

Converting Colors

XYZ(55.9946, 92.9324, 34.8500)

Have a look what the booklet for
XYZ(55.9946, 92.9324, 34.8500)
contains.

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Color

**XYZ(48.2783, 77.5384,
32.1605)**

Conversions

Conversions Part 1

Format	Color
Hex	7FFF7E
RGB	127, 255, 126
RGB Percent	50%, 100%, 49%
CMY	0.5020, 0.0000, 0.5059
CMYK	0.50, 0.00, 0.51, 0.00
HSL	120°, 100%, 75%
HSV	120°, 51%, 100%
XYZ	48.2783, 77.5384, 32.1605
YIQ	202.0220, -34.8790, -67.2550

Conversions

Conversions Part 2

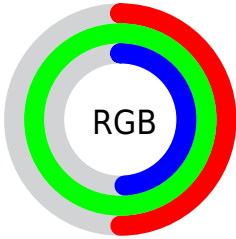
Format	Color
RYB	126, 255, 254
Decimal	8388478
CIELab	90.57, -60.41, 50.55
CIElCh	91, 78.765, 140.080
Yxy	77.5384, 0.3056, 0.4908
Android (android.graphics.Color)	4286578558 (0xFF7FFF7E)
YUV	202.0220, -37.4788, -65.7943
Hunter-Lab	88.0559, -56.2318, 39.9847

Details

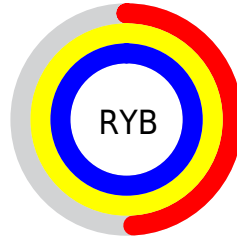
The XYZ color **48.2783, 77.5384, 32.1605** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **66.3853, 43.2139, 99.4500**, and the grayscale version is **56.3948, 59.3317, 64.6122**.

A 20% lighter version of the original color is **64.5940, 85.4210, 56.7995**, and **23.2187, 41.4703, 13.0841** is the 20% darker color. If you saturate the color by 10%, you get **43.5300, 75.2571, 24.4165**, and if you desaturate by 10%, it is **54.3927, 80.4755, 42.1595**.

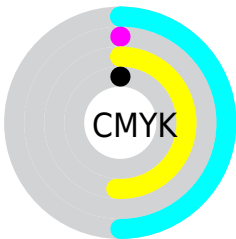
Distribution



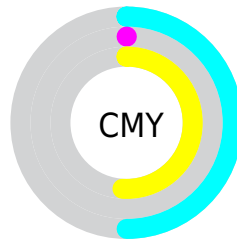
- Red (50%)
- Green (100%)
- Blue (49%)



- Red (49%)
- Yellow (100%)
- Blue (100%)



- Cyan (50%)
- Magenta (0%)
- Yellow (51%)
- Black (0%)





- Cyan (50%)
- Magenta (0%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.2783, 77.5384, 32.1605 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 48.2783, 77.5384, 32.1605 by changing the saturation by 10% instead.


 48.2783, 77.5384,
32.1605


 48.2783, 77.5384,
32.1605


370.4584,
486.5978, 326.3650


 34.2595, 57.6949,
21.2183


 86.8258, 129.8992,
64.1634

 23.2569, 41.5634,
13.0909


 112.0852,
163.1853, 86.0613

 14.9050, 28.7596,
7.3597


 141.8222,
201.7210, 112.4480

 8.8386, 18.8990,
3.6062

176.4022,
245.8907, 143.7423

 4.6923, 11.5973,
1.4119

216.1904,
296.0788, 180.3626

 2.1008, 6.4701,
0.1510


261.5523,


 0.6896, 3.1330,


352.6698, 222.7274


0.0000

312.8532,
416.0480, 271.2554


 0.0000, 1.2016,
0.0000


 0.0000, 0.0630,
0.0000


 48.2783, 77.5384,
32.1605


 48.2783, 77.5384,
32.1605


 43.5300, 75.2571,
24.4165


 54.3927, 80.4755,
42.1595


 40.0421, 73.5808,
18.7493

 61.9661, 84.1130,
54.5662

 37.6950, 72.4522,
14.9597

 71.0843, 88.4919,
69.5243

 36.3456, 71.8028,
12.8081

 81.8263, 93.6503,
87.1649

■ 35.7847, 71.5327,
11.9212

94.2657, 99.6234,
107.6105

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.



61.4331, 77.5384, 17.9979



48.2783, 77.5384, 32.1605



42.3060, 77.5384, 67.0683

Triad

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



48.2783, 77.5384, 32.1605



67.3576, 77.5384, 242.8980



115.3473, 77.5384, 52.3664

Complementary

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



48.2783, 77.5384, 32.1605



66.3853, 43.2139, 99.4500

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.



