

Converting Colors

XYZ(62.3377, 84.2866, 55.3929)

Have a look what the booklet for
XYZ(62.3377, 84.2866, 55.3929)
contains.

XYZ(62.4871, 84.3584, 55.6372)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(62.4871, 84.3584,
55.6372)**

Conversions

Conversions Part 1

Format	Color
Hex	B3FFB3
RGB	179, 255, 179
RGB Percent	70%, 100%, 70%
CMY	0.2980, 0.0000, 0.2980
CMYK	0.30, 0.00, 0.30, 0.00
HSL	120°, 100%, 85%
HSV	120°, 30%, 100%
XYZ	62.4871, 84.3584, 55.6372
YIQ	223.6120, -20.9000, -39.7480

Conversions

Conversions Part 2

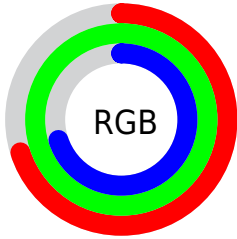
Format	Color
RYB	179, 255, 255
Decimal	11796403
CIELab	93.61, -37.67, 29.08
CIELCh	94, 47.594, 142.335
Yxy	84.3584, 0.3086, 0.4166
Android (android.graphics.Color)	4289986483 (0xFFB3FFB3)
YUV	223.6120, -21.9937, -39.1247
Hunter-Lab	91.8468, -39.2912, 28.3772

Details

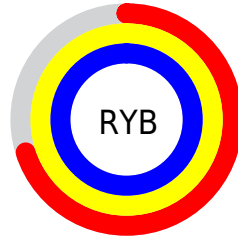
The XYZ color **62.4871, 84.3584, 55.6372** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **75.4101, 60.7206, 102.3524**, and the grayscale version is **70.7369, 74.4207, 81.0441**.

A 20% lighter version of the original color is **85.3475, 95.3510, 92.5036**, and **32.2722, 46.1796, 26.9513** is the 20% darker color. If you saturate the color by 10%, you get **54.7831, 80.6577, 43.0363**, and if you desaturate by 10%, it is **71.7589, 88.8121, 70.8033**.

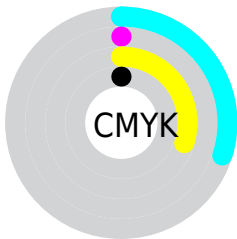
Distribution



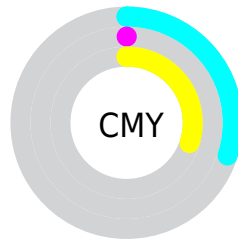
- Red (70%)
- Green (100%)
- Blue (70%)



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



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




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

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.4871, 84.3584, 55.6372 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 62.4871, 84.3584, 55.6372 by changing the saturation by 10% instead.


 62.4871, 84.3584,
55.6372

 62.4871, 84.3584,
55.6372


423.3950,
509.5026, 425.6726

 45.6835, 63.3114,
39.5101


 107.5152,
139.4764, 99.9544

 32.1997, 46.0932,
26.8459


136.4704,
174.3162, 128.9816

 21.6704, 32.3193,
17.2261


170.2068,
214.5224, 163.1459

 13.7301, 21.6055,
10.2322

209.0898,
260.4793, 202.8658

 8.0137, 13.5673,
5.4455

253.4848,
312.5714, 248.5599

 4.1556, 7.8204,
2.4477

303.7571,

 1.7905, 3.9802,

371.1831, 300.6467

0.8123

360.2720,
436.6987, 359.5448

■ 0.5119, 1.6625,
0.0000

■ 0.0000, 0.3992,
0.0000

■ 62.4871, 84.3584,
55.6372

■ 62.4871, 84.3584,
55.6372

■ 54.7831, 80.6577,
43.0363

■ 71.7589, 88.8121,
70.8033

■ 48.5588, 77.6679,
32.8553

■ 82.6767, 94.0565,
88.6613

■ 43.7198, 75.3435,
24.9402

95.0500, 100.0000,
108.9000

■ 40.1604, 73.6337,
19.1180

■ 37.7594, 72.4804,
15.1906

■ 36.3725, 71.8142,
12.9221

■ 35.7690, 71.5243,
11.9349

■ 35.7600, 71.5200,
11.9201

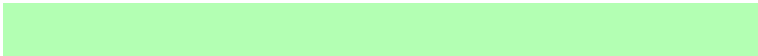
Harmonies

Analogous

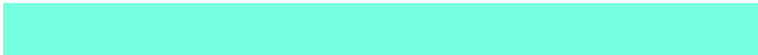
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.3195, 84.3584, 41.4522



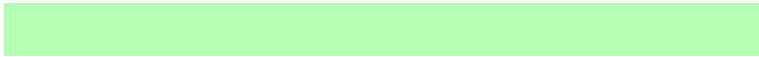
62.4871, 84.3584, 55.6372



58.4824, 84.3584, 82.9028

Triad

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



62.4871, 84.3584, 55.6372



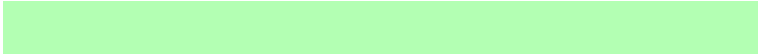
76.9912, 84.3584, 179.2264



104.7478, 84.3584, 67.9226

Complementary

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



62.4871, 84.3584, 55.6372



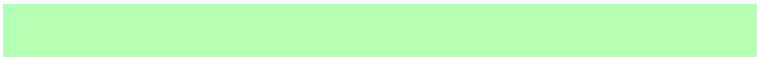
75.4101, 60.7206, 102.3524

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.



