

Converting Colors

XYZ(53.0360, 81.0837, 40.1024)

Have a look what the booklet for
XYZ(53.0360, 81.0837, 40.1024)
contains.

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Color

**XYZ(52.1036, 79.3461,
39.7633)**

Conversions

Conversions Part 1

Format	Color
Hex	8EFF92
RGB	142, 255, 146
RGB Percent	56%, 100%, 57%
CMY	0.4431, 0.0000, 0.4274
CMYK	0.44, 0.00, 0.43, 0.00
HSL	122°, 100%, 78%
HSV	122°, 44%, 100%
XYZ	52.1036, 79.3461, 39.7633
YIQ	208.7870, -32.3590, -57.8550

Conversions

Conversions Part 2

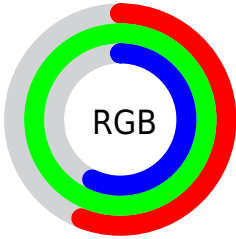
Format	Color
RYB	142, 251, 255
Decimal	9371538
CIELab	91.39, -53.68, 42.20
CIELCh	91, 68.282, 141.828
Yxy	79.3461, 0.3043, 0.4634
Android (android.graphics.Color)	4287561618 (0xFF8EFF92)
YUV	208.7870, -30.9540, -58.5722
Hunter-Lab	89.0764, -51.4735, 35.8867

Details

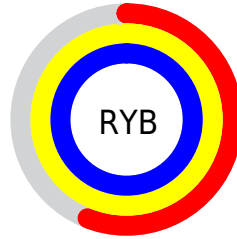
The XYZ color **52.1036, 79.3461, 39.7633** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **68.3254, 47.5711, 96.8460**, and the grayscale version is **60.6757, 63.8356, 69.5169**.

A 20% lighter version of the original color is **70.3900, 88.1546, 68.5639**, and **25.5093, 42.5618, 17.2267** is the 20% darker color. If you saturate the color by 10%, you get **46.5054, 76.6579, 30.5654**, and if you desaturate by 10%, it is **59.1150, 82.7152, 51.1783**.

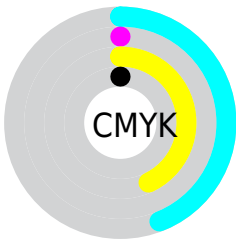
Distribution



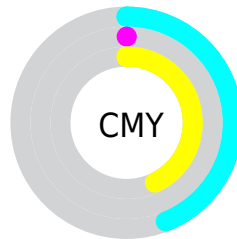
- Red (56%)
- Green (100%)
- Blue (57%)



- Red (56%)
- Yellow (98%)
- 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 52.1036, 79.3461, 39.7633 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 52.1036, 79.3461, 39.7633 by changing the saturation by 10% instead.


 52.1036, 79.3461,
39.7633


 52.1036, 79.3461,
39.7633


385.1538,
492.7264, 360.6473

 37.3123, 59.1804,
27.0417


 92.4573, 132.4460,
76.0361

 25.6241, 42.7584,
17.3718


 118.7504,
166.1490, 100.4243

 16.6739, 29.6956,
10.3352


149.6082,
205.1332, 129.5385

 10.0961, 19.6076,
5.5132

185.3959,
249.7830, 163.7971

 5.5255, 12.1102,
2.4875

226.4790,
300.4829, 203.6188

 2.5966, 6.8187,
0.8335

273.2228,

 0.9442, 3.3490,

357.6171, 249.4220

0.0000

325.9926,
421.5702, 301.6253

0.0000, 1.3165,
0.0000

0.0000, 0.1540,
0.0000

52.1036, 79.3461,
39.7633

52.1036, 79.3461,
39.7633

46.5054, 76.6579,
30.5654

59.1150, 82.7152,
51.1783

42.2232, 74.6037,
23.4373

67.6251, 86.8066,
64.9376

39.1499, 73.1316,
18.2197

77.7144, 91.6591,
81.1629

37.1607, 72.1814,
14.7287

89.4570, 97.3086,
99.9666

■ 36.1038, 71.6794, 95.0500, 100.0000,
12.7442 108.9000

■ 35.8095, 71.5398,
12.1806

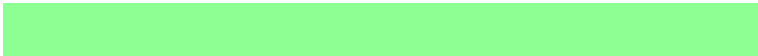
Harmonies

Analogous

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



63.6749, 79.3461, 24.5748



52.1036, 79.3461, 39.7633



46.9695, 79.3461, 73.5080

Triad

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



52.1036, 79.3461, 39.7633



70.7710, 79.3461, 219.7442



110.8337, 79.3461, 55.5054

Complementary

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



52.1036, 79.3461, 39.7633



68.3254, 47.5711, 96.8460

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.