117.7055, 77.5384, 104.5468



48.2783, 77.5384, 32.1605



87.4952, 77.5384, 232.9702

Square

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



48.2783, 77.5384, 32.1605



51.9482, 77.5384, 198.0740



106.7650, 77.5384, 175.0262



100.8018, 77.5384, 25.5322

Rectangle

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



48.2783, 77.5384, 32.1605



42.3186, 77.5384, 104.8901



106.7650, 77.5384, 175.0262



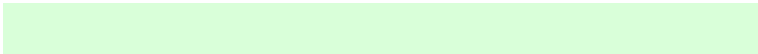
117.6805, 77.5384, 66.8136

Sweetspot

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



48.2786, 77.5385, 32.1617



76.8808, 91.2755, 79.0412



80.0841, 92.9224, 33.4548



15.9746, 19.3057, 16.1281



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

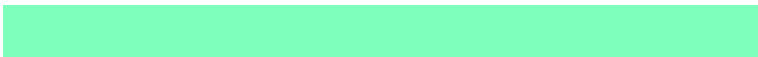
The Same Dimension uses a secret algorithm to generate beautiful new colors.



48.2786, 77.5385, 32.1617



43.3617, 75.1762, 24.1425



53.4798, 79.6019, 60.3220



17.7846, 20.1749, 19.1011



18.7039, 37.3803, 6.2293



1.8255, 3.6418, 0.6067

Inverse Universe

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



66.3853, 43.2139, 99.4500



63.3535, 37.2618, 98.4609



58.2881, 40.0173, 54.9006



18.7780, 18.2928, 22.7911



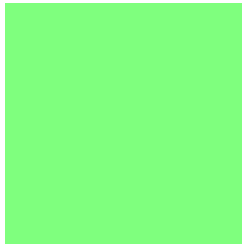
30.6096, 14.6903, 50.6568



2.9847, 1.4326, 4.9325

Previews

White Background



This preview shows how the XYZ color 48.2783, 77.5384, 32.1605 looks on a white background.

Color Contrast Check

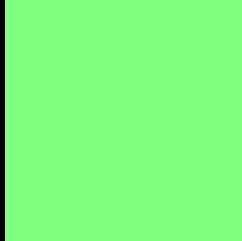
Large Text (above 18pt) WCAG AA × Fail

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 48.2783, 77.5384, 32.1605 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

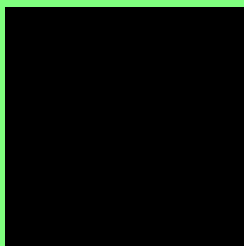
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.2783, 77.5384, 32.1605

Background



This preview shows how black text looks on a background with the XYZ color 48.2783, 77.5384, 32.1605.



This preview shows how white text looks on a background with the XYZ color 48.2783, 77.5384,

32.1605.

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

48.2783, 77.5384, 32.1605

Protanopia

70.0458, 76.5231, 27.6016

Deuteranopia

75.5399, 76.3503, 55.0117



Tritanopia

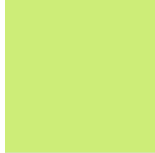
64.9867, 76.8041, 106.0072

Trichromacy



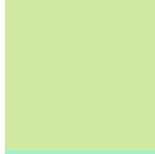
Original Color

48.2783, 77.5384, 32.1605



Protanomaly

58.8512, 74.9036, 29.1253



Deuteranomaly

61.6729, 74.2964, 45.2725



Tritanomaly

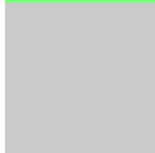
57.0623, 76.1255, 71.3607

Monochromacy



Original Color

48.2783, 77.5384, 32.1605



Achromatopsia

56.1383, 59.0619, 64.3184



Achromatomaly

51.1756, 63.8829, 49.6778

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.2783, 77.5384, 32.1605 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, 126)` looks like.

```
.text, #text, p{  
    color:rgb(127, 255, 126)  
}
```

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, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 255, 126) }
```

Border

The CSS property to change the border of an element to XYZ 48.2783, 77.5384, 32.1605 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, 126) }
```


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

```
.border{ border-color:rgb(127, 255, 126) }
```

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, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 255, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 255, 126);  
box-shadow:4px 4px 4px 4px rgb(127, 255,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 48.2783, 77.5384, 32.1605 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, 126) }
```

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

```
.background{ background-color: rgb(127,  
255, 126) }
```

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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