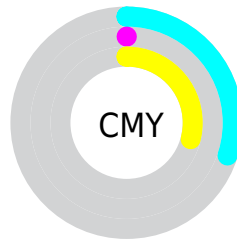
- Red (70%)
- Green (100%)
- Blue (71%)



- Red (70%)
- Yellow (100%)
- Blue (100%)



- Cyan (30%)
- Magenta (0%)
- Yellow (29%)
- Black (0%)



- Cyan (30%)
- Magenta (0%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.5886, 84.3990, 56.1719 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 62.5886, 84.3990, 56.1719 by changing the saturation by 10% instead.

62.5886, 84.3990,
56.1719

62.5886, 84.3990,
56.1719

423.7583,
509.6373, 427.7455

45.7659, 63.3449,
39.9358

107.6609,
139.5332, 100.7442

32.2649, 46.1203,
27.1751

136.6412,
174.3821, 129.9175

21.7205, 32.3408,
17.4712

170.4047,
214.5980, 164.2403

13.7671, 21.6219,
10.4055

209.3169,
260.5654, 204.1311

8.0395, 13.5793,
5.5595

253.7429,
312.6686, 250.0085

4.1722, 7.8287,
2.5147

304.0483,

1.8000, 3.9855,

371.2921, 302.2910

0.8479

360.5983,
436.8202, 361.3971

■ 0.5177, 1.6655,
0.0000

■ 0.0000, 0.4011,
0.0000

■ 62.5886, 84.3990,
56.1719

■ 62.5886, 84.3990,
56.1719

■ 54.8945, 80.7023,
43.6231

■ 71.8390, 88.8441,
71.2253

■ 48.6697, 77.7123,
33.4395

■ 82.7229, 94.0749,
88.9048

■ 43.8212, 75.3840,
25.4740

95.0500, 100.0000,
108.9000

■ 40.2446, 73.6674,
19.5616

■ 37.8208, 72.5050,
15.5140

■ 36.4080, 71.8284,
13.1090

■ 35.7874, 71.5317,
12.0315

■ 35.7784, 71.5274,
12.0169

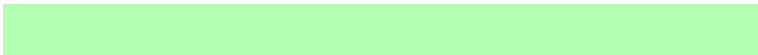
Harmonies

Analogous

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



71.3071, 84.3990, 41.9051



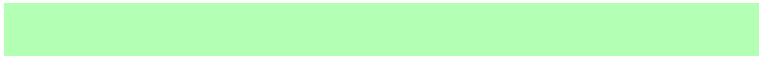
62.5886, 84.3990, 56.1719



58.6700, 84.3990, 83.4029

Triad

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



62.5886, 84.3990, 56.1719



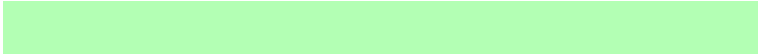
77.1955, 84.3990, 178.4354



104.4925, 84.3990, 67.8371

Complementary

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



62.5886, 84.3990, 56.1719



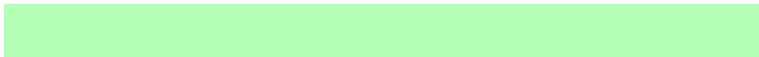
75.2495, 60.6563, 101.5065

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.



