

Converting Colors

XYZ(54.6302, 80.8129, 32.4578)

Have a look what the booklet for
XYZ(54.6302, 80.8129, 32.4578)
contains.

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Color

**XYZ(54.6302, 80.8129,
32.4578)**

Conversions

Conversions Part 1

Format	Color
Hex	A3FF7E
RGB	163, 255, 126
RGB Percent	64%, 100%, 49%
CMY	0.3608, 0.0000, 0.5059
CMYK	0.36, 0.00, 0.51, 0.00
HSL	103°, 100%, 75%
HSV	103°, 51%, 100%
XYZ	54.6302, 80.8129, 32.4578
YIQ	212.7860, -13.4230, -59.6230

Conversions

Conversions Part 2

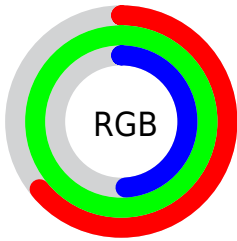
Format	Color
RYB	126, 255, 218
Decimal	10747774
CIELab	92.05, -50.01, 52.69
CIELCh	92, 72.639, 133.504
Yxy	80.8129, 0.3254, 0.4813
Android (android.graphics.Color)	4288937854 (0xFFA3FF7E)
YUV	212.7860, -42.7855, -43.6623
Hunter-Lab	89.8960, -48.8427, 41.5200

Details

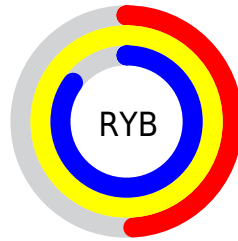
The XYZ color **54.6302, 80.8129, 32.4578** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **54.4256, 37.0485, 98.8903**, and the grayscale version is **63.3860, 66.6870, 72.6221**.

A 20% lighter version of the original color is **73.9193, 90.2283, 57.2359**, and **27.3405, 43.9334, 13.3423** is the 20% darker color. If you saturate the color by 10%, you get **49.7290, 78.4528, 24.7067**, and if you desaturate by 10%, it is **60.4869, 83.6172, 42.4448**.

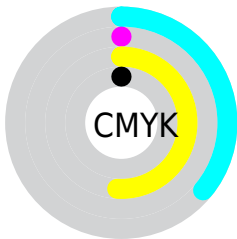
Distribution



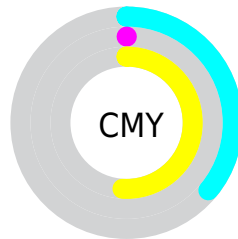
- Red (64%)
- Green (100%)
- Blue (49%)



- Red (49%)
- Yellow (100%)
- Blue (85%)



- Cyan (36%)
- Magenta (0%)
- Yellow (51%)
- Black (0%)





- Cyan (36%)
- Magenta (0%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.6302, 80.8129, 32.4578 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 54.6302, 80.8129, 32.4578 by changing the saturation by 10% instead.


 54.6302, 80.8129,
32.4578


 54.6302, 80.8129,
32.4578


394.6679,
497.6682, 327.7562


 39.3384, 60.3875,
21.4437


 96.1504, 134.5080,
64.6343

 27.2050, 43.7311,
13.2543


 123.1095,
168.5466, 86.6338

 17.8646, 30.4591,
7.4711


 154.6885,
207.8916, 113.1322

 10.9519, 20.1873,
3.6756

191.2526,
252.9275, 144.5480

 6.1016, 12.5313,
1.4491

233.1672,
304.0388, 181.2997

 2.9482, 7.1066,
0.1796


280.7977,


 1.1264, 3.5289,


361.6097, 223.8060


0.0000


334.5095,
426.0247, 272.4853


 0.0471, 1.4137,
0.0000


 0.0000, 0.2268,
0.0000


 54.6302, 80.8129,
32.4578


 54.6302, 80.8129,
32.4578


 49.7290, 78.4528,
24.7067


 60.4869, 83.6172,
42.4448


 45.7272, 76.5115,
19.0154

 67.3486, 86.8877,
54.8182

 42.5632, 74.9619,
15.1875

 75.2624, 90.6458,
69.7199

 40.1662, 73.7724,
12.9869

 84.2720, 94.9111,
87.2795

■ 38.5180, 72.9418,
12.0491

94.4184, 99.7021,
107.6177

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



68.7197, 80.8129, 21.0577



54.6302, 80.8129, 32.4578



47.2460, 80.8129, 61.8810

Triad

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



54.6302, 80.8129, 32.4578



67.0503, 80.8129, 228.1829



117.3248, 80.8129, 66.0781

Complementary

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



54.6302, 80.8129, 32.4578



54.4256, 37.0485, 98.8903

Split Complementary

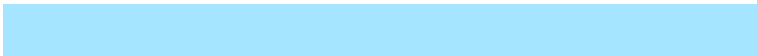
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



