

Converting Colors

XYZ(55.4438, 78.4892, 64.5078)

Have a look what the booklet for
XYZ(55.4438, 78.4892, 64.5078)
contains.

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Color

**XYZ(55.6163, 78.7307,
64.4898)**

Conversions

Conversions Part 1

Format	Color
Hex	8EFBC4
RGB	142, 251, 196
RGB Percent	56%, 98%, 77%
CMY	0.4431, 0.0157, 0.2314
CMYK	0.43, 0.00, 0.22, 0.02
HSL	150°, 93%, 77%
HSV	150°, 43%, 98%
XYZ	55.6163, 78.7307, 64.4898
YIQ	212.1390, -47.3090, -40.2130

Conversions

Conversions Part 2

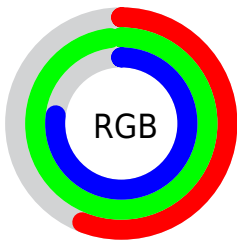
Format	Color
RYB	142, 215, 251
Decimal	9370564
CIELab	91.11, -43.48, 16.72
CIELCh	91, 46.586, 158.972
Yxy	78.7307, 0.2797, 0.3960
Android (android.graphics.Color)	4287560644 (0xFF8EFBC4)
YUV	212.1390, -7.9565, -61.5119
Hunter-Lab	88.7303, -43.3940, 19.0189

Details

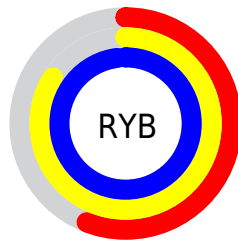
The XYZ color **55.6163, 78.7307, 64.4898** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **59.5373, 43.8882, 58.1596**, and the grayscale version is **62.7472, 66.0150, 71.8903**.

A 20% lighter version of the original color is **77.3090, 90.8912, 106.3976**, and **27.8304, 42.4214, 32.3125** is the 20% darker color. If you saturate the color by 10%, you get **50.4039, 76.2053, 57.0361**, and if you desaturate by 10%, it is **61.9243, 81.8110, 72.6335**.

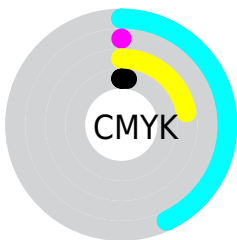
Distribution



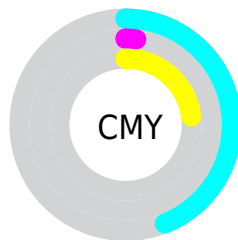
- Red (56%)
- Green (98%)
- Blue (77%)



- Red (56%)
- Yellow (84%)
- Blue (98%)



- Cyan (43%)
- Magenta (0%)
- Yellow (22%)
- Black (2%)




- Cyan (44%)
- Magenta (2%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.6163, 78.7307, 64.4898 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 55.6163, 78.7307, 64.4898 by changing the saturation by 10% instead.


 55.6163, 78.7307,
64.4898


 55.6163, 78.7307,
64.4898


398.3424,
490.6448, 459.2122

 40.1312, 58.6744,
46.5988


 97.5864, 131.5797,
112.9223

 27.8255, 42.3511,
32.3665


 124.8021,
165.1412, 144.3008

 18.3339, 29.3763,
21.3745


156.6587,
203.9732, 181.0123

 11.2911, 19.3657,
13.2041

193.5215,
248.4601, 223.4752

 6.3317, 11.9348,
7.4369

235.7559,
298.9863, 272.1081

 3.0904, 6.6993,
3.6542


283.7273,


 1.2017, 3.2748,


355.9363, 327.3295


1.4376


337.8010,
419.6943, 389.5580


 0.1077, 1.2768,
0.1708


 0.0000, 0.1231,
0.0000


 55.6163, 78.7307,
64.4898


 55.6163, 78.7307,
64.4898


 50.4039, 76.2053,
57.0361


 61.9243, 81.8110,
72.6335


 46.2118, 74.1901,
50.2483

 69.3840, 85.4686,
81.4800

 42.9649, 72.6488,
44.1082

 78.0555, 89.7361,
91.0481

 40.5743, 71.5360,
38.5948

 87.9923, 94.6409,
101.3546

■ 38.9321, 70.7964,
33.6854

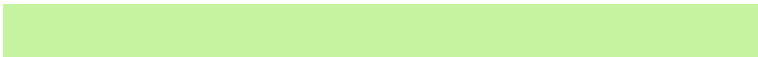
■ 93.7887, 97.4773,
108.4796

■ 38.1588, 70.4614,
30.7735

Harmonies

Analogous

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



61.4692, 78.7307, 44.5328



55.6163, 78.7307, 64.4898



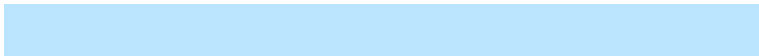
54.6121, 78.7307, 96.2454

Triad

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



55.6163, 78.7307, 64.4898



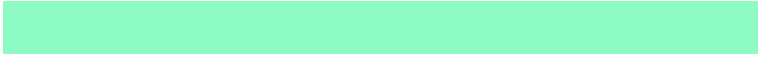
78.4199, 78.7307, 167.0980



93.8598, 78.7307, 51.0532

Complementary

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



55.6163, 78.7307, 64.4898



59.5373, 43.8882, 58.1596

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.



