

Converting Colors

XYZ(72.5760, 113.4527,
69.1233)

Have a look what the booklet for
XYZ(72.5760, 113.4527, 69.1233)
contains.

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Color

**XYZ(56.3128, 80.9905,
63.7037)**

Conversions

Conversions Part 1

Format	Color
Hex	8CFFC2
RGB	140, 255, 194
RGB Percent	55%, 100%, 76%
CMY	0.4510, 0.0000, 0.2392
CMYK	0.45, 0.00, 0.24, 0.00
HSL	148°, 100%, 77%
HSV	148°, 45%, 100%
XYZ	56.3128, 80.9905, 63.7037
YIQ	213.6610, -48.9590, -43.3510

Conversions

Conversions Part 2

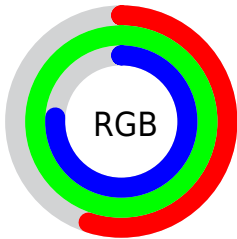
Format	Color
RYB	140, 218, 255
Decimal	9240514
CIELab	92.13, -46.12, 19.15
CIELCh	92, 49.939, 157.450
Yxy	80.9905, 0.2802, 0.4029
Android (android.graphics.Color)	4287430594 (0xFF8CFFC2)
YUV	213.6610, -9.6929, -64.6007
Hunter-Lab	89.9947, -45.7972, 21.0273

Details

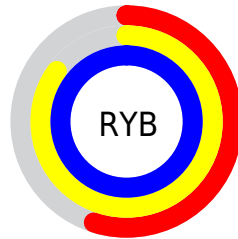
The XYZ color **56.3128, 80.9905, 63.7037** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **61.1610, 44.2339, 60.5728**, and the grayscale version is **63.7752, 67.0964, 73.0680**.

A 20% lighter version of the original color is **76.4613, 90.4908, 104.7033**, and **28.3210, 44.0309, 31.8171** is the 20% darker color. If you saturate the color by 10%, you get **51.0518, 78.4459, 55.8858**, and if you desaturate by 10%, it is **62.7089, 84.1042, 72.2992**.

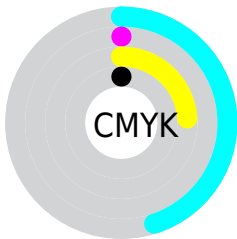
Distribution



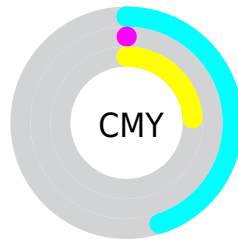
- Red (55%)
- Green (100%)
- Blue (76%)



- Red (55%)
- Yellow (85%)
- Blue (100%)



- Cyan (45%)
- Magenta (0%)
- Yellow (24%)
- Black (0%)





- Cyan (45%)
- Magenta (0%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.3128, 80.9905, 63.7037 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 56.3128, 80.9905, 63.7037 by changing the saturation by 10% instead.


 56.3128, 80.9905,
63.7037

 56.3128, 80.9905,
63.7037


400.9252,
498.2646, 456.2969

 40.6918, 60.5338,
45.9661

 98.5989, 134.7574,
111.7795

 28.2649, 43.8490,
31.8706


 125.9947,
168.8364, 142.9547

 18.6669, 30.5518,
20.9987


158.0462,
208.2250, 179.4462

 11.5324, 20.2578,
12.9318

195.1186,
253.3074, 221.6725

 6.4961, 12.5826,
7.2514

237.5773,
304.4683, 270.0522

 3.1925, 7.1418,
3.5390


285.7878,


 1.2564, 3.5509,


362.0918, 325.0038


1.3760


340.1153,
426.5625, 386.9459


 0.1502, 1.4257,
0.1229

 0.0000, 0.2355,
0.0000


 56.3128, 80.9905,
63.7037


 56.3128, 80.9905,
63.7037


 51.0518, 78.4459,
55.8858


 62.7089, 84.1042,
72.2992


 46.8505, 76.4322,
48.8189

 70.3048, 87.8200,
81.6898

 43.6271, 74.9073,
42.4804

 79.1623, 92.1695,
91.8976

 41.2856, 73.8226,
36.8451

 89.3384, 97.1815,
102.9422

■ 39.7088, 73.1178, 95.0500, 100.0000,
31.8854 108.9000

■ 39.1345, 72.8698,
29.6898

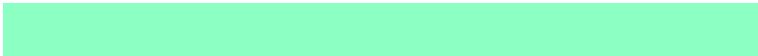
Harmonies

Analogous

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



62.8915, 80.9905, 43.0402



56.3128, 80.9905, 63.7037



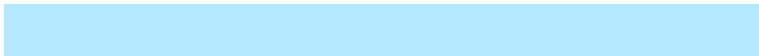
54.9574, 80.9905, 97.6962

Triad

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



56.3128, 80.9905, 63.7037



80.2322, 80.9905, 178.7721



98.3423, 80.9905, 51.7306

Complementary

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



56.3128, 80.9905, 63.7037



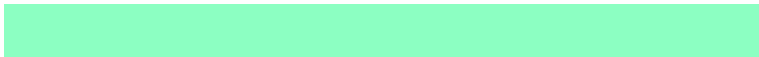
61.1610, 44.2339, 60.5728

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.



