

Converting Colors

YUV(146.3920, -18.4343,
-60.8568)

Have a look what the booklet for
YUV(146.3920, -18.4343, -60.8568)
contains.

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Color

**YUV(146.3920, -18.4343,
-60.8568)**

Conversions

Conversions Part 1

Format	Color
Hex	4DBD6D
RGB	77, 189, 109
RGB Percent	30%, 74%, 43%
CMY	0.6980, 0.2588, 0.5725
CMYK	0.59, 0.00, 0.42, 0.26
HSL	137°, 46%, 52%
HSV	137°, 59%, 74%
XYZ	24.0185, 39.0771, 20.7447
YIQ	146.3920, -41.0720, -48.6240

Conversions

Conversions Part 2

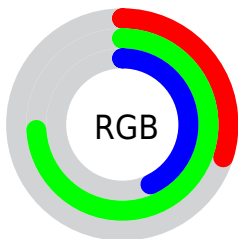
Format	Color
RYB	77, 164, 189
Decimal	5094765
CIELab	68.81, -49.44, 31.14
CIElCh	69, 58.425, 147.797
Yxy	39.0771, 0.2865, 0.4661
Android (android.graphics.Color)	4283284845 (0xFF4DBD6D)
YUV	146.3920, -18.4343, -60.8568
Hunter-Lab	62.5117, -40.8115, 24.0826

Details

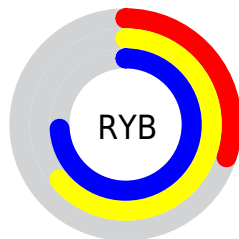
The YUV color **146.3920, -18.4343, -60.8568** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **119.6080, 18.4343, 60.8568**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.1210, -20.7657, -59.7421**, and **86.0850, -12.8599, -75.4965** is the 20% darker color. If you saturate the color by 10%, you get **139.1150, -21.7487, -71.1379**, and if you desaturate by 10%, it is **153.5550, -15.5566, -50.4757**.

Distribution



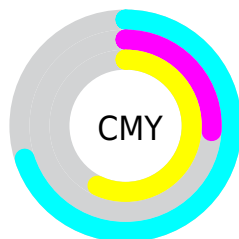
- Red (30%)
- Green (74%)
- Blue (43%)



- Red (30%)
- Yellow (64%)
- Blue (74%)



- Cyan (59%)
- Magenta (0%)
- Yellow (42%)
- Black (26%)



- Cyan (70%)
- Magenta (26%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 146.3920, -18.4343, -60.8568 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 146.3920, -18.4343, -60.8568 by changing the saturation by 10% instead.

■ 146.3920,
-18.4343, -60.8568

■ 146.3920,
-18.4343, -60.8568

■ 255.0000, 0.0000,
0.0000

■ 117.2390,
-16.3868, -64.2306

■ 203.1210,
-20.7657, -59.7421

■ 86.0850, -12.8599,
-75.4965

■ 220.2670,
-15.4146, -49.3462

■ 67.5000, -15.5295,
-59.1975

■ 232.1300, -7.4591,
-34.3170

■ 50.0890, -18.7779,
-43.9281

■ 244.2920, 0.3490,
-18.6731

■ 34.6330, -17.0741,
-30.3731

■ 254.4020, 0.2948,
-1.2296

■ 21.7190, -10.7075,
-19.0476

■ 0.0000, 0.0000,

0.0000

■ 146.3920,
-18.4343, -60.8568

■ 146.3920,
-18.4343, -60.8568

■ 139.1150,
-21.7487, -71.1379

■ 153.5550,
-15.5566, -50.4757

■ 131.9520,
-24.6263, -81.5189

■ 160.8320,
-12.2422, -40.1947

■ 124.6750,
-27.9408, -91.8000

■ 168.1090, -8.9277,
-29.9136

■ 117.5120,
-30.8184, -102.1810

■ 175.2720, -6.0501,
-19.5325

■ 117.0990,
-31.1078, -102.6958

■ 182.2500, -2.5882,
-9.8663

■ 189.4130, 0.2894,
0.5148

■ 196.6900, 3.6038,
10.7959

■ 203.8530, 6.4815,
21.1769

■ 211.1300, 9.7959,
31.4580

Harmonies

Analogous

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



157.0770, -43.9150, -7.9605



146.3920, -18.4343, -60.8568



131.7590, 14.9088, -115.5526

Triad

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



146.3920, -18.4343, -60.8568



131.7950, 60.7401, -115.5842



164.1150, -20.7627, 79.7061

Complementary

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



146.3920, -18.4343, -60.8568



119.6080, 18.4343, 60.8568

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.



