

Converting Colors

YUV(150.1270, -19.7826,
-48.3464)

Have a look what the booklet for
YUV(150.1270, -19.7826, -48.3464)
contains.

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Color

**YUV(150.1270, -19.7826,
-48.3464)**

Conversions

Conversions Part 1

Format	Color
Hex	5FBA6E
RGB	95, 186, 110
RGB Percent	37%, 73%, 43%
CMY	0.6275, 0.2706, 0.5686
CMYK	0.49, 0.00, 0.41, 0.27
HSL	130°, 40%, 55%
HSV	130°, 49%, 73%
XYZ	25.0927, 38.6765, 20.8946
YIQ	150.1270, -29.8400, -42.9280

Conversions

Conversions Part 2

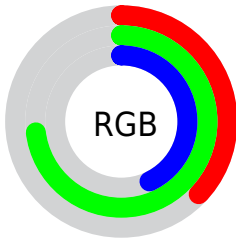
Format	Color
RYB	95, 173, 186
Decimal	6273646
CIELab	68.52, -43.54, 30.36
CIELCh	69, 53.078, 145.114
Yxy	38.6765, 0.2964, 0.4568
Android (android.graphics.Color)	4284463726 (0xFF5FBA6E)
YUV	150.1270, -19.7826, -48.3464
Hunter-Lab	62.1904, -36.8118, 23.6131

Details

The YUV color **150.1270, -19.7826, -48.3464** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **130.8730, 19.7826, 48.3464**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.2580, -21.8192, -48.4613**, and **95.2020, -16.8616, -51.9202** is the 20% darker color. If you saturate the color by 10%, you get **142.6220, -23.9706, -58.4275**, and if you desaturate by 10%, it is **157.6320, -15.5946, -38.2653**.

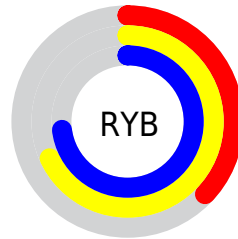
Distribution



Red (37%)

Green (73%)

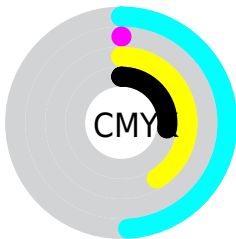
Blue (43%)



Red (37%)

Yellow (68%)

Blue (73%)

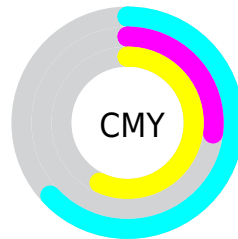


Cyan (49%)

Magenta (0%)

Yellow (41%)

Black (27%)



Cyan (63%)

Magenta (27%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 150.1270, -19.7826, -48.3464 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 YUV color 150.1270, -19.7826, -48.3464 by changing the saturation by 10% instead.