106.4871, 84.3990, 100.9473



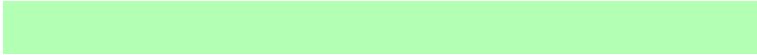
62.5886, 84.3990, 56.1719



89.8435, 84.3990, 171.1304

Square

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



62.5886, 84.3990, 56.1719



66.5156, 84.3990, 158.1972



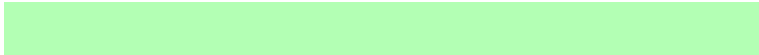
100.8828, 84.3990, 140.2468



95.6853, 84.3990, 47.3181

Rectangle

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



62.5886, 84.3990, 56.1719



58.9870, 84.3990, 107.8408



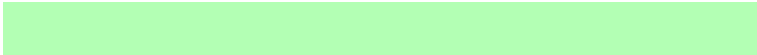
100.8828, 84.3990, 140.2468



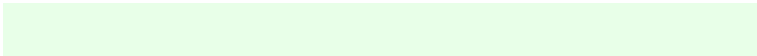
106.0168, 84.3990, 77.6061

Sweetspot

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



62.5891, 84.3992, 56.1732



83.6706, 94.5304, 90.4429



85.1368, 96.0347, 56.6977



17.5434, 20.0577, 18.7651



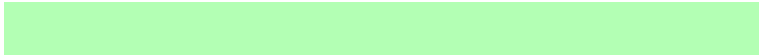
0.0000, 0.0000, 0.0000



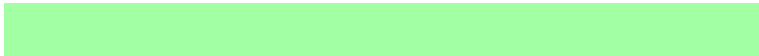
20.3446, 21.4041, 23.3091

Same Dimension

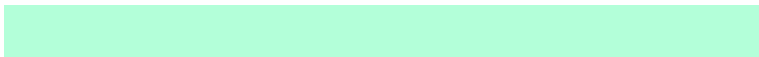
The Same Dimension uses a secret algorithm to generate beautiful new colors.



62.5891, 84.3992, 56.1732



57.6431, 82.0228, 48.1101



66.8751, 86.1136, 78.7429



17.7813, 20.1721, 19.1513



18.6992, 37.3763, 6.3012



1.8239, 3.6405, 0.6307

Inverse Universe

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



75.2495, 60.6563, 101.5065



72.2286, 54.6678, 100.3351



69.8848, 58.5104, 73.2563



18.7818, 18.2960, 22.7339



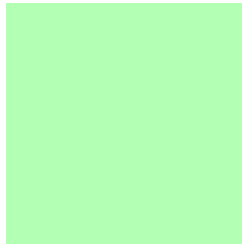
30.7048, 14.7712, 49.2234



2.9928, 1.4395, 4.8096

Previews

White Background



This preview shows how the XYZ color 62.5886, 84.3990, 56.1719 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 62.5886, 84.3990, 56.1719 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

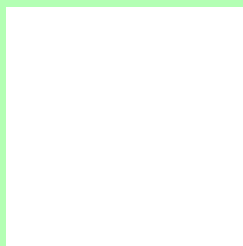
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.5886, 84.3990, 56.1719

Background



This preview shows how black text looks on a background with the XYZ color 62.5886, 84.3990, 56.1719.

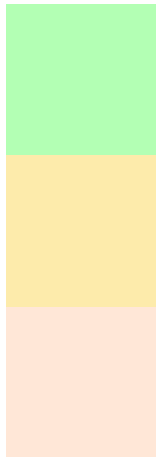


This preview shows how white text looks on a background with the XYZ color 62.5886, 84.3990,

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

62.5886, 84.3990, 56.1719

Protanopia

77.5670, 83.2396, 50.5067

Deuteranopia

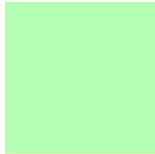
82.0817, 83.3181, 76.0458



Tritanopia

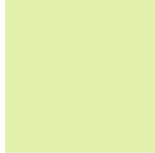
76.0966, 84.2796, 106.8646

Trichromacy



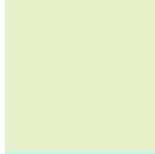
Original Color

62.5886, 84.3990, 56.1719



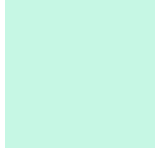
Protanomaly

70.7561, 82.7290, 52.2834



Deuteranomaly

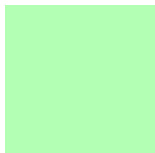
73.4993, 82.9153, 68.0075



Tritanomaly

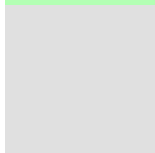
70.5531, 84.1287, 85.9187

Monochromacy



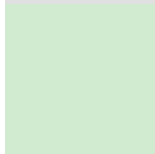
Original Color

62.5886, 84.3990, 56.1719



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 62.5886, 84.3990, 56.1719 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(179, 255, 180)` looks like.

```
.text, #text, p{  
    color:rgb(179, 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(179, 255, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 255, 180) }
```

Border

The CSS property to change the border of an element to XYZ 62.5886, 84.3990, 56.1719 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(179, 255, 180) }
```


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

```
.border{ border-color:rgb(179, 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(179, 255, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 255, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 255, 180);  
box-shadow:4px 4px 4px 4px rgb(179, 255,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 62.5886, 84.3990, 56.1719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 255, 180) }
```

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

```
.background{ background-color: rgb(179,  
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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