

Converting Colors

XYZ(52.2760, 79.4350, 39.7714)

Have a look what the booklet for
XYZ(52.2760, 79.4350, 39.7714)
contains.

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Color

**XYZ(52.2760, 79.4350,
39.7714)**

Conversions

Conversions Part 1

Format	Color
Hex	8FFF92
RGB	143, 255, 146
RGB Percent	56%, 100%, 57%
CMY	0.4392, 0.0000, 0.4274
CMYK	0.44, 0.00, 0.43, 0.00
HSL	122°, 100%, 78%
HSV	122°, 44%, 100%
XYZ	52.2760, 79.4350, 39.7714
YIQ	209.0860, -31.7630, -57.6430

Conversions

Conversions Part 2

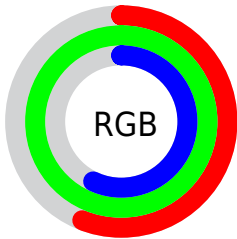
Format	Color
RYB	143, 252, 255
Decimal	9437074
CIELab	91.43, -53.40, 42.26
CIELCh	91, 68.100, 141.644
Yxy	79.4350, 0.3048, 0.4632
Android (android.graphics.Color)	4287627154 (0xFF8FFF92)
YUV	209.0860, -31.1014, -57.9574
Hunter-Lab	89.1263, -51.2740, 35.9311

Details

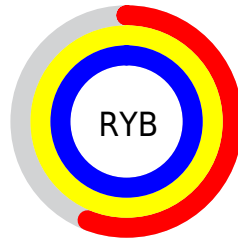
The XYZ color **52.2760, 79.4350, 39.7714** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **68.6329, 47.9333, 97.7284**, and the grayscale version is **60.8717, 64.0418, 69.7415**.

A 20% lighter version of the original color is **70.3900, 88.1546, 68.5639**, and **25.5982, 42.6076, 17.2309** is the 20% darker color. If you saturate the color by 10%, you get **46.6263, 76.7218, 30.5005**, and if you desaturate by 10%, it is **59.3488, 82.8333, 51.2984**.

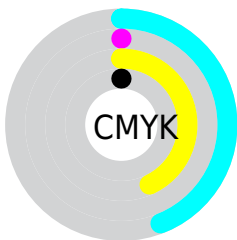
Distribution



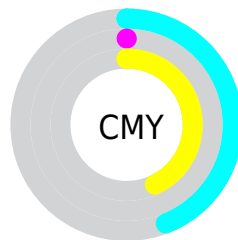
- Red (56%)
- Green (100%)
- Blue (57%)



- Red (56%)
- Yellow (99%)
- Blue (100%)



- Cyan (44%)
- Magenta (0%)
- Yellow (43%)
- Black (0%)





- Cyan (44%)
- Magenta (0%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.2760, 79.4350, 39.7714 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 52.2760, 79.4350, 39.7714 by changing the saturation by 10% instead.


 52.2760, 79.4350,
39.7714

 52.2760, 79.4350,
39.7714


385.8077,
493.0267, 360.6825

 37.4503, 59.2535,
27.0479


 92.7100, 132.5711,
76.0486

 25.7316, 42.8172,
17.3765


 119.0489,
166.2945, 100.4393

 16.7546, 29.7417,
10.3385


149.9563,
205.3006, 129.5563

 10.1539, 19.6426,
5.5154

185.7976,
249.9740, 163.8179

 5.5642, 12.1356,
2.4888

226.9380,
300.6988, 203.6428

 2.6200, 6.8361,
0.8342

273.7429,

 0.9562, 3.3598,

357.8596, 249.4495

0.0000

326.5777,
421.8408, 301.6566

0.0000, 1.3223,
0.0000

0.0000, 0.1584,
0.0000

52.2760, 79.4350,
39.7714

52.2760, 79.4350,
39.7714

46.6263, 76.7218,
30.5005

59.3488, 82.8333,
51.2984

42.3021, 74.6467,
23.3346

67.9308, 86.9584,
65.2119

39.1959, 73.1578,
18.1099

78.1026, 91.8492,
81.6370

37.1823, 72.1946,
14.6369

89.9390, 97.5416,
100.6887

■ 36.1093, 71.6834, 95.0500, 100.0000,
12.6882 108.9000

■ 35.7974, 71.5350,
12.1172

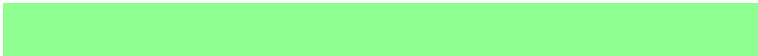
Harmonies

Analogous

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



63.8686, 79.4350, 24.6698



52.2760, 79.4350, 39.7714



47.1065, 79.4350, 73.3555

Triad

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



52.2760, 79.4350, 39.7714



70.7627, 79.4350, 219.3742



110.8876, 79.4350, 55.8601

Complementary

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



52.2760, 79.4350, 39.7714



68.6329, 47.9333, 97.7284

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.



