

Converting Colors

XYZ(61.2028, 83.6982, 55.4935)

Have a look what the booklet for
XYZ(61.2028, 83.6982, 55.4935)
contains.

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Color

**XYZ(61.1303, 83.6589,
55.5737)**

Conversions

Conversions Part 1

Format	Color
Hex	ADFFB3
RGB	173, 255, 179
RGB Percent	68%, 100%, 70%
CMY	0.3216, 0.0000, 0.2980
CMYK	0.32, 0.00, 0.30, 0.00
HSL	124°, 100%, 84%
HSV	124°, 32%, 100%
XYZ	61.1303, 83.6589, 55.5737
YIQ	221.8180, -24.4760, -41.0200

Conversions

Conversions Part 2

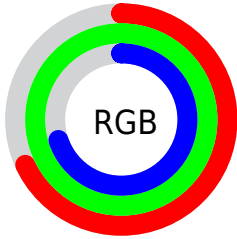
Format	Color
RYB	173, 249, 255
Decimal	11403187
CIELab	93.30, -39.54, 28.62
CIElCh	93, 48.807, 144.100
Yxy	83.6589, 0.3051, 0.4175
Android (android.graphics.Color)	4289593267 (0xFFADFFB3)
YUV	221.8180, -21.1093, -42.8134
Hunter-Lab	91.4652, -40.7647, 28.0014

Details

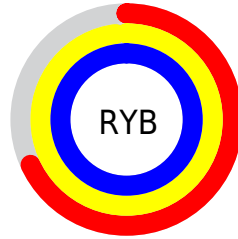
The XYZ color **61.1303, 83.6589, 55.5737** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **73.2826, 57.9872, 96.9521**, and the grayscale version is **69.4591, 73.0763, 79.5801**.

A 20% lighter version of the original color is **83.3885, 94.3412, 92.4119**, and **31.4312, 45.7461, 26.9119** is the 20% darker color. If you saturate the color by 10%, you get **53.8302, 80.1485, 43.8060**, and if you desaturate by 10%, it is **69.9173, 87.8885, 69.5521**.

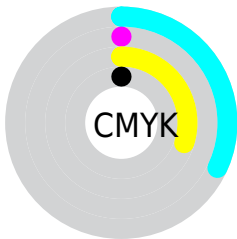
Distribution



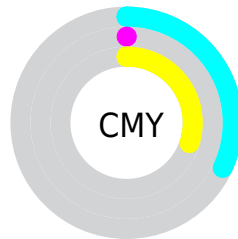
- Red (68%)
- Green (100%)
- Blue (70%)



- Red (68%)
- Yellow (98%)
- Blue (100%)



- Cyan (32%)
- Magenta (0%)
- Yellow (30%)
- Black (0%)





- Cyan (32%)
- Magenta (0%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.1303, 83.6589, 55.5737 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 61.1303, 83.6589, 55.5737 by changing the saturation by 10% instead.


 61.1303, 83.6589,
55.5737

 61.1303, 83.6589,
55.5737

418.5199,
507.1798, 425.4260

 44.5833, 62.7339,
39.4595


 105.5646,
138.4979, 99.8606

 31.3292, 45.6259,
26.8068


134.1826,
173.1807, 128.8704

 21.0027, 31.9507,
17.1970


167.5550,
213.2182, 163.0158

 13.2384, 21.3239,
10.2116

206.0471,
258.9947, 202.7153

 7.6711, 13.3610,
5.4321

250.0243,
310.8948, 248.3876

 3.9352, 7.6776,
2.4398

299.8519,

 1.6656, 3.8893,

369.3027, 300.4511

0.8080

355.8953,
434.6030, 359.3244

0.4346, 1.6118,
0.0000

0.0000, 0.3656,
0.0000

61.1303, 83.6589,
55.5737

61.1303, 83.6589,
55.5737

53.8302, 80.1485,
43.8060

69.9173, 87.8885,
69.5521

47.9330, 77.3164,
34.1320

80.2655, 92.8734,
85.8419

43.3490, 75.1190,
26.4302

92.2462, 98.6481,
104.5426

39.9772, 73.5071,
20.5650

95.0500, 100.0000,
108.9000

■ 37.7022, 72.4245,
16.3836

■ 36.3856, 71.8036,
13.7085

■ 35.8747, 71.5659,
12.5239

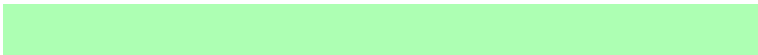
Harmonies

Analogous

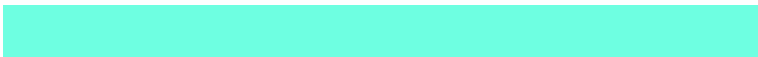
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



69.8455, 83.6589, 40.5554



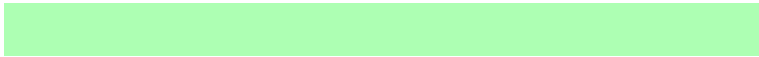
61.1303, 83.6589, 55.5737



57.3801, 83.6589, 84.0070

Triad

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



61.1303, 83.6589, 55.5737



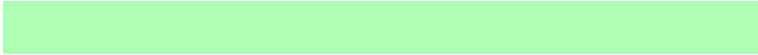
77.0019, 83.6589, 181.1822



104.2738, 83.6589, 65.1399

Complementary

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



61.1303, 83.6589, 55.5737



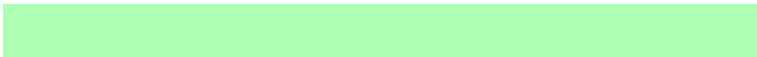
73.2826, 57.9872, 96.9521

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.



