

Converting Colors

XYZ(51.6167, 77.5742, 44.5273)

Have a look what the booklet for
XYZ(51.6167, 77.5742, 44.5273)
contains.

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Color

**XYZ(51.6294, 77.5784,
44.6007)**

Conversions

Conversions Part 1

Format	Color
Hex	8BFC9E
RGB	139, 252, 158
RGB Percent	55%, 99%, 62%
CMY	0.4549, 0.0117, 0.3804
CMYK	0.45, 0.00, 0.37, 0.01
HSL	130°, 95%, 77%
HSV	130°, 45%, 99%
XYZ	51.6294, 77.5784, 44.6007
YIQ	207.4970, -37.1740, -53.1900

Conversions

Conversions Part 2

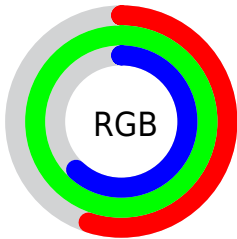
Format	Color
RYB	139, 236, 252
Decimal	9174174
CIELab	90.59, -51.46, 35.24
CIElCh	91, 62.370, 145.600
Yxy	77.5784, 0.2970, 0.4463
Android (android.graphics.Color)	4287364254 (0xFF8BFC9E)
YUV	207.4970, -24.4020, -60.0719
Hunter-Lab	88.0786, -49.5055, 31.6321

Details

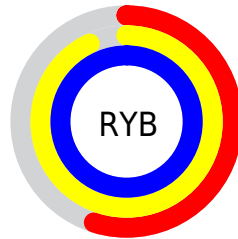
The XYZ color **51.6294, 77.5784, 44.6007** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **64.0879, 45.0453, 82.4102**, and the grayscale version is **59.8003, 62.9146, 68.5140**.

A 20% lighter version of the original color is **70.7962, 88.1944, 76.2427**, and **25.3732, 41.7556, 20.0869** is the 20% darker color. If you saturate the color by 10%, you get **46.2437, 74.9952, 35.7200**, and if you desaturate by 10%, it is **58.2967, 80.7911, 55.1513**.

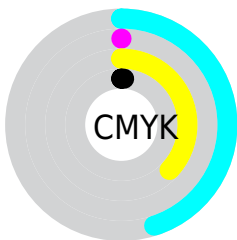
Distribution



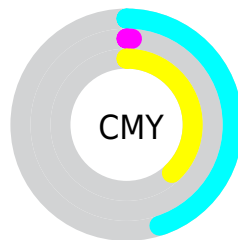
- Red (55%)
- Green (99%)
- Blue (62%)



- Red (55%)
- Yellow (93%)
- Blue (99%)



- Cyan (45%)
- Magenta (0%)
- Yellow (37%)
- Black (1%)





- Cyan (45%)
- Magenta (1%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.6294, 77.5784, 44.6007 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 51.6294, 77.5784, 44.6007 by changing the saturation by 10% instead.


 51.6294, 77.5784,
44.6007


 51.6294, 77.5784,
44.6007


383.3517,
486.7338, 381.2668

 36.9328, 57.7277,
30.8024


 91.7619, 129.9556,
83.4330

 25.3289, 41.5898,
20.1912


 117.9286,
163.2510, 109.3040

 16.4523, 28.7802,
12.3487

148.6493,
201.7966, 140.0364

 9.9377, 18.9146,
6.8562

184.2895,
245.9770, 176.0486

 5.4196, 11.6086,
3.2952

225.2145,
296.1766, 217.7592

 2.5328, 6.4778,
1.2473


271.7896,


 0.9118, 3.1377,


352.7796, 265.5867


0.0180

324.3802,
416.1706, 319.9498

 0.0000, 1.2040,
0.0000


 0.0000, 0.0650,
0.0000


 51.6294, 77.5784,
44.6007

 51.6294, 77.5784,
44.6007


 46.2437, 74.9952,
35.7200


 58.2967, 80.7911,
55.1513


 42.0503, 72.9907,
28.4187

 66.3151, 84.6610,
67.4460

 38.9582, 71.5221,
22.6054

 75.7565, 89.2255,
81.5605

 36.8597, 70.5361,
18.1773

 86.6855, 94.5168,
97.5649

■ 35.6248, 69.9682,
15.0184

■ 94.1019, 98.1038,
108.5840

■ 35.2366, 69.7937,
13.8401

Harmonies

Analogous

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



61.5066, 77.5784, 28.2251



51.6294, 77.5784, 44.6007



47.6639, 77.5784, 78.0411

Triad

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



51.6294, 77.5784, 44.6007



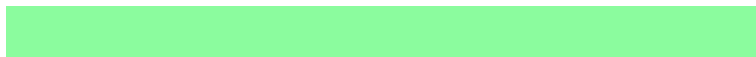
71.4557, 77.5784, 202.5121



104.2696, 77.5784, 52.4918

Complementary

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



51.6294, 77.5784, 44.6007



64.0879, 45.0453, 82.4102

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.



