

Converting Colors

XYZ(52.3115, 79.1479, 53.5675)

Have a look what the booklet for
XYZ(52.3115, 79.1479, 53.5675)
contains.

XYZ(52.3489, 79.1666, 53.5959)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(52.3489, 79.1666,
53.5959)**

Conversions

Conversions Part 1

Format	Color
Hex	7FFF80
RGB	127, 255, 176
RGB Percent	50%, 100%, 69%
CMY	0.5020, 0.0000, 0.3098
CMYK	0.50, 0.00, 0.31, 0.00
HSL	143°, 100%, 75%
HSV	143°, 50%, 100%
XYZ	52.3489, 79.1666, 53.5959
YIQ	207.7220, -50.9290, -51.7050

Conversions

Conversions Part 2

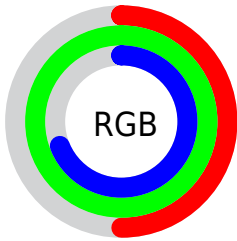
Format	Color
RYB	127, 220, 255
Decimal	8388528
CIELab	91.31, -52.69, 27.10
CIELCh	91, 59.252, 152.780
Yxy	79.1666, 0.2828, 0.4277
Android (android.graphics.Color)	4286578608 (0xFF7FFFB0)
YUV	207.7220, -15.6389, -70.7932
Hunter-Lab	88.9756, -50.6867, 26.5686

Details

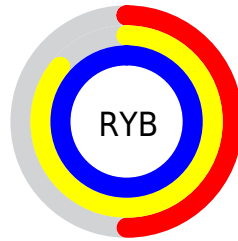
The XYZ color **52.3489, 79.1666, 53.5959** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **59.9703, 40.8957, 63.1255**, and the grayscale version is **59.8958, 63.0151, 68.6234**.

A 20% lighter version of the original color is **70.5752, 87.7853, 89.5685**, and **25.7214, 42.4864, 25.5839** is the 20% darker color. If you saturate the color by 10%, you get **47.5516, 76.8631, 45.7089**, and if you desaturate by 10%, it is **58.2889, 82.0383, 62.4814**.

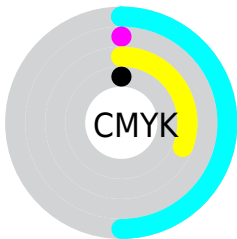
Distribution



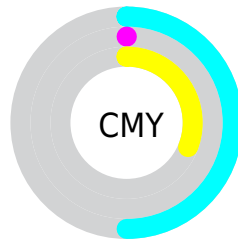
- Red (50%)
- Green (100%)
- Blue (69%)



- Red (50%)
- Yellow (86%)
- Blue (100%)



- Cyan (50%)
- Magenta (0%)
- Yellow (31%)
- Black (0%)





- Cyan (50%)
- Magenta (0%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.3489, 79.1666, 53.5959 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 52.3489, 79.1666, 53.5959 by changing the saturation by 10% instead.

 52.3489, 79.1666,
53.5959


 52.3489, 79.1666,
53.5959


386.0840,
492.1198, 417.6981


 37.5086, 59.0328,
37.8877


 92.8168, 132.1934,
96.9311

 25.7770, 42.6395,
25.5944


 119.1751,
165.8551, 125.3951

 16.7887, 29.6024,
16.2974


 150.1035,
204.7950, 158.9482

 10.1783, 19.5370,
9.5782

185.9673,
249.3974, 198.0089

 5.5805, 12.0589,
5.0183

227.1319,
300.0466, 242.9957

 2.6300, 6.7838,
2.1991

273.9627,

 0.9612, 3.3273,

357.1272, 294.3271

0.6738

326.8249,
421.0234, 352.4218

■ 0.0000, 1.3049,
0.0000

■ 0.0000, 0.1450,
0.0000

■ 52.3489, 79.1666,
53.5959

■ 52.3489, 79.1666,
53.5959

■ 47.5516, 76.8631,
45.7089

■ 58.2889, 82.0383,
62.4814

■ 43.8151, 75.0864,
38.7807

■ 65.4418, 85.5137,
72.3954

■ 41.0487, 73.7903,
32.7746

■ 73.8743, 89.6266,
83.3715

■ 39.1444, 72.9201,
27.6494

■ 83.6473, 94.4078,
95.4403

■ 37.9466, 72.3947,
23.4347

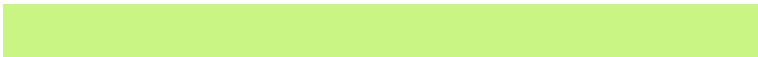
94.8179, 99.8860,
108.6314

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.



