

Converting Colors

XYZ(47.0431, 70.4745, 35.9171)

Have a look what the booklet for
XYZ(47.0431, 70.4745, 35.9171)
contains.

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Color

**XYZ(47.0041, 70.3795,
35.9182)**

Conversions

Conversions Part 1

Format	Color
Hex	8CF18C
RGB	140, 241, 140
RGB Percent	55%, 95%, 55%
CMY	0.4510, 0.0549, 0.4510
CMYK	0.42, 0.00, 0.42, 0.05
HSL	120°, 78%, 75%
HSV	120°, 42%, 95%
XYZ	47.0041, 70.3795, 35.9182
YIQ	199.2870, -27.7750, -52.8230

Conversions

Conversions Part 2

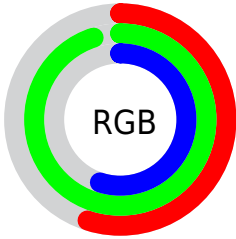
Format	Color
RYB	140, 241, 241
Decimal	9236876
CIELab	87.18, -49.35, 39.71
CIELCh	87, 63.345, 141.180
Yxy	70.3795, 0.3066, 0.4591
Android (android.graphics.Color)	4287426956 (0xFF8CF18C)
YUV	199.2870, -29.2285, -51.9947
Hunter-Lab	83.8925, -46.8001, 33.3400

Details

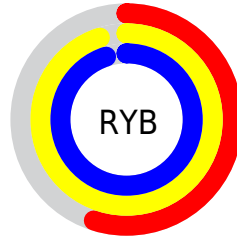
The XYZ color **47.0041, 70.3795, 35.9182** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **61.5330, 43.8090, 88.4339**, and the grayscale version is **54.6490, 57.4950, 62.6120**.

A 20% lighter version of the original color is **68.8990, 87.4659, 64.8810**, and **22.4692, 36.8246, 15.1561** is the 20% darker color. If you saturate the color by 10%, you get **41.7926, 67.8783, 27.3925**, and if you desaturate by 10%, it is **53.4976, 73.5007, 46.5381**.

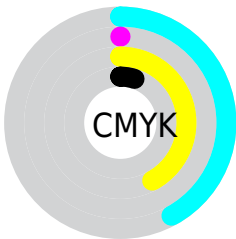
Distribution



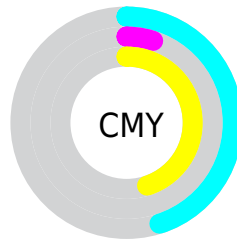
- Red (55%)
- Green (95%)
- Blue (55%)



- Red (55%)
- Yellow (95%)
- Blue (95%)



- Cyan (42%)
- Magenta (0%)
- Yellow (42%)
- Black (5%)



- Cyan (45%)
- Magenta (5%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.0041, 70.3795, 35.9182 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 47.0041, 70.3795, 35.9182 by changing the saturation by 10% instead.

47.0041, 70.3795,
35.9182

47.0041, 70.3795,
35.9182

365.4795,
461.8814, 343.6295

33.2469, 51.8360,
24.0818

84.9384, 119.7498,
70.0734

22.4758, 36.8744,
15.1816

109.8463,
151.3453, 93.2293

14.3255, 25.1102,
8.7989

139.2016,
188.0604, 120.9955

8.4306, 16.1592,
4.5152

173.3700,
230.2793, 153.7905

4.4258, 9.6369,
1.9120

212.7165,
278.3864, 192.0329

1.9457, 5.1589,
0.5004


257.6068,

0.6032, 2.3408,


332.7662, 236.1411


0.0000


308.4060,
393.8031, 286.5338


 0.0000, 0.7952,
0.0000


 0.0000, 0.0000,
0.0000


 47.0041, 70.3795,
35.9182


 47.0041, 70.3795,
35.9182


 41.7926, 67.8783,
27.3925


 53.4976, 73.5007,
46.5381


 37.7735, 65.9477,
20.8184

 61.3444, 77.2700,
59.3730

 34.8540, 64.5453,
16.0430

 70.6171, 81.7242,
74.5401

 32.9255, 63.6189,
12.8883

 81.3815, 86.8948,
92.1470

■ 31.8570, 63.1057,
11.1405

■ 90.7467, 91.3934,
107.4656

■ 31.4567, 62.9134,
10.4857

Harmonies

Analogous

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



57.0890, 70.3795, 22.8403



47.0041, 70.3795, 35.9182



42.4377, 70.3795, 64.7528

Triad

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



47.0041, 70.3795, 35.9182



62.6061, 70.3795, 189.3222



97.2417, 70.3795, 50.6975

Complementary

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



47.0041, 70.3795, 35.9182



61.5330, 43.8090, 88.4339

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.