113.4854, 79.4350, 101.1082



52.2760, 79.4350, 39.7714



88.4654, 79.4350, 208.9182

Square

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



52.2760, 79.4350, 39.7714



56.6591, 79.4350, 184.9415



104.7500, 79.4350, 160.2235



98.1149, 79.4350, 31.1776

Rectangle

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



52.2760, 79.4350, 39.7714



47.3493, 79.4350, 107.2102



104.7500, 79.4350, 160.2235



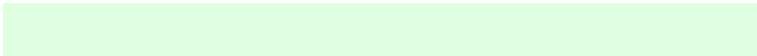
113.0504, 79.4350, 68.6299

Sweetspot

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



52.2764, 79.4351, 39.7726



79.1223, 92.3395, 83.2805



81.2746, 94.4109, 39.9264



16.4176, 19.5154, 16.9906



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

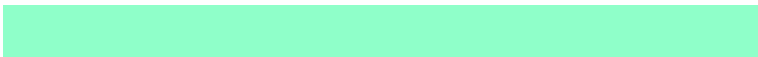
The Same Dimension uses a secret algorithm to generate beautiful new colors.



52.2764, 79.4351, 39.7726



47.0898, 76.9443, 31.2643



57.6148, 81.5705, 67.8845



17.7913, 20.1761, 19.2040



18.7135, 37.3820, 6.3764



1.8287, 3.6424, 0.6557

Inverse Universe

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



68.6329, 47.9333, 97.7284



65.4106, 41.6457, 96.1698



61.1560, 44.9425, 58.3552



18.7704, 18.2915, 22.6741



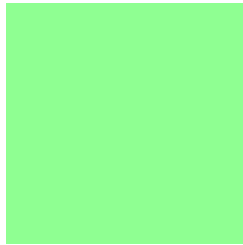
30.4249, 14.6592, 47.7492



2.9688, 1.4299, 4.6829

Previews

White Background



This preview shows how the XYZ color 52.2760, 79.4350, 39.7714 looks on a white background.

Color Contrast Check

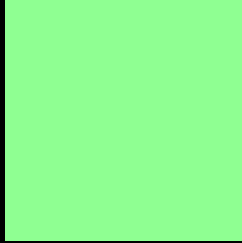
Large Text (above 18pt) WCAG AA × Fail

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 52.2760, 79.4350, 39.7714 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 52.2760, 79.4350, 39.7714

Background



This preview shows how black text looks on a background with the XYZ color 52.2760, 79.4350, 39.7714.

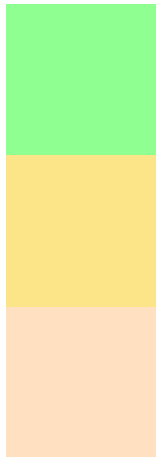


This preview shows how white text looks on a background with the XYZ color 52.2760, 79.4350,

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

52.2760, 79.4350, 39.7714

Protanopia

72.2469, 78.3254, 34.6031

Deuteranopia

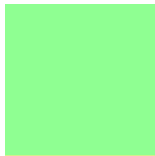
77.4101, 78.3771, 60.9175



Tritanopia

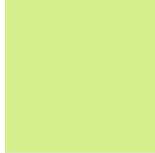
67.9726, 78.7768, 106.2306

Trichromacy



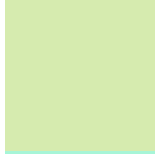
Original Color

52.2760, 79.4350, 39.7714



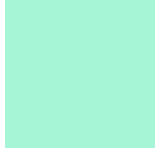
Protanomaly

62.4595, 77.0396, 36.3891



Deuteranomaly

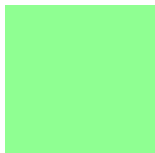
65.1778, 76.8079, 51.9476



Tritanomaly

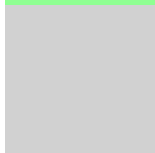
60.8545, 78.4266, 76.2205

Monochromacy



Original Color

52.2760, 79.4350, 39.7714



Achromatopsia

60.6036, 63.7597, 69.4343



Achromatomaly

56.0669, 68.2522, 56.6733

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.2760, 79.4350, 39.7714 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(143, 255, 146)` looks like.

```
.text, #text, p{  
    color:rgb(143, 255, 146)  
}
```

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(143, 255, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 255, 146) }
```

Border

The CSS property to change the border of an element to XYZ 52.2760, 79.4350, 39.7714 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(143, 255, 146) }
```


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

```
.border{ border-color:rgb(143, 255, 146) }
```

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

Here you see how a box with a 4 pixel rgb(143, 255, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 255, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 255, 146);  
box-shadow:4px 4px 4px 4px rgb(143, 255,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 52.2760, 79.4350, 39.7714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 255, 146) }
```

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

```
.background{ background-color: rgb(143,  
255, 146) }
```

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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