

Converting Colors

YUV(146.7960, -17.6474,
-33.1471)

Have a look what the booklet for
YUV(146.7960, -17.6474, -33.1471)
contains.

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Color

**YUV(146.7960, -17.6474,
-33.1471)**

Conversions

Conversions Part 1

Format	Color
Hex	6DAD6F
RGB	109, 173, 111
RGB Percent	43%, 68%, 44%
CMY	0.5725, 0.3216, 0.5647
CMYK	0.37, 0.00, 0.36, 0.32
HSL	122°, 28%, 55%
HSV	122°, 37%, 68%
XYZ	24.1195, 34.2860, 20.3856
YIQ	146.7960, -18.2420, -32.8500

Conversions

Conversions Part 2

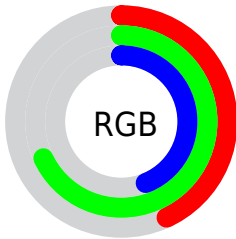
Format	Color
RYB	109, 171, 173
Decimal	7187823
CIELab	65.19, -33.40, 25.57
CIELCh	65, 42.061, 142.568
Yxy	34.2860, 0.3061, 0.4352
Android (android.graphics.Color)	4285377903 (0xFF6DAD6F)
YUV	146.7960, -17.6474, -33.1471
Hunter-Lab	58.5543, -28.9429, 20.3463

Details

The YUV color **146.7960, -17.6474, -33.1471** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **135.2040, 17.6474, 33.1471**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.7420, -19.0998, -33.9767**, and **94.5510, -16.0476, -32.9322** is the 20% darker color. If you saturate the color by 10%, you get **139.7750, -22.5671, -41.8987**, and if you desaturate by 10%, it is **153.8170, -12.7278, -24.3955**.

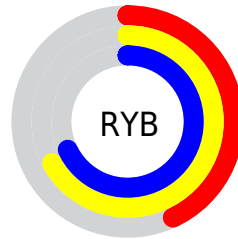
Distribution



Red (43%)

Green (68%)

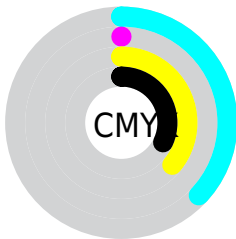
Blue (44%)



Red (43%)

Yellow (67%)

Blue (68%)

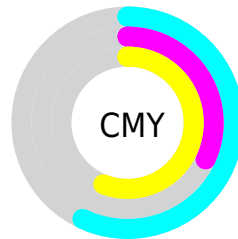


Cyan (37%)

Magenta (0%)

Yellow (36%)

Black (32%)



Cyan (57%)

Magenta (32%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 146.7960, -17.6474, -33.1471 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 146.7960, -17.6474, -33.1471 by changing the saturation by 10% instead.

