

Converting Colors

XYZ(54.8647, 77.3133, 65.9221)

Have a look what the booklet for
XYZ(54.8647, 77.3133, 65.9221)
contains.

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Color

**XYZ(54.9997, 77.4503,
66.0835)**

Conversions

Conversions Part 1

Format	Color
Hex	8CF9C7
RGB	140, 249, 199
RGB Percent	55%, 98%, 78%
CMY	0.4510, 0.0235, 0.2196
CMYK	0.44, 0.00, 0.20, 0.02
HSL	152°, 90%, 76%
HSV	152°, 44%, 98%
XYZ	54.9997, 77.4503, 66.0835
YIQ	210.7090, -48.9140, -38.6580

Conversions

Conversions Part 2

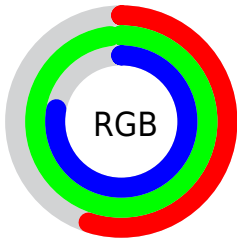
Format	Color
RYB	140, 211, 249
Decimal	9238983
CIELab	90.53, -42.52, 14.34
CIELCh	91, 44.871, 161.366
Yxy	77.4503, 0.2770, 0.3901
Android (android.graphics.Color)	4287429063 (0xFF8CF9C7)
YUV	210.7090, -5.7725, -62.0118
Hunter-Lab	88.0059, -42.4558, 17.0833

Details

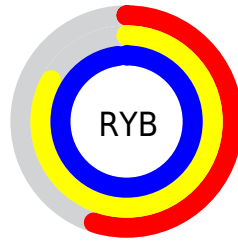
The XYZ color **54.9997, 77.4503, 66.0835** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **57.7418, 42.6155, 53.9004**, and the grayscale version is **61.7866, 65.0043, 70.7897**.

A 20% lighter version of the original color is **77.0987, 90.7458, 108.0599**, and **27.4401, 41.5374, 33.3593** is the 20% darker color. If you saturate the color by 10%, you get **49.9926, 75.0186, 59.1849**, and if you desaturate by 10%, it is **61.0599, 80.4174, 73.5545**.

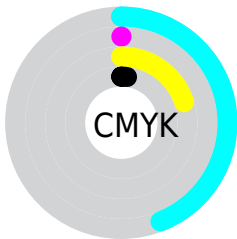
Distribution



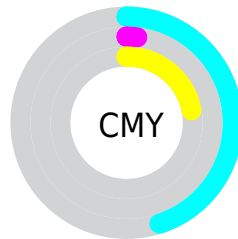
- Red (55%)
- Green (98%)
- Blue (78%)



- Red (55%)
- Yellow (83%)
- Blue (98%)



- Cyan (44%)
- Magenta (0%)
- Yellow (20%)
- Black (2%)





- Cyan (45%)
- Magenta (2%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.9997, 77.4503, 66.0835 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 54.9997, 77.4503, 66.0835 by changing the saturation by 10% instead.


 54.9997, 77.4503,
66.0835

 54.9997, 77.4503,
66.0835


396.0472,
486.2980, 465.0878

 39.6353, 57.6225,
47.8833

 96.6888, 129.7749,
115.2343

 27.4373, 41.5053,
33.3751


 123.7443,
163.0406, 147.0220

 18.0402, 28.7141,
22.1405


155.4275,
201.5543, 184.1759

 11.0787, 18.8646,
13.7609

192.1038,
245.7005, 227.1146

 6.1875, 11.5725,
7.8177

234.1386,
295.8636, 276.2566

 3.0012, 6.4533,
3.8924


281.8972,


 1.1544, 3.1226,


352.4279, 332.0204

1.5665

335.7450,
415.7779, 394.8246


 0.0699, 1.1961,
0.2668


 0.0000, 0.0585,
0.0000


 54.9997, 77.4503,
66.0835


 54.9997, 77.4503,
66.0835

 49.9926, 75.0186,
59.1849


 61.0599, 80.4174,
73.5545


 45.9652, 73.0787,
52.8388

 68.2276, 83.9418,
81.6064

 42.8444, 71.5952,
47.0318

 76.5612, 88.0551,
90.2542

 40.5434, 70.5236,
41.7478

 86.1126, 92.7841,
99.5107

■ 38.9565, 69.8096,
36.9690

■ 93.1671, 96.2341,
108.2724

■ 38.2347, 69.4972,
34.2392

Harmonies

Analogous

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



60.2532, 77.4503, 45.9297



54.9997, 77.4503, 66.0835



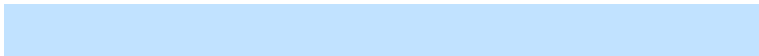
54.4188, 77.4503, 97.1068

Triad

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



54.9997, 77.4503, 66.0835



77.9498, 77.4503, 160.5957



91.0275, 77.4503, 49.7241

Complementary

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



54.9997, 77.4503, 66.0835



57.7418, 42.6155, 53.9004

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.



