

Converting Colors

XYZ(55.6415, 80.7268, 59.9484)

Have a look what the booklet for
XYZ(55.6415, 80.7268, 59.9484)
contains.

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Color

**XYZ(55.6523, 80.7263,
60.2255)**

Conversions

Conversions Part 1

Format	Color
Hex	8CFFBC
RGB	140, 255, 188
RGB Percent	55%, 100%, 74%
CMY	0.4510, 0.0000, 0.2627
CMYK	0.45, 0.00, 0.26, 0.00
HSL	145°, 100%, 77%
HSV	145°, 45%, 100%
XYZ	55.6523, 80.7263, 60.2255
YIQ	212.9770, -47.0330, -45.2170

Conversions

Conversions Part 2

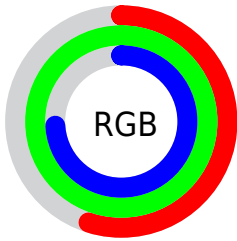
Format	Color
RYB	140, 221, 255
Decimal	9240508
CIELab	92.01, -47.26, 22.05
CIELCh	92, 52.153, 154.989
Yxy	80.7263, 0.2831, 0.4106
Android (android.graphics.Color)	4287430588 (0xFF8CFFBC)
YUV	212.9770, -12.3137, -64.0008
Hunter-Lab	89.8478, -46.6697, 23.1510

Details

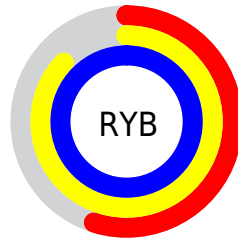
The XYZ color **55.6523, 80.7263, 60.2255** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **61.8809, 44.5218, 64.3635**, and the grayscale version is **63.3326, 66.6308, 72.5610**.

A 20% lighter version of the original color is **75.3778, 90.0574, 98.9979**, and **27.8905, 43.8587, 29.5499** is the 20% darker color. If you saturate the color by 10%, you get **50.3219, 78.1540, 52.0423**, and if you desaturate by 10%, it is **62.1444, 83.8783, 69.3264**.

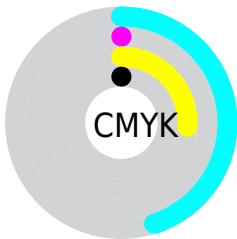
Distribution



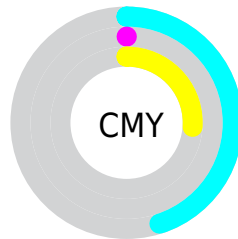
- Red (55%)
- Green (100%)
- Blue (74%)



- Red (55%)
- Yellow (87%)
- Blue (100%)



- Cyan (45%)
- Magenta (0%)
- Yellow (26%)
- Black (0%)




- Cyan (45%)
- Magenta (0%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.6523, 80.7263, 60.2255 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 55.6523, 80.7263, 60.2255 by changing the saturation by 10% instead.


 55.6523, 80.7263,
60.2255


 55.6523, 80.7263,
60.2255


398.4761,
497.3772, 443.2562

 40.1601, 60.3162,
43.1739


 97.6388, 134.3864,
106.7033

 27.8482, 43.6736,
29.6892


 124.8638,
168.4052, 136.9666

 18.3511, 30.4140,
19.3528


156.7305,
207.7290, 172.4709

 11.3036, 20.1530,
11.7461

193.6042,
252.7422, 213.6347

 6.3402, 12.5063,
6.4506

235.8502,
303.8292, 260.8766

 3.0956, 7.0895,
3.0478


283.8340,


 1.2045, 3.5181,

361.3745, 314.6151

1.1191


337.9209,
425.7623, 375.2688


 0.1100, 1.4078,
0.0000


 0.0000, 0.2225,
0.0000


 55.6523, 80.7263,
60.2255


 55.6523, 80.7263,
60.2255


 50.3219, 78.1540,
52.0423


 62.1444, 83.8783,
69.3264


 46.0766, 76.1226,
44.7433

 69.8640, 87.6437,
79.3689

 42.8330, 74.5897,
38.2988

 78.8743, 92.0542,
90.3811

 40.4938, 73.5059,
32.6756

 89.2332, 97.1394,
102.3886

■ 38.9401, 72.8104,
27.8379

95.0500, 100.0000,
108.9000

■ 38.3843, 72.5697,
25.7395

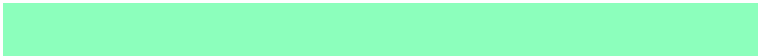
Harmonies

Analogous

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



62.8715, 80.7263, 40.2157



55.6523, 80.7263, 60.2255



53.8001, 80.7263, 94.4766

Triad

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



55.6523, 80.7263, 60.2255



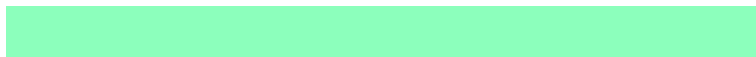
78.9921, 80.7263, 183.8995



99.8513, 80.7263, 51.9878

Complementary

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



55.6523, 80.7263, 60.2255



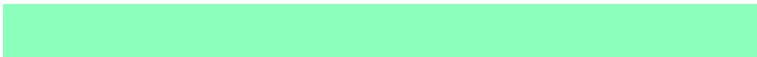
61.8809, 44.5218, 64.3635

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.