113.5100, 79.3461, 100.7052



52.1036, 79.3461, 39.7633



88.5186, 79.3461, 208.9647

Square

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



52.1036, 79.3461, 39.7633



56.6133, 79.3461, 185.4276



104.8140, 79.3461, 159.9520



97.9797, 79.3461, 30.9319

Rectangle

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



52.1036, 79.3461, 39.7633



47.2397, 79.3461, 107.5048



104.8140, 79.3461, 159.9520



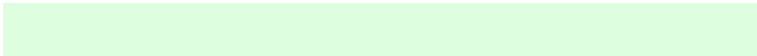
113.0250, 79.3461, 68.2460

Sweetspot

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



52.1040, 79.3463, 39.7645



79.1608, 92.3549, 83.4831



80.5103, 94.0256, 39.4969



16.4269, 19.5192, 17.0397



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

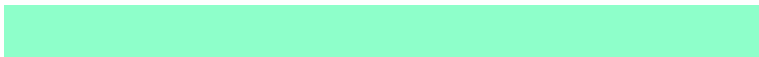
The Same Dimension uses a secret algorithm to generate beautiful new colors.



52.1040, 79.3463, 39.7645



47.1634, 76.9738, 31.6522



57.6078, 81.5478, 68.7471



17.7976, 20.1786, 19.2374



18.7225, 37.3856, 6.4239



1.8317, 3.6436, 0.6716

Inverse Universe

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



68.3254, 47.5711, 96.8460



65.2272, 41.5724, 95.2044



60.7334, 44.5343, 56.8671



18.7632, 18.2886, 22.6363



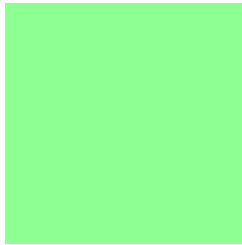
30.2506, 14.5895, 46.8313



2.9538, 1.4239, 4.6039

Previews

White Background



This preview shows how the XYZ color 52.1036, 79.3461, 39.7633 looks on a white background.

Color Contrast Check

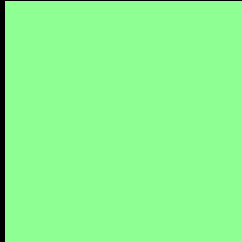
Large Text (above 18pt) WCAG AA × Fail

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 52.1036, 79.3461, 39.7633 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

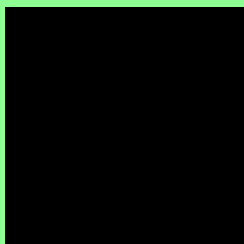
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

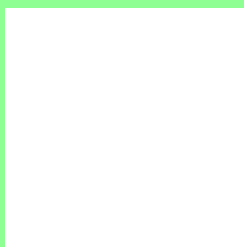
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.1036, 79.3461, 39.7633

Background



This preview shows how black text looks on a background with the XYZ color 52.1036, 79.3461, 39.7633.



This preview shows how white text looks on a background with the XYZ color 52.1036, 79.3461,

39.7633.

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

52.1036, 79.3461, 39.7633

Protanopia

71.8876, 78.1402, 34.5862

Deuteranopia

77.1421, 77.8411, 60.8282



Tritanopia

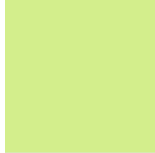
67.9726, 78.7768, 106.2306

Trichromacy



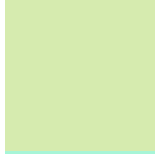
Original Color

52.1036, 79.3461, 39.7633



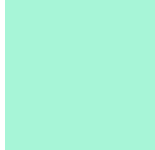
Protanomaly

62.1721, 76.8914, 36.3756



Deuteranomaly

65.1778, 76.8079, 51.9476



Tritanomaly

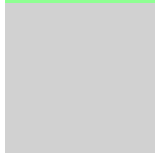
60.8545, 78.4266, 76.2205

Monochromacy



Original Color

52.1036, 79.3461, 39.7633



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 52.1036, 79.3461, 39.7633 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(142, 255, 146)` looks like.

```
.text, #text, p{  
    color:rgb(142, 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(142, 255, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 255, 146) }
```

Border

The CSS property to change the border of an element to XYZ 52.1036, 79.3461, 39.7633 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(142, 255, 146) }
```


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

```
.border{ border-color:rgb(142, 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(142, 255, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 255, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 255, 146);  
box-shadow:4px 4px 4px 4px rgb(142, 255,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 52.1036, 79.3461, 39.7633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 255, 146) }
```

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

```
.background{ background-color: rgb(142,  
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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