

Converting Colors

XYZ(56.0663, 80.7044, 61.6805)

Have a look what the booklet for
XYZ(56.0663, 80.7044, 61.6805)
contains.

XYZ(56.3193, 81.0324, 61.9627)	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(56.3193, 81.0324,
61.9627)**

Conversions

Conversions Part 1

Format	Color
Hex	8EFFBF
RGB	142, 255, 191
RGB Percent	56%, 100%, 75%
CMY	0.4431, 0.0000, 0.2510
CMYK	0.44, 0.00, 0.25, 0.00
HSL	146°, 100%, 78%
HSV	146°, 44%, 100%
XYZ	56.3193, 81.0324, 61.9627
YIQ	213.9170, -46.8040, -43.8600

Conversions

Conversions Part 2

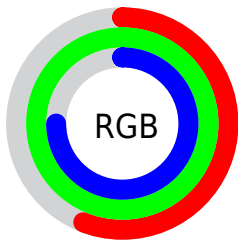
Format	Color
RYB	142, 221, 255
Decimal	9371583
CIELab	92.15, -46.19, 20.72
CIELCh	92, 50.621, 155.836
Yxy	81.0324, 0.2826, 0.4066
Android (android.graphics.Color)	4287561663 (0xFF8EFFBF)
YUV	213.9170, -11.2981, -63.0712
Hunter-Lab	90.0180, -45.8539, 22.2011

Details

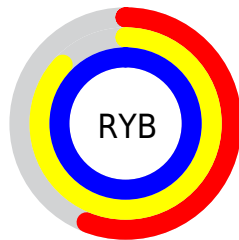
The XYZ color **56.3193, 81.0324, 61.9627** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **62.0539, 45.0629, 63.8199**, and the grayscale version is **63.9567, 67.2874, 73.2760**.

A 20% lighter version of the original color is **76.5227, 90.5767, 102.2568**, and **28.3656, 44.0791, 30.6800** is the 20% darker color. If you saturate the color by 10%, you get **50.9214, 78.4243, 53.8190**, and if you desaturate by 10%, it is **62.8759, 84.2196, 70.9814**.

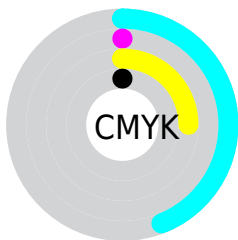
Distribution



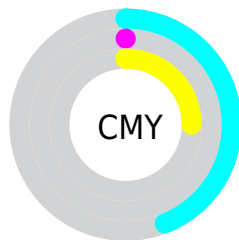
- Red (56%)
- Green (100%)
- Blue (75%)



- Red (56%)
- Yellow (87%)
- Blue (100%)



- Cyan (44%)
- Magenta (0%)
- Yellow (25%)
- Black (0%)





- Cyan (44%)
- Magenta (0%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.3193, 81.0324, 61.9627 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 56.3193, 81.0324, 61.9627 by changing the saturation by 10% instead.


 56.3193, 81.0324,
61.9627

 56.3193, 81.0324,
61.9627


400.9492,
498.4053, 449.7989

 40.6970, 60.5683,
44.5670

 98.6084, 134.8163,
109.2427

 28.2690, 43.8768,
30.7760


 126.0059,
168.9048, 139.9640

 18.6700, 30.5737,
20.1713


158.0591,
208.3036, 175.9643

 11.5347, 20.2745,
12.3343

195.1335,
253.3970, 217.6621

 6.4976, 12.5947,
6.8465

237.5943,
304.5695, 265.4759

 3.1935, 7.1501,
3.2893


285.8070,


 1.2569, 3.5561,


362.2055, 319.8243


1.2442


340.1368,
426.6893, 381.1258


 0.1506, 1.4285,
0.0154


 0.0000, 0.2376,
0.0000


 56.3193, 81.0324,
61.9627


 56.3193, 81.0324,
61.9627


 50.9214, 78.4243,
53.8190


 62.8759, 84.2196,
70.9814


 46.6067, 76.3571,
46.5193

 70.6562, 88.0191,
80.8970

 43.2930, 74.7889,
40.0364

 79.7225, 92.4624,
91.7352

 40.8849, 73.6711,
34.3400

 90.1322, 97.5788,
103.5197

■ 39.2662, 72.9443, 95.0500, 100.0000,
29.3972 108.9000

■ 38.6060, 72.6584,
26.9070

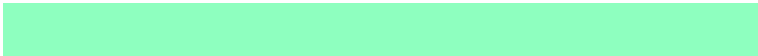
Harmonies

Analogous

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



63.2428, 81.0324, 41.8551



56.3193, 81.0324, 61.9627



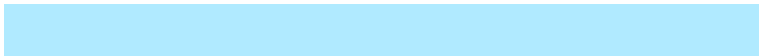
54.6570, 81.0324, 95.7410

Triad

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



56.3193, 81.0324, 61.9627



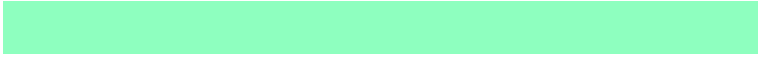
79.5985, 81.0324, 180.7634



99.2037, 81.0324, 52.4916

Complementary

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



56.3193, 81.0324, 61.9627



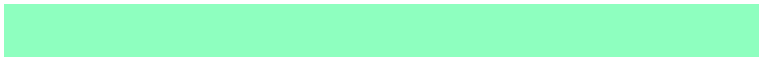
62.0539, 45.0629, 63.8199

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.