167.1080, 3.3978, 77.0813



146.3920, -18.4343, -60.8568



169.3790, 42.2112, -5.5944

Square

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



146.3920, -18.4343, -60.8568



138.8390, 57.2674, -121.7618



172.7790, 25.7450, 49.3058



165.4790, -43.1271, 66.2319

Rectangle

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



146.3920, -18.4343, -60.8568



136.5640, 30.7809, -119.7666



172.7790, 25.7450, 49.3058



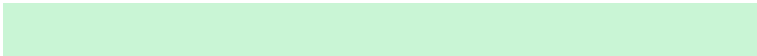
163.7050, -12.1796, 80.0657

Sweetspot

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



146.3920, -18.4343, -60.8568



228.1960, -7.4916, -23.8509



166.6640, -44.2044, -8.4753



111.7610, -4.3192, -14.6994



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.



146.3920, -18.4343, -60.8568



178.8380, -28.5141, -94.5739



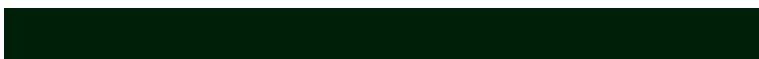
152.7760, 6.0264, -66.4556



90.6250, -1.2941, -4.9331



97.8760, -26.0679, -85.8373



19.2230, -5.0399, -16.8586

Inverse Universe

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



119.6080, 18.4343, 60.8568



137.1620, 28.5141, 94.5739



113.2240, -6.0264, 66.4556



88.4890, 1.7309, 4.8331



60.1240, 26.0679, 85.8373



11.7770, 5.0399, 16.8586

Previews

White Background



This preview shows how the YUV color 146.3920, -18.4343, -60.8568 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 146.3920, -18.4343, -60.8568 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 146.3920, -18.4343, -60.8568 Background



This preview shows how black text looks on a background with the YUV color 146.3920, -18.4343, -60.8568.



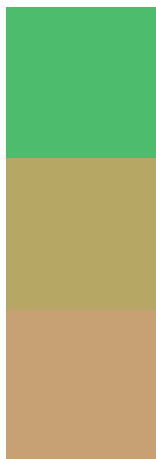
This preview shows how white text looks on a background with the YUV color 146.3920, -18.4343, -60.8568.

-60.8568.

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

146.3920, -18.4343, -60.8568

Protanopia

163.8470, -31.4766, 15.9202

Deuteranopia

166.6450, -24.9680, 28.3753



Tritanopia

157.3880, 18.0497, -49.4523

Trichromacy



Original Color

146.3920, -18.4343, -60.8568

Protanomaly

157.5230, -26.8798, -11.8597

Deuteranomaly

159.6040, -22.9758, -4.0377

Tritanomaly

153.5110, 4.6781, -53.9451

Monochromacy



Original Color

146.3920, -18.4343, -60.8568

Achromatopsia

146.0000, 0.0000, 0.0000

Achromatomaly

146.4350, -6.6235, -22.3065

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.3920, -18.4343, -60.8568 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(77, 189, 109)` looks like.

```
.text, #text, p{  
    color:rgb(77, 189, 109)  
}
```

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(77, 189, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 189, 109) }
```

Border

The CSS property to change the border of an element to YUV 146.3920, -18.4343, -60.8568 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(77, 189, 109) }
```


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

```
.border{ border-color:rgb(77, 189, 109) }
```

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

Here you see how a box with a 4 pixel rgb(77, 189, 109) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 189, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 189, 109);  
box-shadow:4px 4px 4px 4px rgb(77, 189,  
109) }
```

Background

The CSS property to change the background color of an element to YUV 146.3920, -18.4343, -60.8568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 189, 109) }
```

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

```
.background{ background-color: rgb(77, 189,  
109) }
```

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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