

Converting Colors

XYZ(51.2741, 78.7181, 48.9126)

Have a look what the booklet for
XYZ(51.2741, 78.7181, 48.9126)
contains.

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Color

**XYZ(51.3392, 78.7456,
49.0528)**

Conversions

Conversions Part 1	
Format	Color
Hex	7EFFA7
RGB	126, 255, 167
RGB Percent	49%, 100%, 65%
CMY	0.5059, 0.0000, 0.3451
CMYK	0.51, 0.00, 0.35, 0.00
HSL	139°, 100%, 75%
HSV	139°, 51%, 100%
XYZ	51.3392, 78.7456, 49.0528
YIQ	206.3970, -48.6360, -54.7160

Conversions

Conversions Part 2

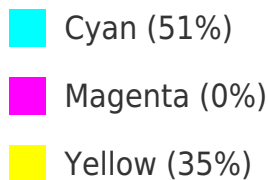
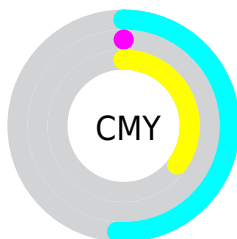
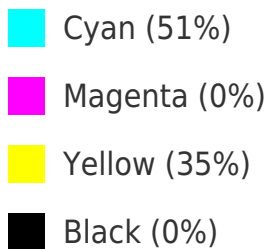
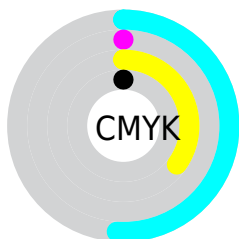
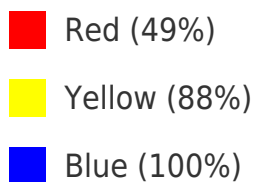
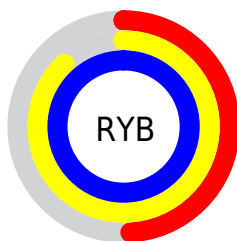
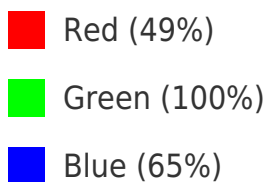
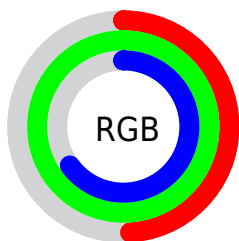
Format	Color
RYB	126, 224, 255
Decimal	8322983
CIELab	91.12, -54.52, 31.37
CIELCh	91, 62.901, 150.086
Yxy	78.7456, 0.2866, 0.4396
Android (android.graphics.Color)	4286513063 (0xFF7EFFA7)
YUV	206.3970, -19.4227, -70.5082
Hunter-Lab	88.7387, -52.0228, 29.3429

Details

The XYZ color **51.3392, 78.7456, 49.0528** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **60.8386, 41.0372, 68.3322**, and the grayscale version is **59.0636, 62.1395, 67.6699**.

A 20% lighter version of the original color is **69.0869, 87.1620, 82.9947**, and **25.0534, 42.2042, 22.7454** is the 20% darker color. If you saturate the color by 10%, you get **46.5447, 76.4474, 40.9914**, and if you desaturate by 10%, it is **57.3093, 81.6248, 58.3009**.


Distribution




Brightness & Saturation Gradients


These gradients show how the XYZ color 51.3392, 78.7456, 49.0528 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 51.3392, 78.7456, 49.0528 by changing the saturation by 10% instead.

 51.3392, 78.7456,
49.0528


 51.3392, 78.7456,
49.0528


382.2462,
490.6953, 399.5786


 36.7008, 58.6867,
34.2955


 91.3360, 131.6007,
90.1517

 25.1485, 42.3609,
22.8415


 117.4250,
165.1656, 117.3303

 16.3171, 29.3840,
14.2723


 148.0617,
204.0013, 149.4864

 9.8411, 19.3715,
8.1694

183.6113,
248.4921, 187.0386

 5.3552, 11.9390,
4.1142

224.4392,
299.0226, 230.4054

 2.4940, 6.7022,
1.6882


270.9107,


 0.8922, 3.2766,


355.9770, 280.0052


0.3526


323.3913,
419.7398, 336.2568


 0.0000, 1.2778,
0.0000


 0.0000, 0.1239,
0.0000


 51.3392, 78.7456,
49.0528


 51.3392, 78.7456,
49.0528


 46.5447, 76.4474,
40.9914

 57.3093, 81.6248,
58.3009


 42.8412, 74.6877,
34.0643


 64.5280, 85.1218,
68.7777

 40.1350, 73.4191,
28.2206

 73.0641, 89.2711,
80.5277

 38.3142, 72.5852,
23.4038

 82.9807, 94.1044,
93.5921

	37.2471, 72.1148,	94.3368, 99.6513,
19.7507		108.0100
		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.