106.7165, 83.6589, 98.5610



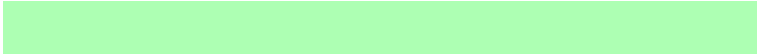
61.1303, 83.6589, 55.5737



90.0388, 83.6589, 172.1720

Square

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



61.1303, 83.6589, 55.5737



65.8871, 83.6589, 161.2880



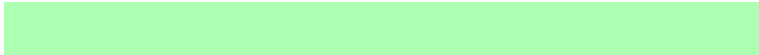
101.2599, 83.6589, 139.2116



94.9039, 83.6589, 44.9469

Rectangle

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



61.1303, 83.6589, 55.5737



57.8751, 83.6589, 109.4423



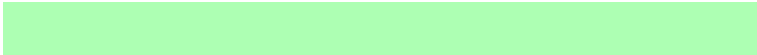
101.2599, 83.6589, 139.2116



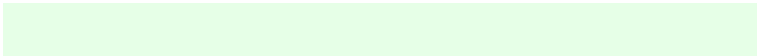
105.9717, 83.6589, 74.9139

Sweetspot

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



61.1309, 83.6592, 55.5750



82.7085, 94.0506, 89.6671



82.5603, 94.7751, 53.4780



17.3604, 19.9656, 18.6561



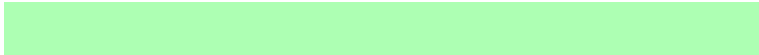
0.0000, 0.0000, 0.0000



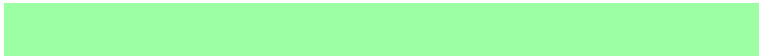
20.3446, 21.4041, 23.3091

Same Dimension

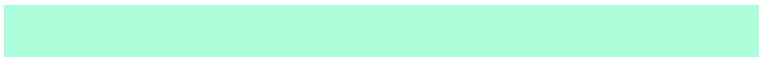
The Same Dimension uses a secret algorithm to generate beautiful new colors.



61.1309, 83.6592, 55.5750



55.9788, 81.1813, 47.2888



65.8417, 85.5435, 80.3822



17.8255, 20.1897, 19.3840



18.7646, 37.4024, 6.6457



1.8449, 3.6489, 0.7410

Inverse Universe

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



73.2826, 57.9872, 96.9521



69.9533, 51.6462, 94.8627



67.6349, 55.7281, 67.2115



18.7319, 18.2761, 22.4714



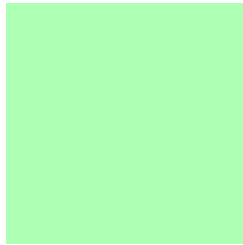
29.5099, 14.2933, 42.9313



2.8897, 1.3983, 4.2668

Previews

White Background



This preview shows how the XYZ color 61.1303, 83.6589, 55.5737 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 61.1303, 83.6589, 55.5737 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

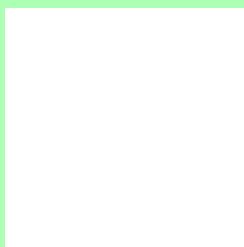
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.1303, 83.6589, 55.5737

Background



This preview shows how black text looks on a background with the XYZ color 61.1303, 83.6589, 55.5737.



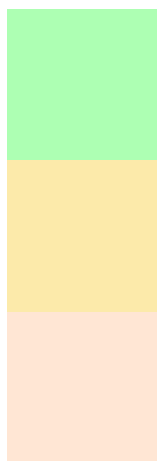
This preview shows how white text looks on a background with the XYZ color 61.1303, 83.6589,

55.5737.

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

61.1303, 83.6589, 55.5737

Protanopia

76.8234, 82.4434, 49.8943

Deuteranopia

81.4205, 82.6071, 73.9408



Tritanopia

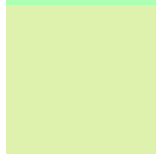
74.6821, 83.1097, 106.7134

Trichromacy



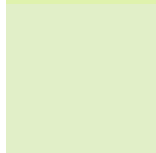
Original Color

61.1303, 83.6589, 55.5737



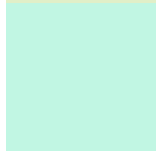
Protanomaly

69.7264, 82.2094, 51.7282



Deuteranomaly

72.3432, 81.9107, 66.6410



Tritanomaly

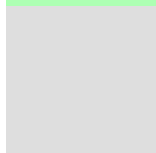
68.8132, 82.7950, 85.0272

Monochromacy



Original Color

61.1303, 83.6589, 55.5737



Achromatopsia

69.4303, 73.0461, 79.5472



Achromatomaly

65.4652, 76.1392, 69.6385

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.1303, 83.6589, 55.5737 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(173, 255, 179)` looks like.

```
.text, #text, p{  
    color:rgb(173, 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(173, 255, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 255, 179) }
```

Border

The CSS property to change the border of an element to XYZ 61.1303, 83.6589, 55.5737 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(173, 255, 179) }
```


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

```
.border{ border-color:rgb(173, 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(173, 255, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(173, 255, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(173, 255, 179); box-shadow:4px 4px 4px 4px rgb(173, 255, 179) }
```

Background

The CSS property to change the background color of an element to XYZ 61.1303, 83.6589, 55.5737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 255, 179) }
```

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

```
.background{ background-color: rgb(173,  
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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