

Converting Colors

XYZ(54.9787, 81.0000, 32.1389)

Have a look what the booklet for
XYZ(54.9787, 81.0000, 32.1389)
contains.

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Color

**XYZ(54.9787, 81.0000,
32.1389)**

Conversions

Conversions Part 1

Format	Color
Hex	A5FF7D
RGB	165, 255, 125
RGB Percent	65%, 100%, 49%
CMY	0.3529, 0.0000, 0.5098
CMYK	0.35, 0.00, 0.51, 0.00
HSL	102°, 100%, 75%
HSV	102°, 51%, 100%
XYZ	54.9787, 81.0000, 32.1389
YIQ	213.2700, -11.9100, -59.5100

Conversions

Conversions Part 2

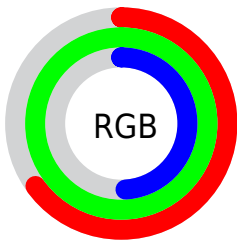
Format	Color
RYB	125, 255, 215
Decimal	10878845
CIELab	92.13, -49.48, 53.27
CIElCh	92, 72.706, 132.889
Yxy	81.0000, 0.3270, 0.4818
Android (android.graphics.Color)	4289068925 (0xFFA5FF7D)
YUV	213.2700, -43.5171, -42.3328
Hunter-Lab	90.0000, -48.4589, 41.8276

Details

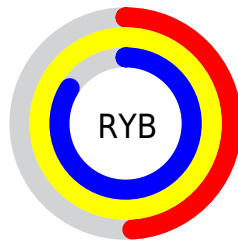
The XYZ color **54.9787, 81.0000, 32.1389** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **53.4094, 36.3357, 98.8063**, and the grayscale version is **63.7144, 67.0325, 72.9984**.

A 20% lighter version of the original color is **74.4296, 90.5033, 56.7260**, and **27.5481, 44.0442, 13.1803** is the 20% darker color. If you saturate the color by 10%, you get **50.1310, 78.6656, 24.4728**, and if you desaturate by 10%, it is **60.7520, 83.7632, 42.0332**.

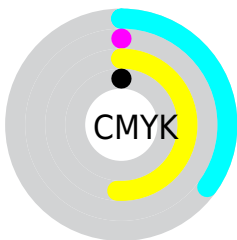
Distribution



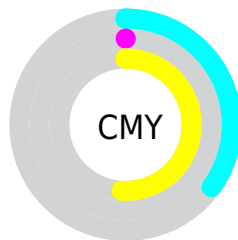
- Red (65%)
- Green (100%)
- Blue (49%)



- Red (49%)
- Yellow (100%)
- Blue (84%)



- Cyan (35%)
- Magenta (0%)
- Yellow (51%)
- Black (0%)





- Cyan (35%)
- Magenta (0%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.9787, 81.0000, 32.1389 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 54.9787, 81.0000, 32.1389 by changing the saturation by 10% instead.


 54.9787, 81.0000,
32.1389

 54.9787, 81.0000,
32.1389


395.9689,
498.2965, 326.2637


 39.6184, 60.5416,
21.2019


 96.6583, 134.7708,
64.1292

 27.4241, 43.8553,
13.0790


 123.7083,
168.8519, 86.0196

 18.0302, 30.5568,
7.3516


 155.3856,
208.2428, 112.3983

 11.0715, 20.2616,
3.6012

192.0555,
253.3278, 143.6837

 6.1826, 12.5853,
1.4092

234.0835,
304.4912, 180.2944

 2.9981, 7.1436,
0.1489

281.8348,

 1.1528, 3.5521,

362.1176, 222.6489

0.0000

335.6748,
426.5912, 271.1658

■ 0.0686, 1.4263,
0.0000

■ 0.0000, 0.2360,
0.0000

■ 54.9787, 81.0000,
32.1389

■ 54.9787, 81.0000,
32.1389

■ 50.1310, 78.6656,
24.4728

■ 60.7520, 83.7632,
42.0332

■ 46.1548, 76.7359,
18.8581

■ 67.4988, 86.9767,
54.3067

■ 42.9908, 75.1848,
15.0974

■ 75.2644, 90.6605,
69.1018

■ 40.5702, 73.9819,
12.9525

■ 84.0908, 94.8337,
86.5483

■ 38.9395, 73.1591,
12.0688

94.0176, 99.5139,
106.7672

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.



69.2278, 81.0000, 21.0034



54.9787, 81.0000, 32.1389



47.4326, 81.0000, 61.1862

Triad

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



54.9787, 81.0000, 32.1389



66.8666, 81.0000, 228.1349



117.7205, 81.0000, 67.1230

Complementary

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



54.9787, 81.0000, 32.1389



53.4094, 36.3357, 98.8063

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.



