

Converting Colors

XYZ(56.4318, 87.3538, 30.0784)

Have a look what the booklet for
XYZ(56.4318, 87.3538, 30.0784)
contains.

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Color

**XYZ(52.7591, 79.9259,
28.8662)**

Conversions

Conversions Part 1

Format	Color
Hex	9DFF73
RGB	157, 255, 115
RGB Percent	62%, 100%, 45%
CMY	0.3843, 0.0000, 0.5490
CMYK	0.38, 0.00, 0.55, 0.00
HSL	102°, 100%, 73%
HSV	102°, 55%, 100%
XYZ	52.7591, 79.9259, 28.8662
YIQ	209.7380, -13.4680, -64.3160

Conversions

Conversions Part 2

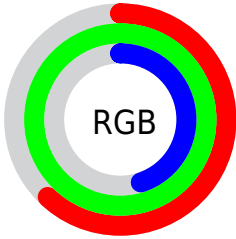
Format	Color
RYB	115, 255, 213
Decimal	10354547
CIELab	91.65, -53.10, 57.12
CIELCh	92, 77.990, 132.907
Yxy	79.9259, 0.3266, 0.4947
Android (android.graphics.Color)	4288544627 (0xFF9DFF73)
YUV	209.7380, -46.7058, -46.2512
Hunter-Lab	89.4013, -51.1126, 43.4371

Details

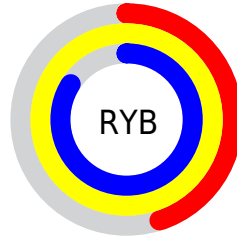
The XYZ color **52.7591, 79.9259, 28.8662** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **51.6229, 33.6291, 98.3780**, and the grayscale version is **61.3894, 64.5864, 70.3346**.

A 20% lighter version of the original color is **71.3346, 89.0212, 51.4533**, and **26.1820, 43.3777, 11.4077** is the 20% darker color. If you saturate the color by 10%, you get **48.2569, 77.7516, 22.0267**, and if you desaturate by 10%, it is **58.1765, 82.5250, 37.8689**.

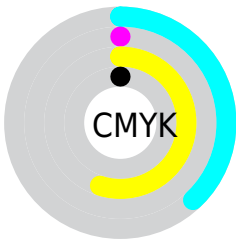
Distribution



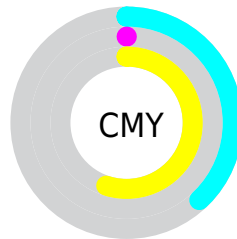
- Red (62%)
- Green (100%)
- Blue (45%)



- Red (45%)
- Yellow (100%)
- Blue (84%)



- Cyan (38%)
- Magenta (0%)
- Yellow (55%)
- Black (0%)





- Cyan (38%)
- Magenta (0%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.7591, 79.9259, 28.8662 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 52.7591, 79.9259, 28.8662 by changing the saturation by 10% instead.


 52.7591, 79.9259,
28.8662

 52.7591, 79.9259,
28.8662


387.6362,
494.6831, 310.6243

 37.8372, 59.6574,
18.7349


 93.4174, 133.2615,
58.9041

 26.0330, 43.1425,
11.3040


 119.8845,
167.0975, 79.6478

 16.9811, 29.9970,
6.1550


 150.9308,
206.2246, 104.7660

 10.3163, 19.8363,
2.8692

186.9215,
251.0274, 134.6773

 5.6730, 12.2761,
1.0283

228.2220,
301.8903, 169.8003

 2.6861, 6.9320,
0.0000

275.1978,

 0.9900, 3.4196,

359.1976, 210.5534

0.0000

328.2140,
423.3337, 257.3552

0.0000, 1.3545,
0.0000

0.0000, 0.1828,
0.0000

52.7591, 79.9259,
28.8662

52.7591, 79.9259,
28.8662

48.2569, 77.7516,
22.0267

58.1765, 82.5250,
37.8689

44.6127, 75.9768,
17.1647

64.5595, 85.5715,
49.1926

41.7631, 74.5734,
14.0696

71.9552, 89.0865,
62.9845

39.6335, 73.5085,
12.4806

80.4075, 93.0898,
79.3785

■ 38.7800, 73.0769,
12.0613

■ 89.9575, 97.5997,
98.4991

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.