60.5345, 78.7456, 30.0830



51.3392, 78.7456, 49.0528



48.2344, 78.7456, 85.8725

Triad

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



51.3392, 78.7456, 49.0528



74.8914, 78.7456, 206.5678



104.5555, 78.7456, 48.8956

Complementary

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



51.3392, 78.7456, 49.0528



60.8386, 41.0372, 68.3322

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.



109.7905, 78.7456, 85.6088



51.3392, 78.7456, 49.0528



91.2507, 78.7456, 186.0744

Square

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



51.3392, 78.7456, 49.0528



60.6037, 78.7456, 186.2955



104.6130, 78.7456, 137.2687



91.1597, 78.7456, 30.0175

Rectangle

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



51.3392, 78.7456, 49.0528



49.6359, 78.7456, 119.4831



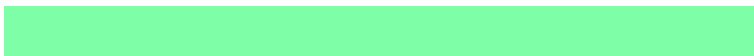
104.6130, 78.7456, 137.2687



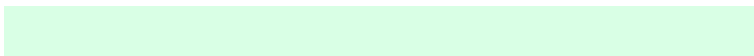
107.4061, 78.7456, 59.0362

Sweetspot

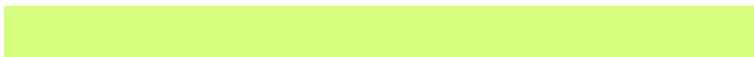
The Sweet Spot groups the original color and five complimentary colors.



51.3398, 78.7459, 49.0541



78.4309, 91.8854, 87.6629



67.3015, 87.3452, 33.0514



16.3431, 19.4507, 18.1768



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.



51.3398, 78.7459, 49.0541



46.3709, 76.3645, 40.6836



58.8378, 81.7451, 88.5383



18.0094, 20.2633, 20.3526



19.5219, 37.7054, 10.6338



1.9479, 3.6901, 1.2837

Inverse Universe

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



60.8386, 41.0372, 68.3322



56.8318, 34.7041, 61.8158



54.1781, 38.3730, 33.2585



18.5326, 18.1963, 21.4216



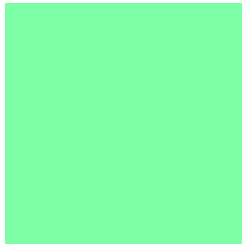
25.6092, 12.7330, 22.3904



2.5432, 1.2596, 2.4418

Previews

White Background



This preview shows how the XYZ color 51.3392, 78.7456, 49.0528 looks on a white background.

Color Contrast Check

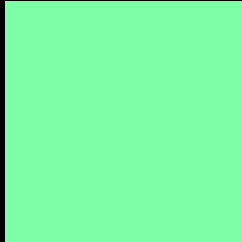
Large Text (above 18pt) WCAG AA × Fail

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 51.3392, 78.7456, 49.0528 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 51.3392, 78.7456, 49.0528

Background



This preview shows how black text looks on a background with the XYZ color 51.3392, 78.7456, 49.0528.

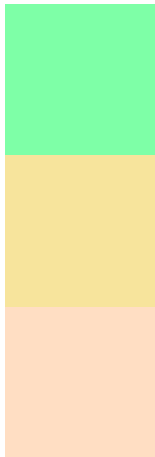


This preview shows how white text looks on a background with the XYZ color 51.3392, 78.7456,

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

51.3392, 78.7456, 49.0528

Protanopia

72.1019, 77.6613, 42.6424

Deuteranopia

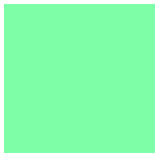
77.2116, 77.4427, 62.5082



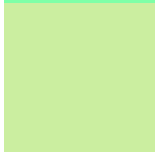
Tritanopia

66.4437, 78.4244, 106.2432

Trichromacy



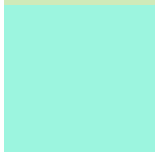
Original Color
51.3392, 78.7456, 49.0528



Protanomaly
61.5483, 76.3836, 44.7573

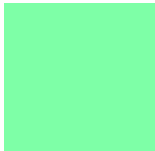


Deuteranomaly
64.1922, 75.7583, 57.1385



Tritanomaly
59.6820, 77.7004, 81.6642

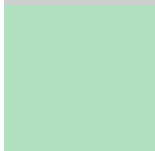
Monochromacy



Original Color
51.3392, 78.7456, 49.0528



Achromatopsia
58.6655, 61.7207, 67.2138



Achromatomaly
54.3015, 66.4642, 59.8360

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.3392, 78.7456, 49.0528 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(126, 255, 167)` looks like.

```
.text, #text, p{  
    color:rgb(126, 255, 167)  
}
```

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(126, 255, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 255, 167) }
```

Border

The CSS property to change the border of an element to XYZ 51.3392, 78.7456, 49.0528 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(126, 255, 167) }
```


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

```
.border{ border-color:rgb(126, 255, 167) }
```

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

Here you see how a box with a 4 pixel rgb(126, 255, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 255, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 255, 167);  
box-shadow:4px 4px 4px 4px rgb(126, 255,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 51.3392, 78.7456, 49.0528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 255, 167) }
```

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

```
.background{ background-color: rgb(126,  
255, 167) }
```

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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