■ 150.1270,
-19.7826, -48.3464

■ 150.1270,
-19.7826, -48.3464

■ 255.0000, 0.0000,
0.0000

■ 123.0560,
-18.7616, -49.1611

■ 206.2580,
-21.8192, -48.4613

■ 95.2020, -16.8616,
-51.9202

■ 224.8660,
-17.1889, -40.2245

■ 66.4400, -14.5139,
-58.2679

■ 236.7290, -9.2334,
-25.1953

■ 49.1430, -17.3255,
-43.0984

■ 248.5920, -1.2779,
-10.1662

■ 33.4590, -16.4953,
-29.3435

■ 21.1320, -10.4181,
-18.5328

■ 0.0000, 0.0000,

0.0000

■ 150.1270,
-19.7826, -48.3464

■ 150.1270,
-19.7826, -48.3464

■ 142.6220,
-23.9706, -58.4275

■ 157.6320,
-15.5946, -38.2653

■ 135.5300,
-27.8693, -67.9938

■ 164.7240,
-11.6959, -28.6989

■ 128.0250,
-32.0573, -78.0749

■ 172.2290, -7.5079,
-18.6178

■ 120.9330,
-35.9560, -87.6412

■ 179.3210, -3.6093,
-9.0515

■ 113.4280,
-40.1440, -97.7224

■ 186.8260, 0.5788,
1.0296

■ 112.7160,
-40.2860, -98.8519

■ 194.2170, 4.3300,
11.2107

■ 201.4230, 8.6655,
20.6770

■ 208.8140, 12.4167,
30.8581

■ 213.9270, 17.7840,
36.0210

Harmonies

Analogous

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



158.3210, -40.5843, -2.9125



150.1270, -19.7826, -48.3464



130.0150, 13.3036, -114.0232

Triad

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



150.1270, -19.7826, -48.3464



143.7550, 54.8438, -90.9931



166.6740, -18.5733, 77.4619

Complementary

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



150.1270, -19.7826, -48.3464



130.8730, 19.7826, 48.3464

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.



169.1890, 3.8508, 71.7482



150.1270, -19.7826, -48.3464



168.6450, 42.0800, -10.2127

Square

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



150.1270, -19.7826, -48.3464



137.1120, 53.1888, -120.2472



172.4960, 24.8985, 40.7840



165.5370, -37.7327, 62.6731

Rectangle

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



150.1270, -19.7826, -48.3464



133.8910, 28.1547, -117.4224



172.4960, 24.8985, 40.7840



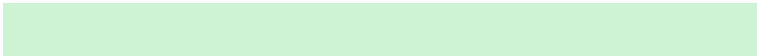
166.7370, -10.7163, 77.4067

Sweetspot

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



150.1270, -19.7826, -48.3464



227.8160, -7.7973, -19.1326



171.4400, -37.6849, 0.4911



113.3700, -4.6194, -11.7255



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



150.1270, -19.7826, -48.3464



185.6770, -30.8998, -76.0157



155.1430, -0.5635, -52.7454



88.3970, -2.1677, -4.7332



94.5360, -33.7882, -82.9081



17.0060, -5.9190, -14.9143

Inverse Universe

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



130.8730, 19.7826, 48.3464



155.4370, 31.3366, 75.9158



125.8570, 0.5635, 52.7454



86.4890, 1.7309, 4.8331



61.4640, 33.7882, 82.9081



10.9940, 5.9190, 14.9143

Previews

White Background



This preview shows how the YUV color 150.1270, -19.7826, -48.3464 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 YUV color 150.1270, -19.7826, -48.3464 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](#).

YUV 150.1270, -19.7826, -48.3464 Background



This preview shows how black text looks on a background with the YUV color 150.1270, -19.7826, -48.3464.



This preview shows how white text looks on a background with the YUV color 150.1270, -19.7826, -48.3464.

-48.3464.

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

150.1270, -19.7826, -48.3464

Protanopia

163.1890, -30.1662, 15.6202

Deuteranopia

165.7590, -24.5312, 28.2754



Tritanopia

158.8730, 15.8386, -40.2306

Trichromacy



Original Color

150.1270, -19.7826, -48.3464

Protanomaly

158.3710, -26.3119, -7.3414

Deuteranomaly

160.3380, -22.8446, 0.5806

Tritanomaly

155.8220, 3.0458, -43.6939

Monochromacy



Original Color

150.1270, -19.7826, -48.3464

Achromatopsia

150.0000, 0.0000, 0.0000

Achromatomaly

149.9410, -7.3659, -17.4883

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.1270, -19.7826, -48.3464 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(95, 186, 110)` looks like.

```
.text, #text, p{  
    color:rgb(95, 186, 110)  
}
```

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(95, 186, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 186, 110) }
```

Border

The CSS property to change the border of an element to YUV 150.1270, -19.7826, -48.3464 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(95, 186, 110) }
```


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

```
.border{ border-color:rgb(95, 186, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 186, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 186, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 186, 110);  
box-shadow:4px 4px 4px 4px rgb(95, 186,  
110) }
```

Background

The CSS property to change the background color of an element to YUV 150.1270, -19.7826, -48.3464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 186, 110) }
```

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

```
.background{ background-color: rgb(95, 186,  
110) }
```

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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