106.6733, 84.3584, 101.4230



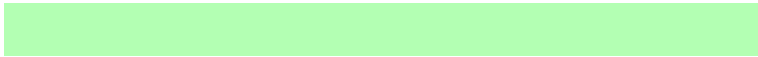
62.4871, 84.3584, 55.6372



89.7458, 84.3584, 172.1599

Square

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



62.4871, 84.3584, 55.6372



66.2660, 84.3584, 158.4680



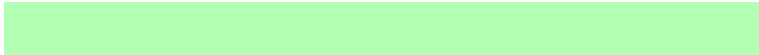
100.9325, 84.3584, 141.1186



95.9172, 84.3584, 47.1404

Rectangle

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



62.4871, 84.3584, 55.6372



58.7607, 84.3584, 107.4893



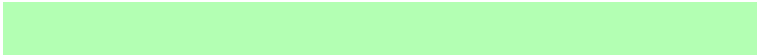
100.9325, 84.3584, 141.1186



106.2591, 84.3584, 77.8099

Sweetspot

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



62.4876, 84.3586, 55.6385



83.6276, 94.5132, 90.2167



85.1368, 96.0347, 56.6978



17.5329, 20.0535, 18.7101



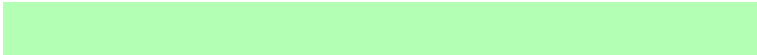
0.0000, 0.0000, 0.0000



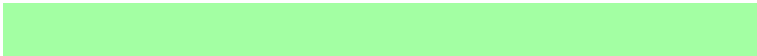
20.3446, 21.4041, 23.3091

Same Dimension

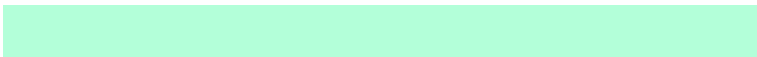
The Same Dimension uses a secret algorithm to generate beautiful new colors.



62.4876, 84.3586, 55.6385



57.5342, 81.9792, 47.5363



66.8751, 86.1136, 78.7430



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.



75.4101, 60.7206, 102.3524



72.4225, 54.7454, 101.3563



69.8848, 58.5105, 73.2564



18.7927, 18.3004, 22.7917



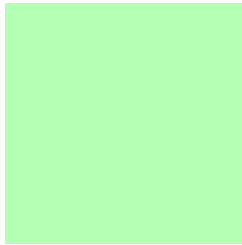
30.9800, 14.8813, 50.6724



3.0164, 1.4489, 4.9338

Previews

White Background



This preview shows how the XYZ color 62.4871, 84.3584, 55.6372 looks on a white background.

Color Contrast Check

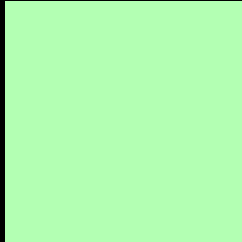
Large Text (above 18pt) WCAG AA × Fail

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 62.4871, 84.3584, 55.6372 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

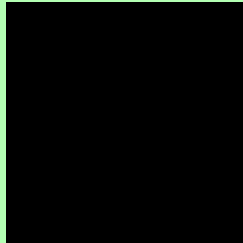
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.4871, 84.3584, 55.6372

Background



This preview shows how black text looks on a background with the XYZ color 62.4871, 84.3584, 55.6372.



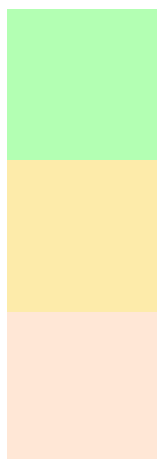
This preview shows how white text looks on a background with the XYZ color 62.4871, 84.3584,

55.6372.

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

62.4871, 84.3584, 55.6372

Protanopia

77.4720, 83.2016, 50.0065

Deuteranopia

81.9535, 83.2669, 75.3710



Tritanopia

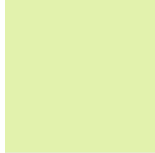
75.7998, 83.6859, 106.7657

Trichromacy



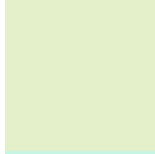
Original Color

62.4871, 84.3584, 55.6372



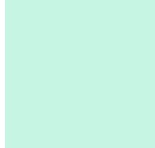
Protanomaly

70.6590, 82.6901, 51.7718



Deuteranomaly

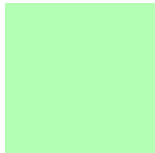
73.3813, 82.8681, 67.3859



Tritanomaly

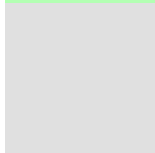
70.1096, 83.4634, 85.0879

Monochromacy



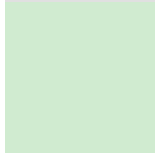
Original Color

62.4871, 84.3584, 55.6372



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 62.4871, 84.3584, 55.6372 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, 179)` looks like.

```
.text, #text, p{  
    color:rgb(179, 255, 179)  
}
```

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, 179) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 62.4871, 84.3584, 55.6372 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, 179) }
```


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

```
.border{ border-color:rgb(179, 255, 179) }
```

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, 179)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 62.4871, 84.3584, 55.6372 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, 179) }
```

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

```
.background{ background-color: rgb(179,  
255, 179) }
```

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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