99.3000, 70.3795, 89.8803



47.0041, 70.3795, 35.9182



77.7611, 70.3795, 181.1074

Square

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



47.0041, 70.3795, 35.9182



50.5281, 70.3795, 159.7383



91.7255, 70.3795, 140.2526



86.4587, 70.3795, 28.9109

Rectangle

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



47.0041, 70.3795, 35.9182



42.5889, 70.3795, 93.6241



91.7255, 70.3795, 140.2526



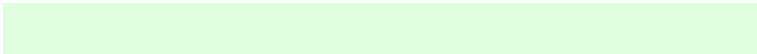
99.0342, 70.3795, 61.8301

Sweetspot

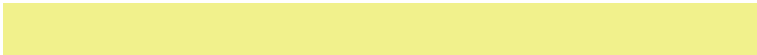
The Sweet Spot groups the original color and five complimentary colors.



47.0059, 70.3825, 35.9198



79.0031, 92.2918, 82.6526



72.4676, 83.5085, 37.1105



16.3887, 19.5039, 16.8385



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.



47.0059, 70.3825, 35.9198



48.4507, 77.6160, 32.6787



51.6213, 72.2287, 60.2246



15.5660, 17.6564, 16.7374



17.0575, 34.1150, 5.6860



1.4190, 2.8381, 0.4730

Inverse Universe

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



61.5330, 43.8090, 88.4339



66.9436, 43.7880, 99.5289



55.0047, 41.1977, 54.0566



16.4543, 16.0314, 19.9487



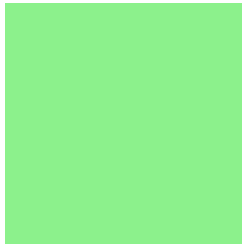
28.2809, 13.5848, 46.2571



2.3527, 1.1301, 3.8482

Previews

White Background



This preview shows how the XYZ color 47.0041, 70.3795, 35.9182 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 47.0041, 70.3795, 35.9182 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 47.0041, 70.3795, 35.9182

Background



This preview shows how black text looks on a background with the XYZ color 47.0041, 70.3795, 35.9182.



This preview shows how white text looks on a background with the XYZ color 47.0041, 70.3795,

35.9182.

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

47.0041, 70.3795, 35.9182

Protanopia

63.8346, 69.2689, 31.4785

Deuteranopia

70.2120, 69.3296, 42.0291



Tritanopia

59.2298, 69.7793, 98.3427

Trichromacy



Original Color

47.0041, 70.3795, 35.9182



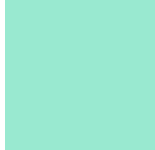
Protanomaly

55.8566, 68.6705, 32.8650



Deuteranomaly

58.8829, 68.0934, 39.3180



Tritanomaly

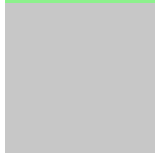
53.6609, 69.6042, 70.2812

Monochromacy



Original Color

47.0041, 70.3795, 35.9182



Achromatopsia

54.2854, 57.1125, 62.1955



Achromatomaly

50.4425, 60.7725, 51.1911

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.0041, 70.3795, 35.9182 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(140, 241, 140)` looks like.

```
.text, #text, p{  
    color:rgb(140, 241, 140)  
}
```

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(140, 241, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 241, 140) }
```

Border

The CSS property to change the border of an element to XYZ 47.0041, 70.3795, 35.9182 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(140, 241, 140) }
```


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

```
.border{ border-color:rgb(140, 241, 140) }
```

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

Here you see how a box with a 4 pixel rgb(140, 241, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 241, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 241, 140);  
box-shadow:4px 4px 4px 4px rgb(140, 241,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 47.0041, 70.3795, 35.9182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 241, 140) }
```

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

```
.background{ background-color: rgb(140,  
241, 140) }
```

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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