105.3892, 80.7263, 81.6306



55.6523, 80.7263, 60.2255



92.4839, 80.7263, 163.3414

Square

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



55.6523, 80.7263, 60.2255



66.3340, 80.7263, 173.2415



102.5480, 80.7263, 122.9629



88.1545, 80.7263, 36.5220

Rectangle

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



55.6523, 80.7263, 60.2255



55.6488, 80.7263, 122.9298



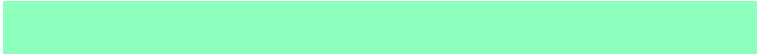
102.5480, 80.7263, 122.9629



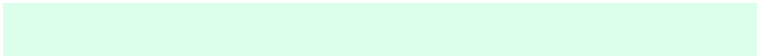
102.5532, 80.7263, 60.2461

Sweetspot

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



55.6529, 80.7266, 60.2268



79.9440, 92.5787, 91.6495



66.2494, 86.6910, 38.0531



16.6643, 19.5965, 19.0853



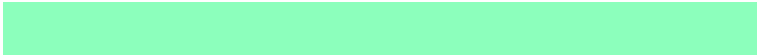
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



55.6529, 80.7266, 60.2268



50.8524, 78.4091, 52.8965



63.1207, 83.7137, 99.5518



18.0860, 20.2939, 20.7561



20.1270, 37.9474, 13.8199



2.0127, 3.7160, 1.6245

Inverse Universe

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



61.8809, 44.5218, 64.3635



57.7745, 38.1079, 57.4491



56.0901, 42.2055, 33.8696



18.4532, 18.1646, 21.0038



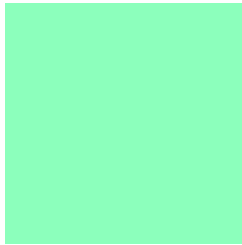
24.4413, 12.2658, 16.2404



2.4343, 1.2161, 1.8683

Previews

White Background



This preview shows how the XYZ color 55.6523, 80.7263, 60.2255 looks on a white background.

Color Contrast Check

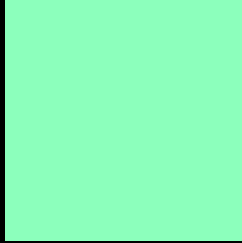
Large Text (above 18pt) WCAG AA × Fail

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 55.6523, 80.7263, 60.2255 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 55.6523, 80.7263, 60.2255

Background



This preview shows how black text looks on a background with the XYZ color 55.6523, 80.7263, 60.2255.



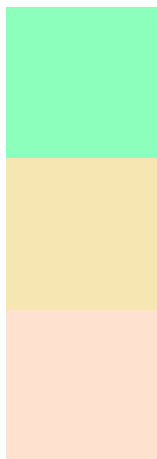
This preview shows how white text looks on a background with the XYZ color 55.6523, 80.7263,

60.2255.

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

55.6523, 80.7263, 60.2255

Protanopia

74.2387, 79.3608, 53.0003

Deuteranopia

79.4277, 79.6154, 70.2125



Tritanopia

69.2725, 80.3209, 106.4602

Trichromacy



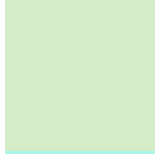
Original Color

55.6523, 80.7263, 60.2255



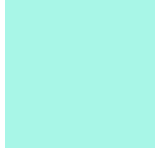
Protanomaly

64.9391, 78.3346, 55.4135



Deuteranomaly

67.8614, 78.3072, 66.1817



Tritanomaly

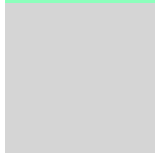
63.5280, 80.0059, 87.6957

Monochromacy



Original Color

55.6523, 80.7263, 60.2255



Achromatopsia

63.2451, 66.5387, 72.4607



Achromatomaly

58.8922, 70.2855, 67.5893

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.6523, 80.7263, 60.2255 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, 188)` looks like.

```
.text, #text, p{  
    color:rgb(140, 255, 188)  
}
```

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, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 255, 188) }
```

Border

The CSS property to change the border of an element to XYZ 55.6523, 80.7263, 60.2255 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, 188) }
```


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

```
.border{ border-color:rgb(140, 255, 188) }
```

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, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 255, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 255, 188);  
box-shadow:4px 4px 4px 4px rgb(140, 255,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 55.6523, 80.7263, 60.2255 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, 188) }
```

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

```
.background{ background-color: rgb(140,  
255, 188) }
```

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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