60.6502, 79.1666, 33.6357



52.3489, 79.1666, 53.5959



49.9004, 79.1666, 90.2779

Triad

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



52.3489, 79.1666, 53.5959



76.6566, 79.1666, 198.1988



102.2702, 79.1666, 48.6864

Complementary

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



52.3489, 79.1666, 53.5959



59.9703, 40.8957, 63.1255

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.



107.9817, 79.1666, 82.2448



52.3489, 79.1666, 53.5959



92.0124, 79.1666, 176.2579

Square

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



52.3489, 79.1666, 53.5959



62.7783, 79.1666, 182.8076



104.0006, 79.1666, 129.9003



89.2627, 79.1666, 31.5363

Rectangle

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



52.3489, 79.1666, 53.5959



51.6089, 79.1666, 122.4049



104.0006, 79.1666, 129.9003



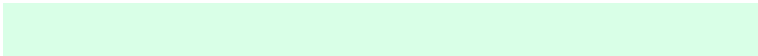
105.1800, 79.1666, 57.9452

Sweetspot

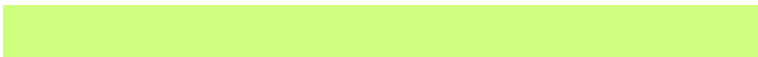
The Sweet Spot groups the original color and five complimentary colors.



52.3495, 79.1669, 53.5972



78.7804, 92.0252, 89.5030



65.6224, 86.4721, 33.3117



16.4267, 19.4841, 18.6171



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.



52.3495, 79.1669, 53.5972



47.6348, 76.9029, 45.8535



59.9357, 82.2014, 93.5454



18.0593, 20.2833, 20.6153



19.8951, 37.8546, 12.5987



1.9884, 3.7063, 1.4970

Inverse Universe

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



59.9703, 40.8957, 63.1255



56.0041, 34.7678, 56.2399



53.8690, 38.4552, 30.9966



18.4807, 18.1756, 21.1483



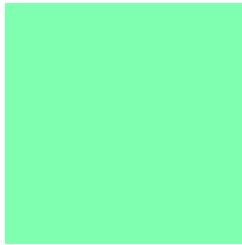
24.8209, 12.4177, 18.2394



2.4701, 1.2304, 2.0569

Previews

White Background



This preview shows how the XYZ color 52.3489, 79.1666, 53.5959 looks on a white background.

Color Contrast Check

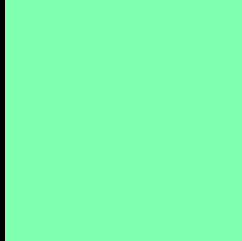
Large Text (above 18pt) WCAG AA × Fail

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 52.3489, 79.1666, 53.5959 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 52.3489, 79.1666, 53.5959

Background



This preview shows how black text looks on a background with the XYZ color 52.3489, 79.1666, 53.5959.

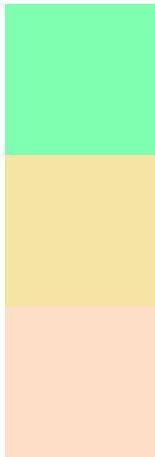


This preview shows how white text looks on a background with the XYZ color 52.3489, 79.1666,

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

52.3489, 79.1666, 53.5959

Protanopia

72.4503, 77.7600, 46.3126

Deuteranopia

77.6701, 77.6261, 64.9225



Tritanopia

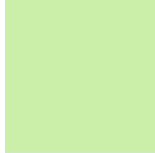
66.6656, 78.5388, 106.2536

Trichromacy



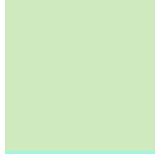
Original Color

52.3489, 79.1666, 53.5959



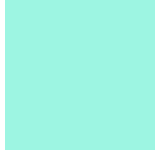
Protanomaly

62.2710, 76.6727, 48.5631



Deuteranomaly

64.8392, 76.0171, 60.5456



Tritanomaly

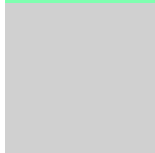
60.2845, 77.9639, 83.8227

Monochromacy



Original Color

52.3489, 79.1666, 53.5959



Achromatopsia

59.9535, 63.0757, 68.6895



Achromatomaly

55.4794, 67.4197, 62.3138

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.3489, 79.1666, 53.5959 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(127, 255, 176)` looks like.

```
.text, #text, p{  
    color:rgb(127, 255, 176)  
}
```

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(127, 255, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 255, 176) }
```

Border

The CSS property to change the border of an element to XYZ 52.3489, 79.1666, 53.5959 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(127, 255, 176) }
```


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

```
.border{ border-color:rgb(127, 255, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 255, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 255, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 255, 176);  
box-shadow:4px 4px 4px 4px rgb(127, 255,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 52.3489, 79.1666, 53.5959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 255, 176) }
```

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

```
.background{ background-color: rgb(127,  
255, 176) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor