

Converting Colors

XYZ(56.7607, 81.3946, 55.8991)

Have a look what the booklet for
XYZ(56.7607, 81.3946, 55.8991)
contains.

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Color

**XYZ(56.7607, 81.3946,
55.8991)**

Conversions

Conversions Part 1

Format	Color
Hex	97FFB4
RGB	151, 255, 180
RGB Percent	59%, 100%, 71%
CMY	0.4078, 0.0000, 0.2941
CMYK	0.41, 0.00, 0.29, 0.00
HSL	137°, 100%, 80%
HSV	137°, 41%, 100%
XYZ	56.7607, 81.3946, 55.8991
YIQ	215.3540, -37.9090, -45.3730

Conversions

Conversions Part 2

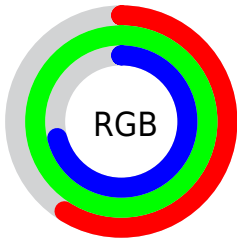
Format	Color
RYB	151, 232, 255
Decimal	9961396
CIELab	92.31, -45.78, 26.59
CIElCh	92, 52.947, 149.852
Yxy	81.3946, 0.2925, 0.4194
Android (android.graphics.Color)	4288151476 (0xFF97FFB4)
YUV	215.3540, -17.4295, -56.4385
Hunter-Lab	90.2190, -45.5810, 26.4176

Details

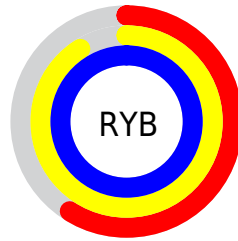
The XYZ color **56.7607, 81.3946, 55.8991** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **66.0343, 48.8847, 77.9063**, and the grayscale version is **64.9639, 68.3471, 74.4300**.

A 20% lighter version of the original color is **77.1948, 91.1314, 92.8784**, and **28.6409, 44.3002, 27.1199** is the 20% darker color. If you saturate the color by 10%, you get **50.7781, 78.5127, 46.4806**, and if you desaturate by 10%, it is **64.0164, 84.9040, 66.6772**.

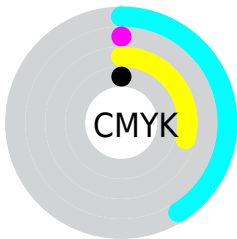
Distribution



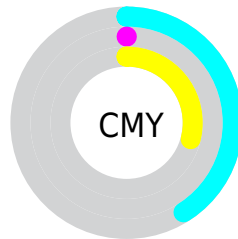
- Red (59%)
- Green (100%)
- Blue (71%)



- Red (59%)
- Yellow (91%)
- Blue (100%)



- Cyan (41%)
- Magenta (0%)
- Yellow (29%)
- Black (0%)





- Cyan (41%)
- Magenta (0%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.7607, 81.3946, 55.8991 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 56.7607, 81.3946, 55.8991 by changing the saturation by 10% instead.


 56.7607, 81.3946,
55.8991


 56.7607, 81.3946,
55.8991


402.5807,
499.6204, 426.6888

 41.0525, 60.8666,
39.7186

 99.2493, 135.3247,
100.3414

 28.5480, 44.1176,
27.0071


 126.7605,
169.4956, 129.4402

 18.8817, 30.7629,
17.3461


158.9367,
208.9830, 163.6822

 11.6883, 20.4184,
10.3170

196.1433,
254.1712, 203.4859

 6.6025, 12.6995,
5.5013

238.7456,
305.4447, 249.2699

 3.2589, 7.2220,
2.4804

287.1091,

 1.2921, 3.6013,

363.1878, 301.4526

0.8298

341.5990,
427.7849, 360.4528

■ 0.1773, 1.4531,
0.0000

■ 0.0000, 0.2554,
0.0000

■ 56.7607, 81.3946,
55.8991

■ 56.7607, 81.3946,
55.8991

■ 50.7781, 78.5127,
46.4806

■ 64.0164, 84.9040,
66.6772

■ 45.9906, 76.2194,
38.3635

■ 72.6134, 89.0751,
78.8622

■ 42.3140, 74.4723,
31.4912

■ 82.6170, 93.9406,
92.5039

■ 39.6515, 73.2229,
25.8011

■ 94.0874, 99.5305,
107.6484

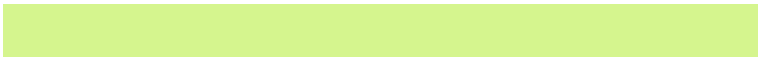
■ 37.8887, 72.4137, 95.0500, 100.0000,
21.2251 108.9000

■ 36.9008, 71.9763,
17.9275

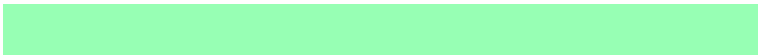
Harmonies

Analogous

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



64.9867, 81.3946, 38.0026



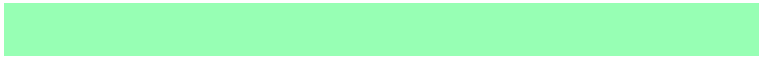
56.7607, 81.3946, 55.8991



53.9133, 81.3946, 88.4300

Triad

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



56.7607, 81.3946, 55.8991



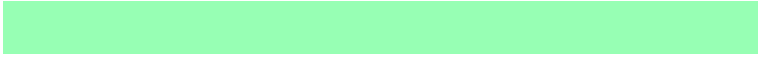
77.2951, 81.3946, 187.4047



102.5123, 81.3946, 56.1478

Complementary

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



56.7607, 81.3946, 55.8991



66.0343, 48.8847, 77.9063

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.