99.5104, 78.7307, 75.9994



55.6163, 78.7307, 64.4898



90.0015, 78.7307, 146.6989

Square

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



55.6163, 78.7307, 64.4898



66.9939, 78.7307, 161.6557



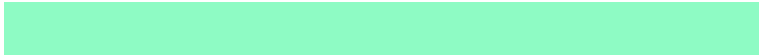
98.0289, 78.7307, 111.1729



83.2570, 78.7307, 38.3093

Rectangle

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



55.6163, 78.7307, 64.4898



56.7117, 78.7307, 121.1449



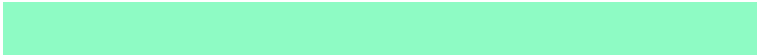
98.0289, 78.7307, 111.1729



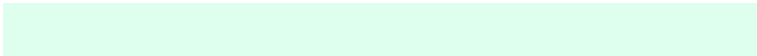
96.4494, 78.7307, 57.9834

Sweetspot

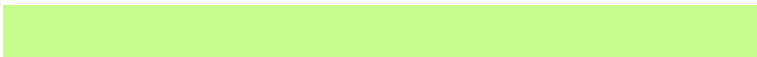
The Sweet Spot groups the original color and five complimentary colors.



55.6184, 78.7339, 64.4916



81.3110, 93.2150, 94.8057



62.7545, 82.9997, 38.3051



16.9526, 19.7294, 19.8079



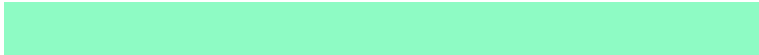
0.0000, 0.0000, 0.0000



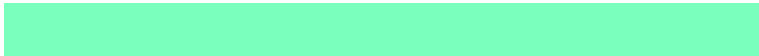
20.3446, 21.4041, 23.3091

Same Dimension

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



55.6184, 78.7339, 64.4916



52.9296, 79.3216, 60.1488



62.7826, 81.5996, 102.2177



17.3759, 19.4526, 20.1801



20.1303, 37.0651, 16.5615



1.9179, 3.4543, 1.8154

Inverse Universe

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



59.5373, 43.8882, 58.1596



57.4677, 38.9651, 52.8128



54.4789, 41.8649, 31.5225



17.6100, 17.3714, 19.8021



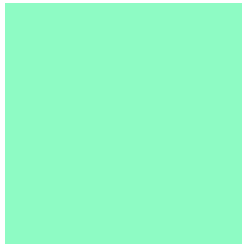
22.9874, 11.6107, 11.9080



2.1826, 1.0968, 1.3848

Previews

White Background



This preview shows how the XYZ color 55.6163, 78.7307, 64.4898 looks on a white background.

Color Contrast Check

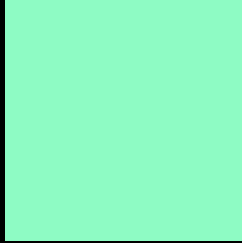
Large Text (above 18pt) WCAG AA × Fail

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 55.6163, 78.7307, 64.4898 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 55.6163, 78.7307, 64.4898

Background



This preview shows how black text looks on a background with the XYZ color 55.6163, 78.7307, 64.4898.



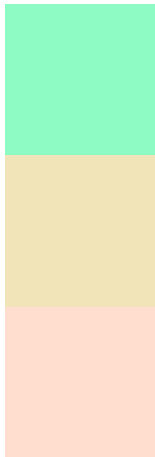
This preview shows how white text looks on a background with the XYZ color 55.6163, 78.7307,

64.4898.

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

55.6163, 78.7307, 64.4898

Protanopia

73.1183, 77.8668, 57.0750

Deuteranopia

78.3589, 77.4779, 69.8563



Tritanopia

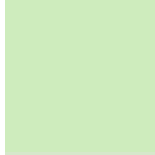
66.8210, 78.1831, 106.1768

Trichromacy



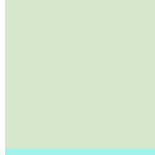
Original Color

55.6163, 78.7307, 64.4898



Protanomaly

64.6344, 76.7868, 59.5589



Deuteranomaly

67.3677, 76.3212, 67.6807



Tritanomaly

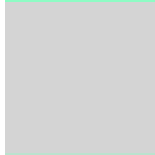
62.2117, 77.9342, 89.6058

Monochromacy



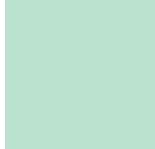
Original Color

55.6163, 78.7307, 64.4898



Achromatopsia

62.5785, 65.8375, 71.6970



Achromatomaly

58.8305, 69.4137, 68.6900

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.6163, 78.7307, 64.4898 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, 251, 196)` looks like.

```
.text, #text, p{  
    color:rgb(142, 251, 196)  
}
```

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, 251, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 251, 196) }
```

Border

The CSS property to change the border of an element to XYZ 55.6163, 78.7307, 64.4898 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, 251, 196) }
```


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

```
.border{ border-color:rgb(142, 251, 196) }
```

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

Here you see how a box with a 4 pixel rgb(142, 251, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 251, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 251, 196);  
box-shadow:4px 4px 4px 4px rgb(142, 251,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 55.6163, 78.7307, 64.4898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 251, 196) }
```

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

```
.background{ background-color: rgb(142,  
251, 196) }
```

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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