

Converting Colors

XYZ(52.4956, 79.6262, 36.2564)

Have a look what the booklet for
XYZ(52.4956, 79.6262, 36.2564)
contains.

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Color

**XYZ(52.4881, 79.6220,
36.2691)**

Conversions

Conversions Part 1

Format	Color
Hex	94FF89
RGB	148, 255, 137
RGB Percent	58%, 100%, 54%
CMY	0.4196, 0.0000, 0.4627
CMYK	0.42, 0.00, 0.46, 0.00
HSL	114°, 100%, 77%
HSV	114°, 46%, 100%
XYZ	52.4881, 79.6220, 36.2691
YIQ	209.5550, -25.8940, -59.3820

Conversions

Conversions Part 2

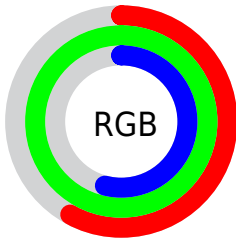
Format	Color
RYB	137, 255, 244
Decimal	9764745
CIELab	91.51, -53.21, 46.73
CIElCh	92, 70.819, 138.711
Yxy	79.6220, 0.3117, 0.4729
Android (android.graphics.Color)	4287954825 (0xFF94FF89)
YUV	209.5550, -35.7696, -53.9837
Hunter-Lab	89.2312, -51.1562, 38.3627

Details

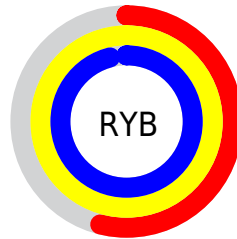
The XYZ color **52.4881, 79.6220, 36.2691** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **64.3052, 44.3458, 99.7781**, and the grayscale version is **61.2057, 64.3932, 70.1242**.

A 20% lighter version of the original color is **70.7280, 88.4476, 63.2135**, and **25.7829, 42.7463, 15.2795** is the 20% darker color. If you saturate the color by 10%, you get **47.0966, 77.0296, 27.5706**, and if you desaturate by 10%, it is **59.1481, 82.8185, 47.2856**.

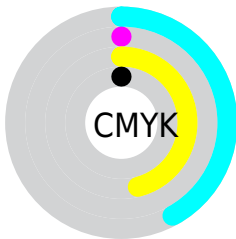
Distribution



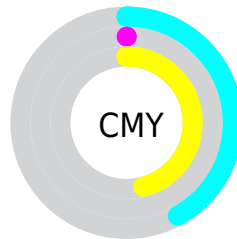
- Red (58%)
- Green (100%)
- Blue (54%)



- Red (54%)
- Yellow (100%)
- Blue (96%)



- Cyan (42%)
- Magenta (0%)
- Yellow (46%)
- Black (0%)





- Cyan (42%)
- Magenta (0%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.4881, 79.6220, 36.2691 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 52.4881, 79.6220, 36.2691 by changing the saturation by 10% instead.


 52.4881, 79.6220,
36.2691


 52.4881, 79.6220,
36.2691


386.6111,
493.6580, 345.2081

 37.6201, 59.4073,
24.3508


 93.0207, 132.8342,
70.6209

 25.8639, 42.9411,
15.3794


 119.4159,
166.6004, 93.8915

 16.8540, 29.8389,
8.9365


 150.3844,
205.6527, 121.7832

 10.2251, 19.7164,
4.6036

186.2913,
250.3754, 154.7146

 5.6119, 12.1890,
1.9620

227.5021,
301.1529, 193.1043

 2.6489, 6.8726,
0.5317

274.3821,

 0.9710, 3.3825,

358.3696, 237.3707

0.0000

327.2967,
422.4098, 287.9325

0.0000, 1.3345,
0.0000

0.0000, 0.1677,
0.0000

52.4881, 79.6220,
36.2691

52.4881, 79.6220,
36.2691

47.0966, 77.0296,
27.5706

59.1481, 82.8185,
47.2856

42.8915, 75.0024,
21.0211

67.1492, 86.6531,
60.7654

39.7828, 73.4981,
16.4348

76.5599, 91.1583,
76.8464

37.6669, 72.4680,
13.5928

87.4437, 96.3641,
95.6553

■ 36.4197, 71.8541, 95.0500, 100.0000,
12.2226 108.9000

■ 36.1312, 71.7113,
11.9374

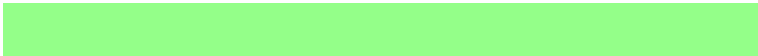
Harmonies

Analogous

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



65.0854, 79.6220, 22.5302



52.4881, 79.6220, 36.2691



46.4991, 79.6220, 68.6619

Triad

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



52.4881, 79.6220, 36.2691



69.0876, 79.6220, 225.1991



113.5249, 79.6220, 58.5671

Complementary

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



52.4881, 79.6220, 36.2691



64.3052, 44.3458, 99.7781

Split Complementary

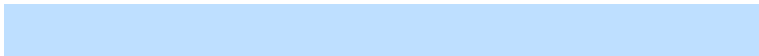
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



