

Converting Colors

XYZ(54.7202, 76.5837, 64.6137)

Have a look what the booklet for
XYZ(54.7202, 76.5837, 64.6137)
contains.

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Color

**XYZ(54.6665, 76.3924,
64.6873)**

Conversions

Conversions Part 1

Format	Color
Hex	8FF7C5
RGB	143, 247, 197
RGB Percent	56%, 97%, 77%
CMY	0.4392, 0.0314, 0.2274
CMYK	0.42, 0.00, 0.20, 0.03
HSL	151°, 87%, 76%
HSV	151°, 42%, 97%
XYZ	54.6665, 76.3924, 64.6873
YIQ	210.2040, -45.9340, -37.5980

Conversions

Conversions Part 2

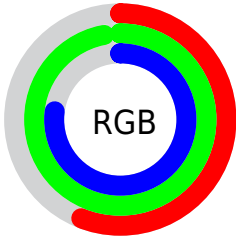
Format	Color
RYB	143, 211, 247
Decimal	9435077
CIELab	90.04, -41.26, 14.70
CIELCh	90, 43.801, 160.393
Yxy	76.3924, 0.2793, 0.3903
Android (android.graphics.Color)	4287625157 (0xFF8FF7C5)
YUV	210.2040, -6.5096, -58.9379
Hunter-Lab	87.4027, -41.3111, 17.3010

Details

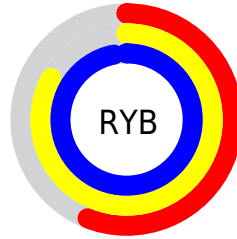
The XYZ color **54.6665, 76.3924, 64.6873** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **57.8084, 43.2711, 55.7603**, and the grayscale version is **61.4573, 64.6578, 70.4124**.

A 20% lighter version of the original color is **77.7368, 91.0933, 107.2515**, and **27.2091, 40.7885, 32.4255** is the 20% darker color. If you saturate the color by 10%, you get **49.5448, 73.9052, 57.6228**, and if you desaturate by 10%, it is **60.8409, 79.4140, 72.3640**.

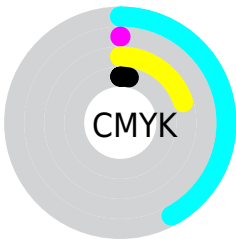
Distribution



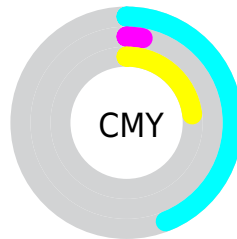
- Red (56%)
- Green (97%)
- Blue (77%)



- Red (56%)
- Yellow (83%)
- Blue (97%)



- Cyan (42%)
- Magenta (0%)
- Yellow (20%)
- Black (3%)



- Cyan (44%)
- Magenta (3%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.6665, 76.3924, 64.6873 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 54.6665, 76.3924, 64.6873 by changing the saturation by 10% instead.


 54.6665, 76.3924,
64.6873


 54.6665, 76.3924,
64.6873


394.8035,
482.6899, 459.9428

 39.3676, 56.7543,
46.7578


 96.2033, 128.2814,
113.2091

 27.2278, 40.8080,
32.4913


 123.1719,
161.3012, 144.6386

 17.8818, 28.1691,
21.4691


154.7611,
199.5503, 181.4051

 10.9644, 18.4532,
13.2728

191.3363,
243.4131, 223.9273

 6.1100, 11.2758,
7.4837

233.2627,
293.2741, 272.6236

 2.9534, 6.2527,
3.6834


280.9059,


 1.1292, 2.9993,

349.5177, 327.9126

1.4533


334.6310,
412.5281, 390.2128


 0.0493, 1.1314,
0.1828


 0.0000, 0.0046,
0.0000


 54.6665, 76.3924,
64.6873


 54.6665, 76.3924,
64.6873


 49.5448, 73.9052,
57.6228


 60.8409, 79.4140,
72.3640


 45.4046, 71.9099,
51.1495

 68.1210, 82.9909,
80.6628

 42.1756, 70.3724,
45.2524

 76.5633, 87.1540,
89.6002

 39.7743, 69.2502,
39.9137

 86.2188, 91.9293,
99.1900

■ 38.1009, 68.4920,
35.1145

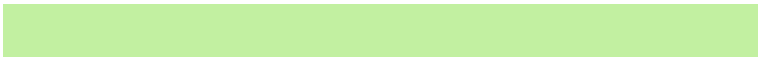
■ 92.5522, 95.0043,
108.0674

■ 37.1749, 68.0894,
31.6913

Harmonies

Analogous

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



59.9042, 76.3924, 45.4499



54.6665, 76.3924, 64.6873



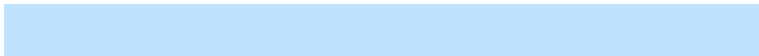
53.9514, 76.3924, 94.4362

Triad

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



54.6665, 76.3924, 64.6873



76.4400, 76.3924, 156.9241



89.6953, 76.3924, 50.1409

Complementary

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



54.6665, 76.3924, 64.6873



57.8084, 43.2711, 55.7603

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.



