

Converting Colors

XYZ(67.8781, 102.7091,
60.5200)

Have a look what the booklet for
XYZ(67.8781, 102.7091, 60.5200)
contains.

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Color

**XYZ(57.3404, 81.6697,
56.9976)**

Conversions

Conversions Part 1

Format	Color
Hex	99FFB6
RGB	153, 255, 182
RGB Percent	60%, 100%, 71%
CMY	0.4000, 0.0000, 0.2863
CMYK	0.40, 0.00, 0.29, 0.00
HSL	137°, 100%, 80%
HSV	137°, 40%, 100%
XYZ	57.3404, 81.6697, 56.9976
YIQ	216.1800, -37.3590, -44.3270

Conversions

Conversions Part 2

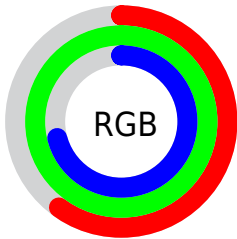
Format	Color
RYB	153, 232, 255
Decimal	10092470
CIELab	92.43, -44.88, 25.76
CIELCh	92, 51.748, 150.146
Yxy	81.6697, 0.2925, 0.4167
Android (android.graphics.Color)	4288282550 (0xFF99FFB6)
YUV	216.1800, -16.8507, -55.4089
Hunter-Lab	90.3713, -44.8919, 25.8654

Details

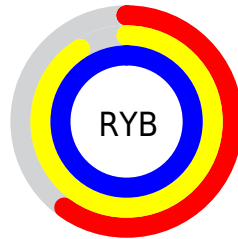
The XYZ color **57.3404, 81.6697, 56.9976** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **66.3590, 49.5341, 78.0149**, and the grayscale version is **65.5223, 68.9346, 75.0697**.

A 20% lighter version of the original color is **78.0566, 91.5419, 94.4443**, and **28.9804, 44.4599, 27.8231** is the 20% darker color. If you saturate the color by 10%, you get **51.2659, 78.7421, 47.5016**, and if you desaturate by 10%, it is **64.6903, 85.2264, 67.8390**.

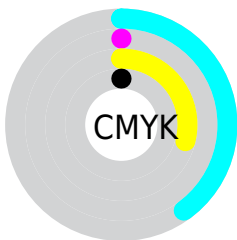
Distribution



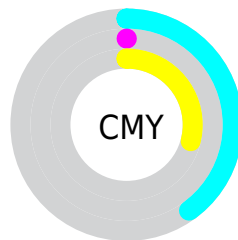
- Red (60%)
- Green (100%)
- Blue (71%)



- Red (60%)
- Yellow (91%)
- Blue (100%)



- Cyan (40%)
- Magenta (0%)
- Yellow (29%)
- Black (0%)





- Cyan (40%)
- Magenta (0%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.3404, 81.6697, 56.9976 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 57.3404, 81.6697, 56.9976 by changing the saturation by 10% instead.


 57.3404, 81.6697,
56.9976


 57.3404, 81.6697,
56.9976


404.7172,
500.5422, 430.9338

 41.5198, 61.0933,
40.5940


 100.0902,
135.7107, 101.9620

 28.9149, 44.3005,
27.6846


 127.7501,
169.9441, 131.3598

 19.1604, 30.9068,
17.8511


160.0872,
209.4987, 165.9261

 11.8910, 20.5279,
10.6748

197.4667,
254.7587, 206.0795

 6.7411, 12.7793,
5.7372

240.2542,
306.1087, 252.2384

 3.3456, 7.2768,
2.6198

288.8148,

 1.3391, 3.6358,

363.9330, 304.8214

0.9026

343.5140,
428.6161, 364.2470

■ 0.2122, 1.4720,
0.0000

■ 0.0000, 0.2689,
0.0000

■ 57.3404, 81.6697,
56.9976

■ 57.3404, 81.6697,
56.9976

■ 51.2659, 78.7421,
47.5016

■ 64.6903, 85.2264,
67.8390

■ 46.3894, 76.4048,
39.2944

■ 73.3831, 89.4459,
80.0716

■ 42.6278, 74.6161,
32.3208

■ 83.4833, 94.3606,
93.7441

■ 39.8858, 73.3281,
26.5204

95.0500, 100.0000,
108.9000

■ 38.0511, 72.4842,
21.8272

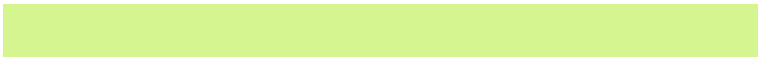
■ 36.9462, 71.9945,
18.1664

■ 36.9461, 71.9945,
18.1662

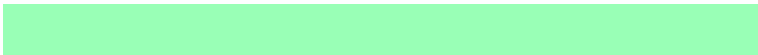
Harmonies

Analogous

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



65.3820, 81.6697, 39.1329



57.3404, 81.6697, 56.9976



54.5896, 81.6697, 89.1130

Triad

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



57.3404, 81.6697, 56.9976



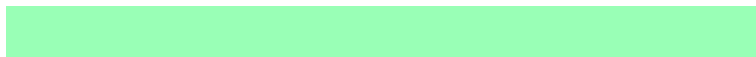
77.6904, 81.6697, 185.0965



102.1248, 81.6697, 56.7553

Complementary

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



57.3404, 81.6697, 56.9976



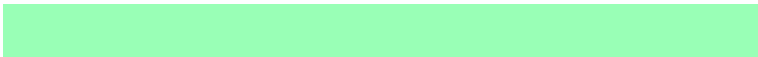
66.3590, 49.5341, 78.0149

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.