104.7739, 81.0324, 81.1234



56.3193, 81.0324, 61.9627



92.6629, 81.0324, 160.2495

Square

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



56.3193, 81.0324, 61.9627



67.1976, 81.0324, 171.3747



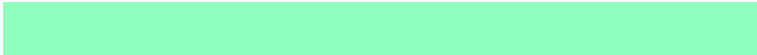
102.2548, 81.0324, 121.0364



87.7533, 81.0324, 37.5661

Rectangle

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



56.3193, 81.0324, 61.9627



56.5709, 81.0324, 123.3982



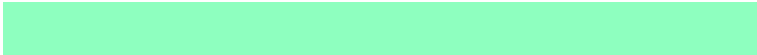
102.2548, 81.0324, 121.0364



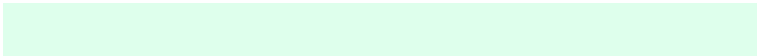
101.8815, 81.0324, 60.4731

Sweetspot

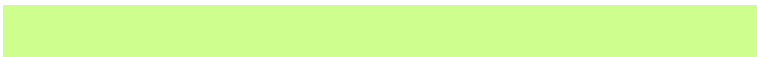
The Sweet Spot groups the original color and five complimentary colors.



56.3199, 81.0327, 61.9640



81.0113, 93.0951, 93.2278



66.1058, 86.5998, 38.8234



16.8788, 19.6999, 19.4195



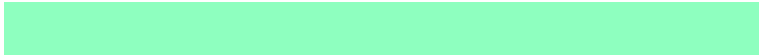
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



56.3199, 81.0327, 61.9640



51.5667, 78.7351, 54.8395



63.7764, 84.0152, 101.2290



18.0986, 20.2990, 20.8224



20.2441, 37.9942, 14.4367



2.0247, 3.7208, 1.6879

Inverse Universe

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



62.0539, 45.0629, 63.8199



57.9472, 38.6604, 56.8680



56.3810, 42.7937, 33.9468



18.4404, 18.1595, 20.9362



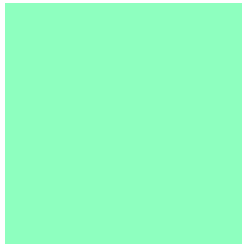
24.2725, 12.1983, 15.3511



2.4182, 1.2096, 1.7836

Previews

White Background



This preview shows how the XYZ color 56.3193, 81.0324, 61.9627 looks on a white background.

Color Contrast Check

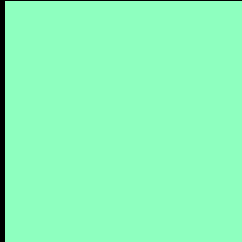
Large Text (above 18pt) WCAG AA × Fail

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 56.3193, 81.0324, 61.9627 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 56.3193, 81.0324, 61.9627

Background



This preview shows how black text looks on a background with the XYZ color 56.3193, 81.0324, 61.9627.



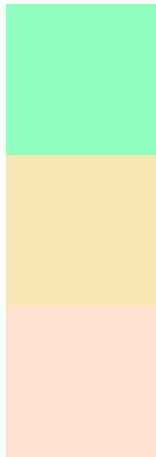
This preview shows how white text looks on a background with the XYZ color 56.3193, 81.0324,

61.9627.

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

56.3193, 81.0324, 61.9627

Protanopia

74.8202, 80.0399, 54.6858

Deuteranopia

79.6738, 79.7139, 71.5087



Tritanopia

69.7550, 80.5697, 106.4828

Trichromacy



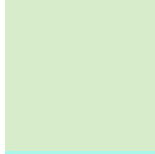
Original Color

56.3193, 81.0324, 61.9627



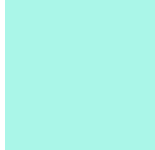
Protanomaly

65.8242, 79.1908, 57.1634



Deuteranomaly

68.3877, 78.5513, 67.4346



Tritanomaly

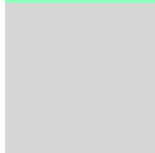
64.0988, 80.2838, 88.4619

Monochromacy



Original Color

56.3193, 81.0324, 61.9627



Achromatopsia

63.9157, 67.2443, 73.2291



Achromatomaly

59.8989, 71.1862, 68.9758

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.3193, 81.0324, 61.9627 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(142, 255, 191)` looks like.

```
.text, #text, p{  
    color:rgb(142, 255, 191)  
}
```

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(142, 255, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 255, 191) }
```

Border

The CSS property to change the border of an element to XYZ 56.3193, 81.0324, 61.9627 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(142, 255, 191) }
```


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

```
.border{ border-color:rgb(142, 255, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 255, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 255, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 255, 191);  
box-shadow:4px 4px 4px 4px rgb(142, 255,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 56.3193, 81.0324, 61.9627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 255, 191) }
```

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

```
.background{ background-color: rgb(142,  
255, 191) }
```

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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