116.6818, 80.8129, 120.5740



54.6302, 80.8129, 32.4578



85.5121, 80.8129, 230.8187

Square

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



54.6302, 80.8129, 32.4578



53.5797, 80.8129, 179.5711



104.3033, 80.8129, 185.7554



105.9390, 80.8129, 34.4520

Rectangle

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



54.6302, 80.8129, 32.4578



46.2320, 80.8129, 94.4334



104.3033, 80.8129, 185.7554



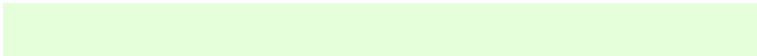
118.5578, 80.8129, 81.8494

Sweetspot

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



54.6305, 80.8130, 32.4590



80.1581, 92.9650, 79.1945



69.6392, 72.0326, 29.9732



16.7530, 19.7070, 16.1645



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

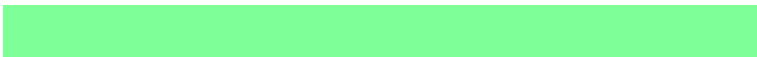
The Same Dimension uses a secret algorithm to generate beautiful new colors.



54.6305, 80.8130, 32.4590



49.5463, 78.3644, 24.4320



50.0161, 78.2164, 42.0823



18.2608, 20.4204, 19.1234



20.2528, 38.1788, 6.3018



2.0741, 3.7700, 0.6184

Inverse Universe

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



54.4256, 37.0485, 98.8903



49.2433, 29.9877, 97.8005



62.8722, 41.8510, 79.0401



18.2552, 18.0233, 22.7666



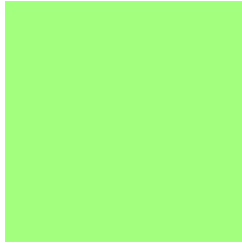
19.6497, 9.0402, 50.1439



2.0211, 0.9358, 4.8874

Previews

White Background



This preview shows how the XYZ color 54.6302, 80.8129, 32.4578 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 54.6302, 80.8129, 32.4578 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

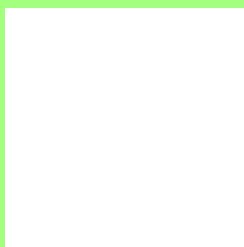
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.6302, 80.8129, 32.4578

Background



This preview shows how black text looks on a background with the XYZ color 54.6302, 80.8129, 32.4578.



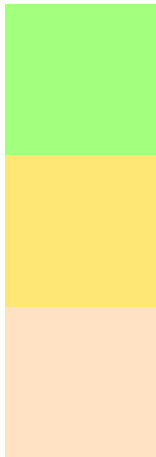
This preview shows how white text looks on a background with the XYZ color 54.6302, 80.8129, 32.4578.

32.4578.

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

54.6302, 80.8129, 32.4578

Protanopia

73.0859, 79.7198, 28.6750

Deuteranopia

78.2867, 79.5928, 62.8666



Tritanopia

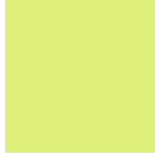
71.1646, 80.4223, 106.3800

Trichromacy



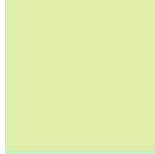
Original Color

54.6302, 80.8129, 32.4578



Protanomaly

64.7355, 79.2302, 29.9702



Deuteranomaly

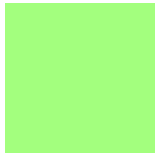
67.6641, 79.0002, 49.7125



Tritanomaly

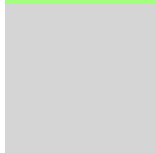
63.5660, 79.9262, 71.7515

Monochromacy



Original Color

54.6302, 80.8129, 32.4578



Achromatopsia

63.2451, 66.5387, 72.4607



Achromatomaly

58.5896, 70.4251, 54.2215

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.6302, 80.8129, 32.4578 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(163, 255, 126)` looks like.

```
.text, #text, p{  
    color:rgb(163, 255, 126)  
}
```

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(163, 255, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 255, 126) }
```

Border

The CSS property to change the border of an element to XYZ 54.6302, 80.8129, 32.4578 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(163, 255, 126) }
```


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

```
.border{ border-color:rgb(163, 255, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 255, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 255, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 255, 126);  
box-shadow:4px 4px 4px 4px rgb(163, 255,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 54.6302, 80.8129, 32.4578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 255, 126) }
```

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

```
.background{ background-color: rgb(163,  
255, 126) }
```

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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