

Converting Colors

XYZ(52.3459, 79.5845, 34.6481)

Have a look what the booklet for
XYZ(52.3459, 79.5845, 34.6481)
contains.

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Color

**XYZ(52.3881, 79.6030,
34.7941)**

Conversions

Conversions Part 1

Format	Color
Hex	95FF85
RGB	149, 255, 133
RGB Percent	58%, 100%, 52%
CMY	0.4157, 0.0000, 0.4784
CMYK	0.42, 0.00, 0.48, 0.00
HSL	112°, 100%, 76%
HSV	112°, 48%, 100%
XYZ	52.3881, 79.6030, 34.7941
YIQ	209.3980, -24.0140, -60.4140

Conversions

Conversions Part 2

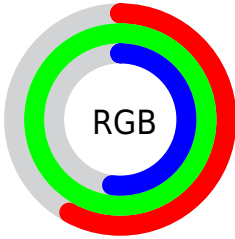
Format	Color
RYB	133, 255, 239
Decimal	9830277
CIELab	91.51, -53.44, 48.62
CIElCh	92, 72.246, 137.701
Yxy	79.6030, 0.3141, 0.4773
Android (android.graphics.Color)	4288020357 (0xFF95FF85)
YUV	209.3980, -37.6642, -52.9690
Hunter-Lab	89.2205, -51.3251, 39.3325

Details

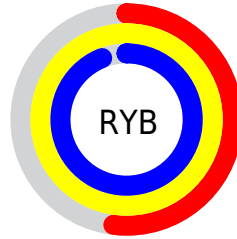
The XYZ color **52.3881, 79.6030, 34.7941** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **62.0354, 42.3471, 99.5119**, and the grayscale version is **61.1140, 64.2966, 70.0190**.

A 20% lighter version of the original color is **70.8495, 88.5607, 60.9367**, and **25.7286, 42.7358, 14.4822** is the 20% darker color. If you saturate the color by 10%, you get **47.1697, 77.0923, 26.4434**, and if you desaturate by 10%, it is **58.8038, 82.6816, 45.4353**.

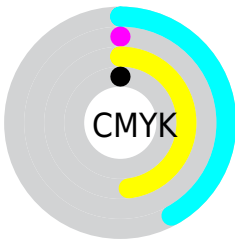
Distribution



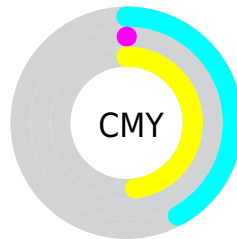
- Red (58%)
- Green (100%)
- Blue (52%)



- Red (52%)
- Yellow (100%)
- Blue (94%)



- Cyan (42%)
- Magenta (0%)
- Yellow (48%)
- Black (0%)





- Cyan (42%)
- Magenta (0%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.3881, 79.6030, 34.7941 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 52.3881, 79.6030, 34.7941 by changing the saturation by 10% instead.


 52.3881, 79.6030,
34.7941

 52.3881, 79.6030,
34.7941


386.2325,
493.5939, 338.5352


 37.5400, 59.3917,
23.2220


 92.8742, 132.8074,
68.3146

 25.8015, 42.9285,
14.5507


 119.2429,
166.5694, 91.1002

 16.8071, 29.8290,
8.3616


 150.1826,
205.6170, 118.4606

 10.1915, 19.7089,
4.2361

186.0586,
250.3346, 150.8145

 5.5893, 12.1836,
1.7557

227.2362,
301.1068, 188.5803

 2.6353, 6.8688,
0.3985

274.0808,

 0.9640, 3.3802,

358.3178, 232.1767

0.0000

326.9578,
422.3520, 282.0221

0.0000, 1.3333,
0.0000

0.0000, 0.1668,
0.0000

52.3881, 79.6030,
34.7941

52.3881, 79.6030,
34.7941

47.1697, 77.0923,
26.4434

58.8038, 82.6816,
45.4353

43.0723, 75.1137,
20.2116

66.4844, 86.3595,
58.5142

40.0124, 73.6283,
15.9091

75.4935, 90.6667,
74.1704

37.8937, 72.5914,
13.3109

85.8902, 95.6308,
92.5315

■ 36.5976, 71.9483, 95.0500, 100.0000,
12.1166 108.9000

■ 36.4013, 71.8506,
11.9500

Harmonies

Analogous

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



65.4025, 79.6030, 21.5372



52.3881, 79.6030, 34.7941



46.0840, 79.6030, 66.8285

Triad

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



52.3881, 79.6030, 34.7941



68.3698, 79.6030, 228.1935



114.6279, 79.6030, 59.3666

Complementary

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



52.3881, 79.6030, 34.7941



62.0354, 42.3471, 99.5119

Split Complementary

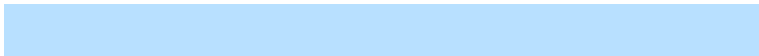
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