■ 146.7960,
-17.6474, -33.1471

■ 146.7960,
-17.6474, -33.1471

■ 255.0000, 0.0000,
0.0000

■ 120.3230,
-16.9212, -32.7323

■ 201.7420,
-19.0998, -33.9767

■ 94.5510, -16.0476,
-32.9322

■ 228.4540,
-18.9578, -32.8472

■ 69.1810, -14.8792,
-34.3617

■ 240.0180,
-10.8549, -18.4328

■ 43.6150, -13.1212,
-38.2504

■ 251.9950, -2.4625,
-3.5036

■ 27.5890, -13.6014,
-24.1956

■ 15.8490, -7.8136,
-13.8996

■ 0.0000, 0.0000,

0.0000

■ 146.7960,
-17.6474, -33.1471

■ 146.7960,
-17.6474, -33.1471

■ 139.7750,
-22.5671, -41.8987

■ 153.8170,
-12.7278, -24.3955

■ 132.4550,
-27.3393, -51.2650

■ 161.1370, -7.9555,
-15.0291

■ 125.5480,
-31.8222, -60.1166

■ 168.0440, -3.4727,
-6.1776

■ 118.5270,
-36.7418, -68.8682

■ 175.0650, 1.4470,
2.5740

■ 111.5060,
-41.6615, -77.6198

■ 182.3850, 6.2192,
11.9404

■ 104.1860,
-46.4337, -86.9861

■ 189.4060, 11.1388,
20.6919

■ 102.1210,
-47.8807, -89.5601

■ 196.3130, 15.6217,
29.5435

■ 203.3340, 20.5413,
38.2951

■ 206.8660, 23.7301,
42.2135

Harmonies

Analogous

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



152.5200, -32.3014, 0.4210



146.7960, -17.6474, -33.1471



135.0090, 5.9116, -76.3069

Triad

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



146.7960, -17.6474, -33.1471



146.3260, 42.2373, -60.7989



159.4270, -14.0145, 61.8925

Complementary

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



146.7960, -17.6474, -33.1471



135.2040, 17.6474, 33.1471

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.



161.9650, 3.4683, 54.4047



146.7960, -17.6474, -33.1471



159.1690, 33.9337, -10.6722

Square

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



146.7960, -17.6474, -33.1471



126.8760, 44.4311, -111.2703



162.8660, 20.2791, 29.0585



157.8760, -28.5329, 51.8517

Rectangle

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



146.7960, -17.6474, -33.1471



124.2080, 24.0545, -108.9304



162.8660, 20.2791, 29.0585



160.3220, -8.0467, 61.1076

Sweetspot

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



146.7960, -17.6474, -33.1471



214.0880, -6.9454, -12.3552



165.4050, -27.8077, 5.7838



106.2180, -4.0515, -7.2072



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



146.7960, -17.6474, -33.1471



183.8680, -27.0499, -50.7502



150.3300, -4.1067, -36.2464



83.2830, -2.6045, -4.6332



88.6200, -41.2247, -77.7197



13.6150, -6.2192, -11.9404

Inverse Universe

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



135.2040, 17.6474, 33.1471



166.1320, 27.0499, 50.7502



131.6700, 4.1067, 36.2464



81.6030, 2.1677, 4.7332



61.4940, 41.6615, 77.6198



9.3850, 6.2192, 11.9404

Previews

White Background



This preview shows how the YUV color 146.7960, -17.6474, -33.1471 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 146.7960, -17.6474, -33.1471 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 146.7960, -17.6474, -33.1471 Background



This preview shows how black text looks on a background with the YUV color 146.7960, -17.6474, -33.1471.



This preview shows how white text looks on a background with the YUV color 146.7960, -17.6474, -33.1471.

-33.1471.

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

146.7960, -17.6474, -33.1471

Protanopia

155.2580, -24.7772, 13.8057

Deuteranopia

157.4750, -20.4472, 25.0164



Tritanopia

153.6250, 12.0169, -27.7351

Trichromacy



Original Color

146.7960, -17.6474, -33.1471

Protanomaly

152.1310, -22.2496, -3.6229

Deuteranomaly

153.5710, -19.5085, 3.8842

Tritanomaly

151.1550, 1.4026, -29.9539

Monochromacy



Original Color

146.7960, -17.6474, -33.1471

Achromatopsia

147.0000, 0.0000, 0.0000

Achromatomaly

146.6150, -6.2192, -11.9404

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.7960, -17.6474, -33.1471 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(109, 173, 111)` looks like.

```
.text, #text, p{  
    color:rgb(109, 173, 111)  
}
```

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(109, 173, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 173, 111) }
```

Border

The CSS property to change the border of an element to YUV 146.7960, -17.6474, -33.1471 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(109, 173, 111) }
```


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

```
.border{ border-color:rgb(109, 173, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 173, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 173, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 173, 111);  
box-shadow:4px 4px 4px 4px rgb(109, 173,  
111) }
```

Background

The CSS property to change the background color of an element to YUV 146.7960, -17.6474, -33.1471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 173, 111) }
```

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

```
.background{ background-color: rgb(109,  
173, 111) }
```

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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