116.8110, 81.0000, 122.1713



54.9787, 81.0000, 32.1389



85.3076, 81.0000, 231.8626

Square

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



54.9787, 81.0000, 32.1389



53.4927, 81.0000, 178.7077



104.2039, 81.0000, 187.4542



106.5175, 81.0000, 34.9601

Rectangle

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



54.9787, 81.0000, 32.1389



46.3199, 81.0000, 93.4985



104.2039, 81.0000, 187.4542



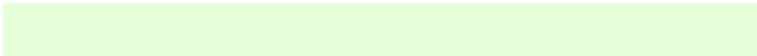
118.8682, 81.0000, 83.0964

Sweetspot

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



54.9790, 81.0001, 32.1401



80.4116, 93.0957, 79.2064



68.9466, 70.7501, 29.4255



16.8136, 19.7382, 16.1673



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

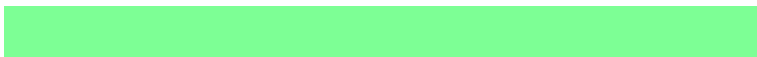
The Same Dimension uses a secret algorithm to generate beautiful new colors.



54.9790, 81.0001, 32.1401



50.1218, 78.6611, 24.4589



49.6297, 78.0449, 40.8137



18.2972, 20.4391, 19.1251



20.4797, 38.2958, 6.3124



2.1000, 3.7834, 0.6196

Inverse Universe

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



53.4094, 36.3357, 98.8063



48.3262, 29.5149, 97.7576



63.0215, 41.7071, 80.4539



18.2169, 18.0035, 22.7648



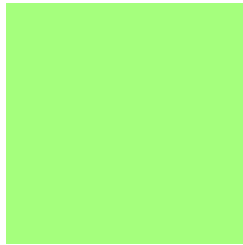
19.0110, 8.7110, 50.1140



1.9629, 0.9058, 4.8847

Previews

White Background



This preview shows how the XYZ color 54.9787, 81.0000, 32.1389 looks on a white background.

Color Contrast Check

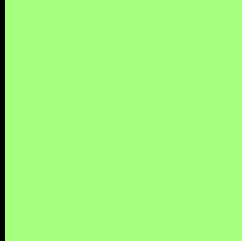
Large Text (above 18pt) WCAG AA × Fail

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 54.9787, 81.0000, 32.1389 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

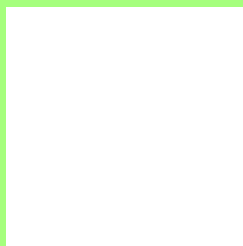
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.9787, 81.0000, 32.1389

Background



This preview shows how black text looks on a background with the XYZ color 54.9787, 81.0000, 32.1389.



This preview shows how white text looks on a background with the XYZ color 54.9787, 81.0000,

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

54.9787, 81.0000, 32.1389

Protanopia

73.2671, 79.7923, 29.6290

Deuteranopia

78.5594, 80.1383, 62.9575



Tritanopia

71.6815, 80.6888, 106.4042

Trichromacy



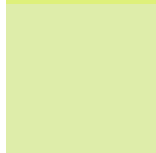
Original Color

54.9787, 81.0000, 32.1389



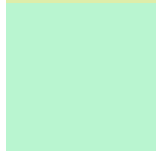
Protanomaly

64.7971, 79.2549, 30.2949



Deuteranomaly

67.6641, 79.0002, 49.7125



Tritanomaly

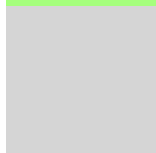
64.0452, 80.1732, 71.7739

Monochromacy



Original Color

54.9787, 81.0000, 32.1389



Achromatopsia

63.2451, 66.5387, 72.4607



Achromatomaly

58.8488, 70.5588, 54.2336

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.9787, 81.0000, 32.1389 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(165, 255, 125)` looks like.

```
.text, #text, p{  
    color:rgb(165, 255, 125)  
}
```

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(165, 255, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 255, 125) }
```

Border

The CSS property to change the border of an element to XYZ 54.9787, 81.0000, 32.1389 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(165, 255, 125) }
```


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

```
.border{ border-color:rgb(165, 255, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 255, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 255, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 255, 125);  
box-shadow:4px 4px 4px 4px rgb(165, 255,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 54.9787, 81.0000, 32.1389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 255, 125) }
```

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

```
.background{ background-color: rgb(165,  
255, 125) }
```

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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