67.7283, 79.9259, 17.9118



52.7591, 79.9259, 28.8662



44.9212, 79.9259, 58.5996

Triad

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



52.7591, 79.9259, 28.8662



65.2554, 79.9259, 239.6345



119.7554, 79.9259, 64.7498

Complementary

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



52.7591, 79.9259, 28.8662



51.6229, 33.6291, 98.3780

Split Complementary

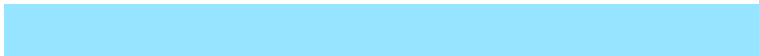
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



118.7771, 79.9259, 123.4166



52.7591, 79.9259, 28.8662



84.8484, 79.9259, 243.7323

Square

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



52.7591, 79.9259, 28.8662



51.2226, 79.9259, 185.1151



105.1434, 79.9259, 194.6465



107.6200, 79.9259, 31.6675

Rectangle

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



52.7591, 79.9259, 28.8662



43.7738, 79.9259, 92.7083



105.1434, 79.9259, 194.6465



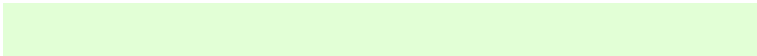
121.0038, 79.9259, 81.5802

Sweetspot

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



52.7594, 79.9260, 28.8674



79.4251, 92.6251, 77.4446



68.1293, 70.0870, 26.1582



16.6142, 19.6429, 15.8203



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.



52.7594, 79.9260, 28.8674



47.8152, 77.5374, 21.3988



47.7889, 77.1484, 38.3602



18.2838, 20.4322, 19.1245



20.3940, 38.2515, 6.3084



2.0903, 3.7784, 0.6191

Inverse Universe

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



51.6229, 33.6291, 98.3780



46.4767, 26.8979, 97.3500



61.2364, 39.0685, 76.9871



18.2310, 18.0108, 22.7655



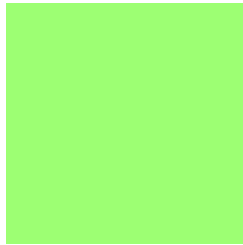
19.2437, 8.8310, 50.1249



1.9841, 0.9168, 4.8857

Previews

White Background



This preview shows how the XYZ color 52.7591, 79.9259, 28.8662 looks on a white background.

Color Contrast Check

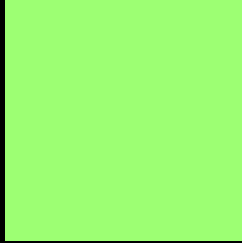
Large Text (above 18pt) WCAG AA × Fail

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 52.7591, 79.9259, 28.8662 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

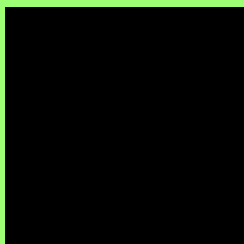
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

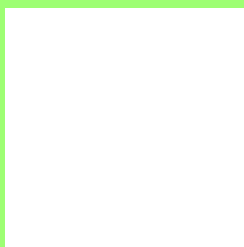
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.7591, 79.9259, 28.8662

Background



This preview shows how black text looks on a background with the XYZ color 52.7591, 79.9259, 28.8662.



This preview shows how white text looks on a background with the XYZ color 52.7591, 79.9259,

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

52.7591, 79.9259, 28.8662

Protanopia

72.1907, 78.9152, 25.3372

Deuteranopia

77.4595, 78.8281, 59.8480



Tritanopia

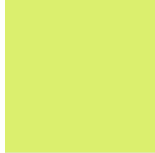
69.6108, 79.1879, 106.2237

Trichromacy



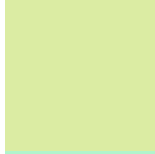
Original Color

52.7591, 79.9259, 28.8662



Protanomaly

62.8944, 77.9189, 26.4768



Deuteranomaly

65.8197, 77.6953, 46.1780



Tritanomaly

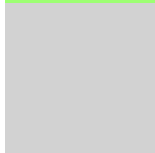
61.3812, 78.4081, 69.0259

Monochromacy



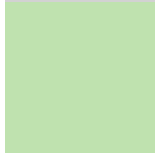
Original Color

52.7591, 79.9259, 28.8662



Achromatopsia

61.2578, 64.4480, 70.1838



Achromatomaly

56.4201, 68.5642, 50.8180

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.7591, 79.9259, 28.8662 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(157, 255, 115)` looks like.

```
.text, #text, p{  
    color:rgb(157, 255, 115)  
}
```

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(157, 255, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 255, 115) }
```

Border

The CSS property to change the border of an element to XYZ 52.7591, 79.9259, 28.8662 is called "border". The border property can be set on classes, ids or directly on the HTML element.

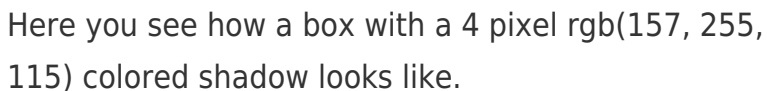
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 255, 115) }
```


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

```
.border{ border-color:rgb(157, 255, 115) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 255, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 255, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 255, 115);  
box-shadow:4px 4px 4px 4px rgb(157, 255,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 52.7591, 79.9259, 28.8662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 255, 115) }
```

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

```
.background{ background-color: rgb(157,  
255, 115) }
```

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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