106.3695, 81.6697, 88.7361



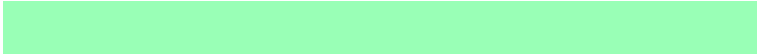
57.3404, 81.6697, 56.9976



91.3073, 81.6697, 169.2871

Square

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



57.3404, 81.6697, 56.9976



65.4837, 81.6697, 169.5767



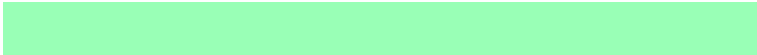
102.2039, 81.6697, 130.9816



91.1803, 81.6697, 39.0239

Rectangle

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



57.3404, 81.6697, 56.9976



55.8467, 81.6697, 116.8598



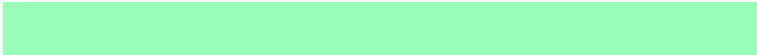
102.2039, 81.6697, 130.9816



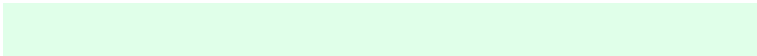
104.4352, 81.6697, 65.8386

Sweetspot

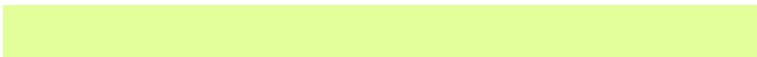
The Sweet Spot groups the original color and five complimentary colors.



57.3410, 81.6700, 56.9989



81.3469, 93.3202, 90.8911



72.9055, 90.0050, 43.6681



17.1198, 19.8323, 19.0626



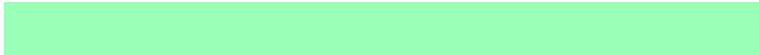
0.0000, 0.0000, 0.0000



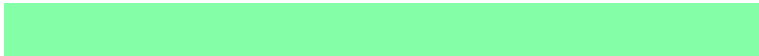
20.3446, 21.4041, 23.3091

Same Dimension

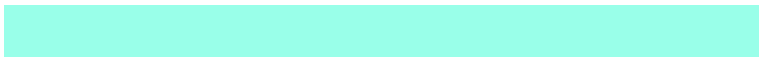
The Same Dimension uses a secret algorithm to generate beautiful new colors.



57.3410, 81.6700, 56.9989



52.3820, 79.2789, 49.2954



63.5910, 84.1700, 89.9111



17.9839, 20.2531, 20.2180



19.3601, 37.6406, 9.7816



1.9295, 3.6827, 1.1868

Inverse Universe

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



66.3590, 49.5341, 78.0149



62.5175, 43.1036, 72.8732



60.3794, 47.1423, 46.5268



18.5595, 18.2071, 21.5635



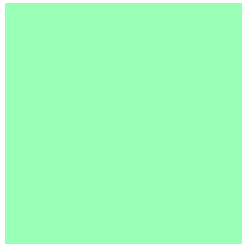
26.0551, 12.9113, 24.7382



2.5839, 1.2759, 2.6562

Previews

White Background



This preview shows how the XYZ color 57.3404, 81.6697, 56.9976 looks on a white background.

Color Contrast Check

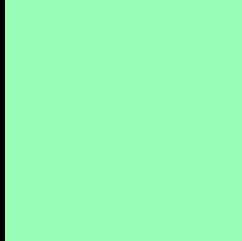
Large Text (above 18pt) WCAG AA × Fail

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 57.3404, 81.6697, 56.9976 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

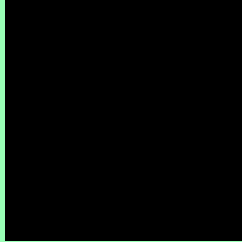
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.3404, 81.6697, 56.9976

Background



This preview shows how black text looks on a background with the XYZ color 57.3404, 81.6697, 56.9976.

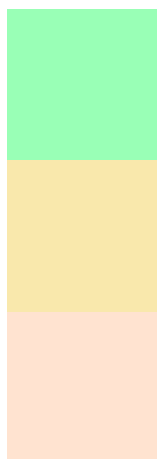


This preview shows how white text looks on a background with the XYZ color 57.3404, 81.6697,

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

57.3404, 81.6697, 56.9976

Protanopia

75.3699, 80.8315, 50.6593

Deuteranopia

80.0943, 80.7522, 71.0398



Tritanopia

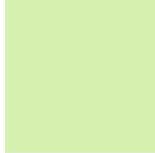
71.2435, 81.3371, 106.5524

Trichromacy



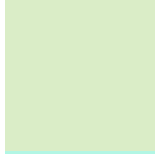
Original Color

57.3404, 81.6697, 56.9976



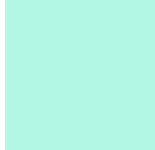
Protanomaly

66.7281, 79.7509, 52.9508



Deuteranomaly

69.5064, 79.5973, 65.7333



Tritanomaly

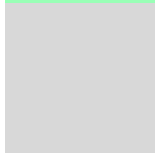
65.3195, 80.9779, 85.5864

Monochromacy



Original Color

57.3404, 81.6697, 56.9976



Achromatopsia

65.2694, 68.6685, 74.7800



Achromatomaly

61.1882, 72.2907, 67.8553

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.3404, 81.6697, 56.9976 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(153, 255, 182)` looks like.

```
.text, #text, p{  
    color:rgb(153, 255, 182)  
}
```

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(153, 255, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 255, 182) }
```

Border

The CSS property to change the border of an element to XYZ 57.3404, 81.6697, 56.9976 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(153, 255, 182) }
```


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

```
.border{ border-color:rgb(153, 255, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 255, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 255, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 255, 182);  
box-shadow:4px 4px 4px 4px rgb(153, 255,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 57.3404, 81.6697, 56.9976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 255, 182) }
```

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

```
.background{ background-color: rgb(153,  
255, 182) }
```

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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