95.1365, 76.3924, 72.8527



54.6665, 76.3924, 64.6873



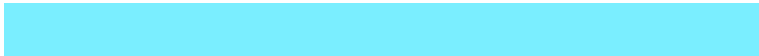
86.9933, 76.3924, 137.5222

Square

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



54.6665, 76.3924, 64.6873



65.8270, 76.3924, 153.1599



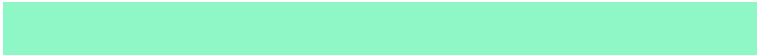
94.1011, 76.3924, 104.8948



79.8409, 76.3924, 38.6159

Rectangle

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



54.6665, 76.3924, 64.6873



56.0505, 76.3924, 117.2384



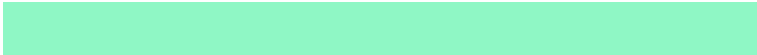
94.1011, 76.3924, 104.8948



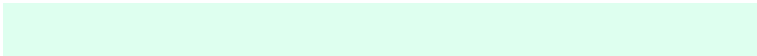
92.1435, 76.3924, 56.4504

Sweetspot

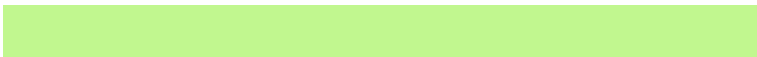
The Sweet Spot groups the original color and five complimentary colors.



54.6686, 76.3955, 64.6890



81.4274, 93.2616, 95.4190



60.2815, 79.8806, 38.2289



16.9813, 19.7409, 19.9591



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.



54.6686, 76.3955, 64.6890



53.7772, 79.7030, 62.6949



60.8519, 78.0246, 99.8524



16.6415, 18.6158, 19.3967



19.7320, 36.0376, 17.1404



1.7862, 3.1881, 1.7800

Inverse Universe

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



57.8084, 43.2711, 55.7603



57.5880, 39.5229, 51.8747



53.4026, 41.9284, 31.2660



16.8310, 16.6153, 18.8566



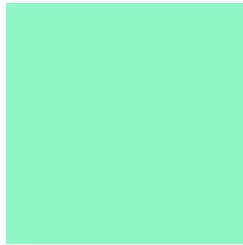
22.1103, 11.1876, 10.5553



1.9949, 1.0039, 1.1997

Previews

White Background



This preview shows how the XYZ color 54.6665, 76.3924, 64.6873 looks on a white background.

Color Contrast Check

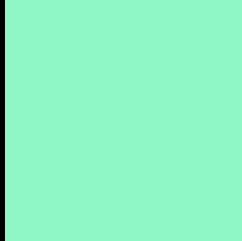
Large Text (above 18pt) WCAG AA × Fail

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 54.6665, 76.3924, 64.6873 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 54.6665, 76.3924, 64.6873

Background



This preview shows how black text looks on a background with the XYZ color 54.6665, 76.3924, 64.6873.



This preview shows how white text looks on a background with the XYZ color 54.6665, 76.3924, 64.6873.

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

54.6665, 76.3924, 64.6873

Protanopia

71.0480, 75.5727, 57.2967

Deuteranopia

76.8323, 75.1975, 66.9650



Tritanopia

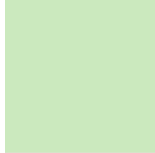
64.0601, 75.8954, 105.8807

Trichromacy



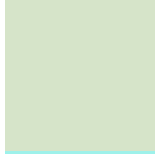
Original Color

54.6665, 76.3924, 64.6873



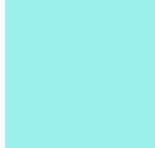
Protanomaly

63.0618, 74.6920, 59.8085



Deuteranomaly

66.0176, 74.0000, 66.0623



Tritanomaly

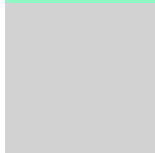
60.4071, 76.1202, 89.3508

Monochromacy



Original Color

54.6665, 76.3924, 64.6873



Achromatopsia

61.2578, 64.4480, 70.1838



Achromatomaly

57.6568, 67.6222, 67.7712

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.6665, 76.3924, 64.6873 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(143, 247, 197)` looks like.

```
.text, #text, p{  
    color:rgb(143, 247, 197)  
}
```

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(143, 247, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 247, 197) }
```

Border

The CSS property to change the border of an element to XYZ 54.6665, 76.3924, 64.6873 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(143, 247, 197) }
```


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

```
.border{ border-color:rgb(143, 247, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 247, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(143, 247, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(143, 247, 197); box-shadow:4px 4px 4px 4px rgb(143, 247, 197) }
```

Background

The CSS property to change the background color of an element to XYZ 54.6665, 76.3924, 64.6873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 247, 197) }
```

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

```
.background{ background-color: rgb(143,  
247, 197) }
```

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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