115.0549, 79.6220, 107.6373



52.4881, 79.6220, 36.2691



87.3625, 79.6220, 218.9673

Square

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



52.4881, 79.6220, 36.2691



55.0157, 79.6220, 184.8369



104.8552, 79.6220, 170.1776



100.9580, 79.6220, 31.4162

Rectangle

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



52.4881, 79.6220, 36.2691



46.3035, 79.6220, 102.6303



104.8552, 79.6220, 170.1776



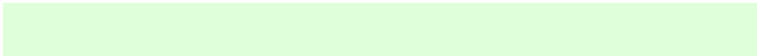
115.4137, 79.6220, 72.5007

Sweetspot

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



52.4885, 79.6222, 36.2703



78.9024, 92.2791, 80.8781



77.8662, 87.2874, 36.4123



16.4121, 19.5236, 16.4914



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.



52.4885, 79.6222, 36.2703



47.2278, 77.0927, 27.7789



54.7500, 80.3078, 58.0738



17.9285, 20.2491, 19.1079



18.9316, 37.4977, 6.2400



1.8937, 3.6770, 0.6099

Inverse Universe

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



64.3052, 44.3458, 99.7781



60.3781, 37.6751, 98.6975



61.5469, 43.6965, 64.7368



18.6159, 18.2093, 22.7835



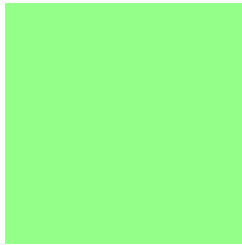
26.7592, 12.7054, 50.4766



2.6521, 1.2611, 4.9169

Previews

White Background



This preview shows how the XYZ color 52.4881, 79.6220, 36.2691 looks on a white background.

Color Contrast Check

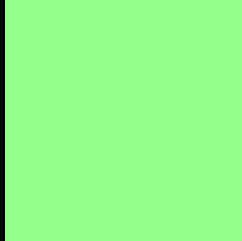
Large Text (above 18pt) WCAG AA × Fail

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 52.4881, 79.6220, 36.2691 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 52.4881, 79.6220, 36.2691

Background



This preview shows how black text looks on a background with the XYZ color 52.4881, 79.6220, 36.2691.



This preview shows how white text looks on a background with the XYZ color 52.4881, 79.6220,

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

52.4881, 79.6220, 36.2691

Protanopia

72.0605, 78.2926, 31.7361

Deuteranopia

77.4101, 78.3771, 60.9175



Tritanopia

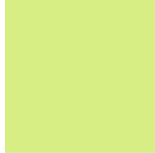
68.6837, 79.1434, 106.2639

Trichromacy



Original Color

52.4881, 79.6220, 36.2691



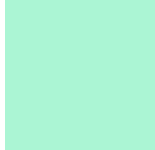
Protanomaly

62.4028, 77.0839, 33.0624



Deuteranomaly

65.4736, 76.9941, 50.4403



Tritanomaly

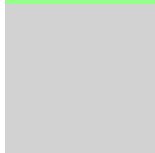
61.3307, 78.7162, 74.2486

Monochromacy



Original Color

52.4881, 79.6220, 36.2691



Achromatopsia

61.2578, 64.4480, 70.1838



Achromatomaly

56.2371, 68.3764, 55.0337

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.4881, 79.6220, 36.2691 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(148, 255, 137)` looks like.

```
.text, #text, p{  
    color:rgb(148, 255, 137)  
}
```

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(148, 255, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 255, 137) }
```

Border

The CSS property to change the border of an element to XYZ 52.4881, 79.6220, 36.2691 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(148, 255, 137) }
```


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

```
.border{ border-color:rgb(148, 255, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 255, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 255, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 255, 137);  
box-shadow:4px 4px 4px 4px rgb(148, 255,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 52.4881, 79.6220, 36.2691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 255, 137) }
```

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

```
.background{ background-color: rgb(148,  
255, 137) }
```

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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