107.9136, 77.5784, 91.2419



51.6294, 77.5784, 44.6007



87.4875, 77.5784, 188.1944

Square

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



51.6294, 77.5784, 44.6007



58.0375, 77.5784, 177.1607



101.3936, 77.5784, 142.9730



92.0370, 77.5784, 31.5234

Rectangle

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



51.6294, 77.5784, 44.6007



48.4288, 77.5784, 109.7726



101.3936, 77.5784, 142.9730



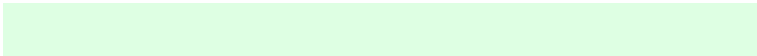
106.6072, 77.5784, 63.3884

Sweetspot

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



51.6314, 77.5816, 44.6024



79.7620, 92.5954, 86.6491



73.1323, 88.8404, 37.7200



16.5730, 19.5776, 17.8090



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.



51.6314, 77.5816, 44.6024



47.9037, 77.2296, 37.3688



57.6403, 79.9852, 76.2449



17.1364, 19.3568, 18.9191



18.3902, 36.3691, 7.3980



1.7358, 3.3814, 0.8567

Inverse Universe

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



64.0879, 45.0453, 82.4102



62.1799, 39.8700, 80.6477



57.2823, 42.3231, 46.5723



17.8604, 17.4715, 21.1204



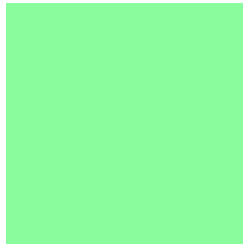
26.9952, 13.2138, 33.0128



2.5323, 1.2367, 3.2267

Previews

White Background



This preview shows how the XYZ color 51.6294, 77.5784, 44.6007 looks on a white background.

Color Contrast Check

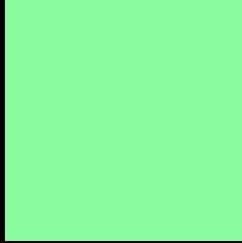
Large Text (above 18pt) WCAG AA × Fail

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 51.6294, 77.5784, 44.6007 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

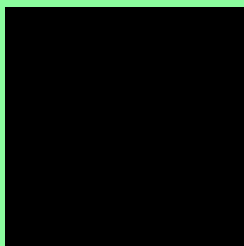
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

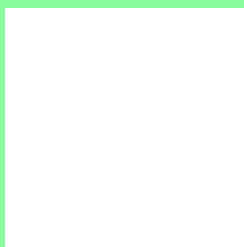
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.6294, 77.5784, 44.6007

Background



This preview shows how black text looks on a background with the XYZ color 51.6294, 77.5784, 44.6007.

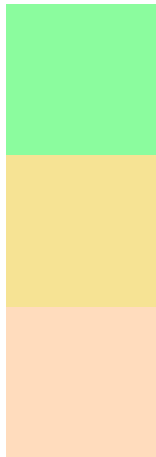


This preview shows how white text looks on a background with the XYZ color 51.6294, 77.5784,

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

51.6294, 77.5784, 44.6007

Protanopia

70.8204, 76.6691, 39.0830

Deuteranopia

76.0185, 76.1205, 58.8302



Tritanopia

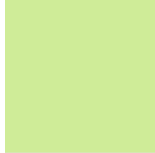
65.6378, 77.1397, 106.0377

Trichromacy



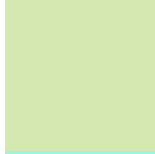
Original Color

51.6294, 77.5784, 44.6007



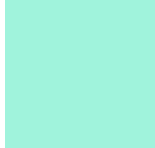
Protanomaly

61.3951, 75.5233, 41.0474



Deuteranomaly

64.3331, 75.0737, 53.2194



Tritanomaly

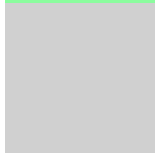
59.4661, 76.7421, 79.3887

Monochromacy



Original Color

51.6294, 77.5784, 44.6007



Achromatopsia

59.9535, 63.0757, 68.6895



Achromatomaly

55.4784, 67.0963, 58.7421

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.6294, 77.5784, 44.6007 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(139, 252, 158)` looks like.

```
.text, #text, p{  
    color:rgb(139, 252, 158)  
}
```

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(139, 252, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 252, 158) }
```

Border

The CSS property to change the border of an element to XYZ 51.6294, 77.5784, 44.6007 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(139, 252, 158) }
```


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

```
.border{ border-color:rgb(139, 252, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 252, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 252, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 252, 158);  
box-shadow:4px 4px 4px 4px rgb(139, 252,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 51.6294, 77.5784, 44.6007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 252, 158) }
```

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

```
.background{ background-color: rgb(139,  
252, 158) }
```

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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