104.2145, 80.9905, 79.3119



56.3128, 80.9905, 63.7037



93.0273, 80.9905, 157.2591

Square

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



56.3128, 80.9905, 63.7037



67.8740, 80.9905, 171.1619



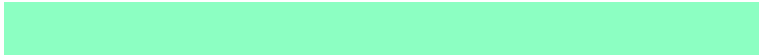
102.1683, 80.9905, 118.2499



86.8639, 80.9905, 37.5919

Rectangle

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



56.3128, 80.9905, 63.7037



57.0417, 80.9905, 125.0529



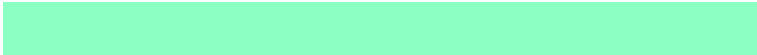
102.1683, 80.9905, 118.2499



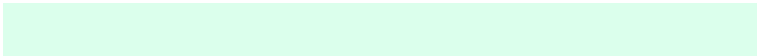
101.0924, 80.9905, 59.3848

Sweetspot

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



56.3135, 80.9908, 63.7050



80.2134, 92.6865, 93.0681



64.6712, 85.8774, 37.9793



16.7298, 19.6227, 19.4297



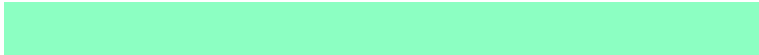
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

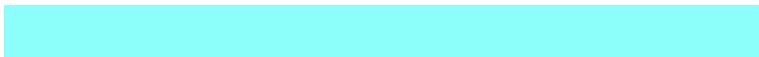
The Same Dimension uses a secret algorithm to generate beautiful new colors.



56.3135, 80.9908, 63.7050



51.5759, 78.6985, 56.7065



64.0145, 84.0712, 104.2581



18.1266, 20.3102, 20.9696



20.5226, 38.1056, 15.9031



2.0528, 3.7321, 1.8361

Inverse Universe

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



61.1610, 44.2339, 60.5728



56.9677, 37.7852, 53.2008



55.6399, 42.0254, 31.4989



18.4121, 18.1481, 20.7870



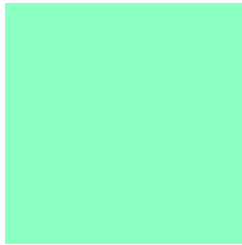
23.9196, 12.0571, 13.4928



2.3842, 1.1961, 1.6046

Previews

White Background



This preview shows how the XYZ color 56.3128, 80.9905, 63.7037 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 56.3128, 80.9905, 63.7037 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

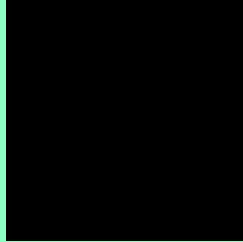
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.3128, 80.9905, 63.7037

Background



This preview shows how black text looks on a background with the XYZ color 56.3128, 80.9905, 63.7037.

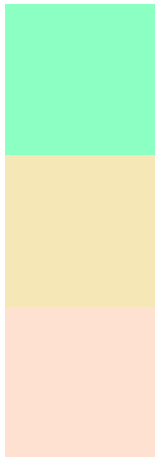


This preview shows how white text looks on a background with the XYZ color 56.3128, 80.9905,

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

56.3128, 80.9905, 63.7037

Protanopia

75.0254, 80.1221, 55.7668

Deuteranopia

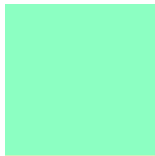
79.7981, 79.7636, 72.1629



Tritanopia

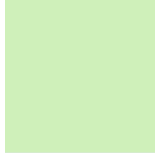
69.5129, 80.4449, 106.4714

Trichromacy



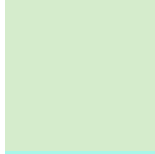
Original Color

56.3128, 80.9905, 63.7037



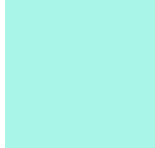
Protanomaly

65.7551, 79.1307, 58.2625



Deuteranomaly

68.3351, 78.4967, 68.6765



Tritanomaly

64.0259, 80.2297, 89.2022

Monochromacy



Original Color

56.3128, 80.9905, 63.7037



Achromatopsia

63.9157, 67.2443, 73.2291



Achromatomaly

59.7753, 71.1084, 69.6063

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.3128, 80.9905, 63.7037 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(140, 255, 194)` looks like.

```
.text, #text, p{  
    color:rgb(140, 255, 194)  
}
```

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(140, 255, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 255, 194) }
```

Border

The CSS property to change the border of an element to XYZ 56.3128, 80.9905, 63.7037 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(140, 255, 194) }
```


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

```
.border{ border-color:rgb(140, 255, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 255, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 255, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 255, 194);  
box-shadow:4px 4px 4px 4px rgb(140, 255,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 56.3128, 80.9905, 63.7037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 255, 194) }
```

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

```
.background{ background-color: rgb(140,  
255, 194) }
```

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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