106.7837, 81.3946, 88.8200



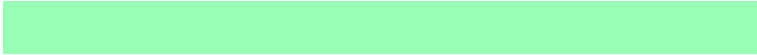
56.7607, 81.3946, 55.8991



91.2189, 81.3946, 171.4046

Square

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



56.7607, 81.3946, 55.8991



64.8817, 81.3946, 171.1022



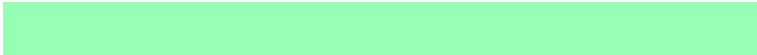
102.4302, 81.3946, 132.1339



91.3506, 81.3946, 38.1136

Rectangle

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



56.7607, 81.3946, 55.8991



55.1521, 81.3946, 116.7690



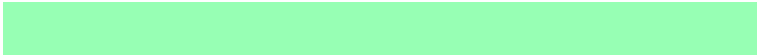
102.4302, 81.3946, 132.1339



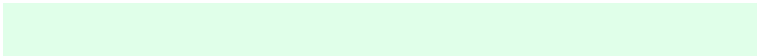
104.8563, 81.3946, 65.4107

Sweetspot

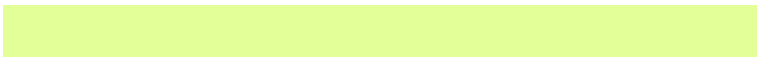
The Sweet Spot groups the original color and five complimentary colors.



56.7613, 81.3949, 55.9004



81.3230, 93.3106, 90.7652



73.1089, 90.1288, 42.8222



17.1142, 19.8301, 19.0331



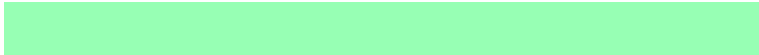
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

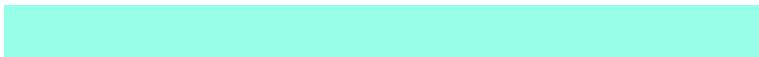
The Same Dimension uses a secret algorithm to generate beautiful new colors.



56.7613, 81.3949, 55.9004



51.7554, 78.9825, 48.0637



62.9090, 83.8540, 88.2741



17.9797, 20.2514, 20.1961



19.3356, 37.6308, 9.6527



1.9267, 3.6816, 1.1718

Inverse Universe

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



66.0343, 48.8847, 77.9063



62.1683, 42.4142, 72.7292



60.0711, 46.4994, 46.5048



18.5639, 18.2089, 21.5867



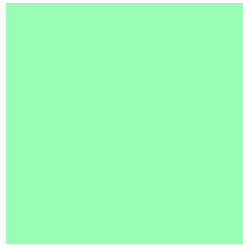
26.1303, 12.9414, 25.1346



2.5907, 1.2787, 2.6922

Previews

White Background



This preview shows how the XYZ color 56.7607, 81.3946, 55.8991 looks on a white background.

Color Contrast Check

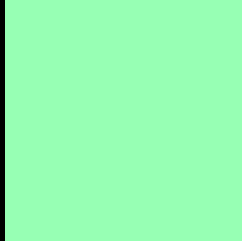
Large Text (above 18pt) WCAG AA × Fail

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 56.7607, 81.3946, 55.8991 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

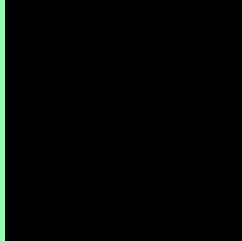
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.7607, 81.3946, 55.8991

Background



This preview shows how black text looks on a background with the XYZ color 56.7607, 81.3946, 55.8991.

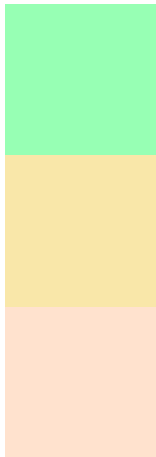


This preview shows how white text looks on a background with the XYZ color 56.7607, 81.3946,

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

56.7607, 81.3946, 55.8991

Protanopia

74.8043, 80.1561, 49.0652

Deuteranopia

79.5769, 80.1089, 69.6609



Tritanopia

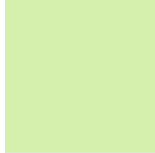
70.7405, 81.0777, 106.5289

Trichromacy



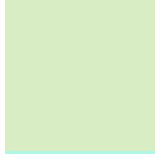
Original Color

56.7607, 81.3946, 55.8991



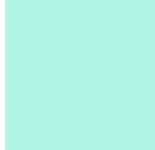
Protanomaly

66.1435, 79.4834, 51.3909



Deuteranomaly

68.9775, 79.3513, 64.5042



Tritanomaly

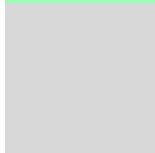
64.8639, 80.7431, 85.5651

Monochromacy



Original Color

56.7607, 81.3946, 55.8991



Achromatopsia

64.5905, 67.9542, 74.0022



Achromatomaly

60.6957, 72.0644, 66.5879

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.7607, 81.3946, 55.8991 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(151, 255, 180)` looks like.

```
.text, #text, p{  
    color:rgb(151, 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(151, 255, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 255, 180) }
```

Border

The CSS property to change the border of an element to XYZ 56.7607, 81.3946, 55.8991 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(151, 255, 180) }
```


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

```
.border{ border-color:rgb(151, 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(151, 255, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 255, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 255, 180);  
box-shadow:4px 4px 4px 4px rgb(151, 255,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 56.7607, 81.3946, 55.8991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 255, 180) }
```

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

```
.background{ background-color: rgb(151,  
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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