115.7704, 79.6030, 110.1045



52.3881, 79.6030, 34.7941



86.9381, 79.6030, 223.5120

Square

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



52.3881, 79.6030, 34.7941



54.2557, 79.6030, 185.3233



104.9691, 79.6030, 174.3375



102.0626, 79.6030, 31.2464

Rectangle

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



52.3881, 79.6030, 34.7941



45.7306, 79.6030, 100.9771



104.9691, 79.6030, 174.3375



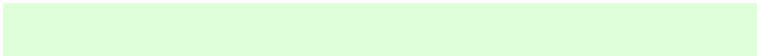
116.4262, 79.6030, 73.7899

Sweetspot

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



52.3885, 79.6032, 34.7953



79.3204, 92.4946, 80.8977



76.2625, 84.5308, 34.4882



16.5124, 19.5753, 16.4961



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.



52.3885, 79.6032, 34.7953



47.5647, 77.2826, 27.0623



53.4427, 79.7106, 54.5493



17.9929, 20.2823, 19.1109



19.0882, 37.5784, 6.2473



1.9240, 3.6926, 0.6113

Inverse Universe

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



62.0354, 42.3471, 99.5119



58.1604, 36.1191, 98.5140



61.2943, 42.7025, 66.1598



18.5446, 18.1725, 22.7802



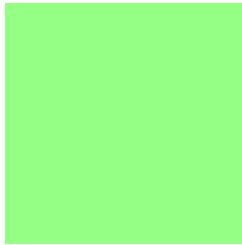
25.1933, 11.8981, 50.4033



2.5153, 1.1906, 4.9105

Previews

White Background



This preview shows how the XYZ color 52.3881, 79.6030, 34.7941 looks on a white background.

Color Contrast Check

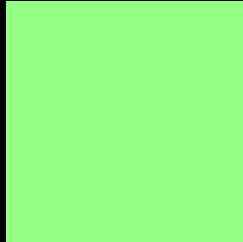
Large Text (above 18pt) WCAG AA × Fail

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 52.3881, 79.6030, 34.7941 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 52.3881, 79.6030, 34.7941

Background



This preview shows how black text looks on a background with the XYZ color 52.3881, 79.6030, 34.7941.

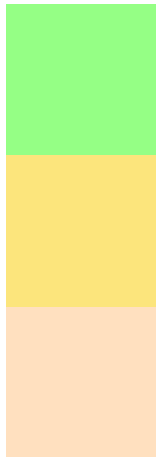


This preview shows how white text looks on a background with the XYZ color 52.3881, 79.6030,

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

52.3881, 79.6030, 34.7941

Protanopia

71.8023, 78.1893, 30.3764

Deuteranopia

77.2996, 78.3329, 60.3358



Tritanopia

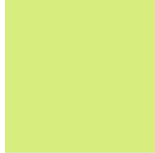
68.6837, 79.1434, 106.2639

Trichromacy



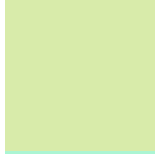
Original Color

52.3881, 79.6030, 34.7941



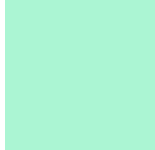
Protanomaly

62.4296, 77.1285, 31.6756



Deuteranomaly

65.2829, 76.9179, 49.4361



Tritanomaly

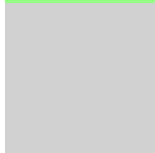
61.2049, 78.6659, 73.5862

Monochromacy



Original Color

52.3881, 79.6030, 34.7941



Achromatopsia

60.6036, 63.7597, 69.4343



Achromatomaly

56.0304, 68.2937, 53.9450

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.3881, 79.6030, 34.7941 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(149, 255, 133)` looks like.

```
.text, #text, p{  
    color:rgb(149, 255, 133)  
}
```

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(149, 255, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 255, 133) }
```

Border

The CSS property to change the border of an element to XYZ 52.3881, 79.6030, 34.7941 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(149, 255, 133) }
```


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

```
.border{ border-color:rgb(149, 255, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 255, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 255, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 255, 133);  
box-shadow:4px 4px 4px 4px rgb(149, 255,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 52.3881, 79.6030, 34.7941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 255, 133) }
```

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

```
.background{ background-color: rgb(149,  
255, 133) }
```

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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