96.8636, 77.4503, 72.7265



54.9997, 77.4503, 66.0835



88.8172, 77.4503, 139.7402

Square

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



54.9997, 77.4503, 66.0835



66.9318, 77.4503, 157.5005



96.0159, 77.4503, 105.6599



80.7272, 77.4503, 38.2756

Rectangle

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



54.9997, 77.4503, 66.0835



56.6820, 77.4503, 120.7649



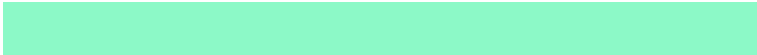
96.0159, 77.4503, 105.6599



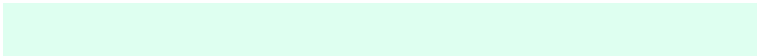
93.6215, 77.4503, 56.0771

Sweetspot

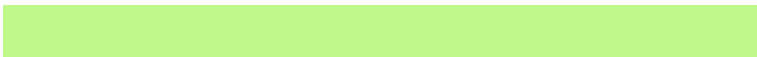
The Sweet Spot groups the original color and five complimentary colors.



55.0018, 77.4534, 66.0853



81.5357, 93.3049, 95.9893



60.0641, 80.7072, 37.2243



17.0080, 19.7516, 20.0998



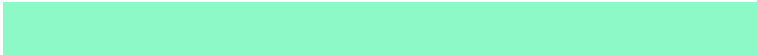
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



55.0018, 77.4534, 66.0853



53.1109, 79.3527, 62.9710



60.6801, 77.9451, 101.4729



17.4103, 19.4664, 20.3613



20.5382, 37.2283, 18.7095



1.9557, 3.4694, 2.0147

Inverse Universe

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



57.7418, 42.6155, 53.9004



56.3662, 38.0280, 48.5426



53.7206, 41.8706, 30.0625



17.5758, 17.3577, 19.6218



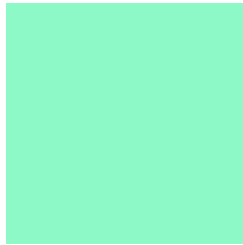
22.6144, 11.4615, 9.9437



2.1473, 1.0827, 1.1991

Previews

White Background



This preview shows how the XYZ color 54.9997, 77.4503, 66.0835 looks on a white background.

Color Contrast Check

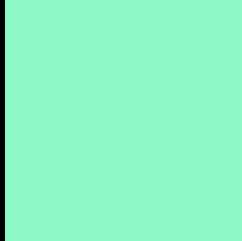
Large Text (above 18pt) WCAG AA × Fail

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 54.9997, 77.4503, 66.0835 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

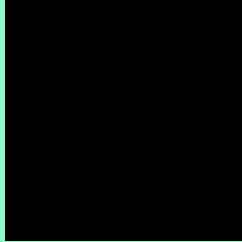
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.9997, 77.4503, 66.0835

Background



This preview shows how black text looks on a background with the XYZ color 54.9997, 77.4503, 66.0835.



This preview shows how white text looks on a background with the XYZ color 54.9997, 77.4503,

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

54.9997, 77.4503, 66.0835

Protanopia

71.8701, 76.3743, 58.5307

Deuteranopia

77.7121, 76.3793, 69.0393



Tritanopia

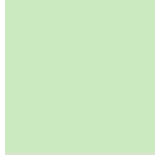
64.9867, 76.8041, 106.0072

Trichromacy



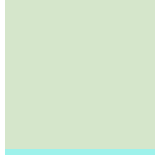
Original Color

54.9997, 77.4503, 66.0835



Protanomaly

63.5658, 75.3479, 61.0625



Deuteranomaly

66.5169, 75.0516, 67.4805



Tritanomaly

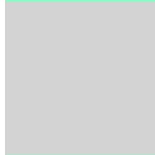
60.8481, 76.7715, 90.2086

Monochromacy



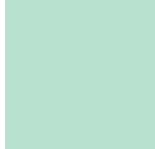
Original Color

54.9997, 77.4503, 66.0835



Achromatopsia

61.9161, 65.1406, 70.9381



Achromatomaly

58.1953, 68.6697, 69.2188

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.9997, 77.4503, 66.0835 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, 249, 199)` looks like.

```
.text, #text, p{  
    color:rgb(140, 249, 199)  
}
```

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, 249, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 249, 199) }
```

Border

The CSS property to change the border of an element to XYZ 54.9997, 77.4503, 66.0835 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, 249, 199) }
```


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

```
.border{ border-color:rgb(140, 249, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 249, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 249, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 249, 199);  
box-shadow:4px 4px 4px 4px rgb(140, 249,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 54.9997, 77.4503, 66.0835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 249, 199) }
```

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

```
.background{ background-color: rgb(140,  
249, 199) }
```

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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