

Converting Colors

YUV(80.2230, -32.1549,
-46.6766)

Have a look what the booklet for
YUV(80.2230, -32.1549, -46.6766)
contains.

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Color

**YUV(80.2230, -32.1549,
-46.6766)**

Conversions

Conversions Part 1

Format	Color
Hex	1B780F
RGB	27, 120, 15
RGB Percent	11%, 47%, 6%
CMY	0.8941, 0.5294, 0.9412
CMYK	0.78, 0.00, 0.88, 0.53
HSL	113°, 78%, 26%
HSV	113°, 88%, 47%
XYZ	7.2547, 13.7004, 2.7140
YIQ	80.2230, -21.7230, -52.3710

Conversions

Conversions Part 2

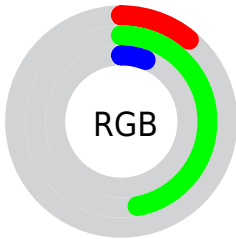
Format	Color
RYB	15, 120, 108
Decimal	1800207
CIELab	43.80, -45.66, 44.68
CIELCh	44, 63.888, 135.624
Yxy	13.7004, 0.3065, 0.5788
Android (android.graphics.Color)	4279990287 (0xFF1B780F)
YUV	80.2230, -32.1549, -46.6766
Hunter-Lab	37.0141, -29.7891, 21.5625

Details

The YUV color **80.2230, -32.1549, -46.6766** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **54.7770, 32.1549, 46.6766**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.0280, -33.0448, -41.2436**, and **41.0900, -20.2574, -36.0359** is the 20% darker color. If you saturate the color by 10%, you get **75.5660, -35.7750, -52.2394**, and if you desaturate by 10%, it is **84.8800, -28.5348, -41.1138**.

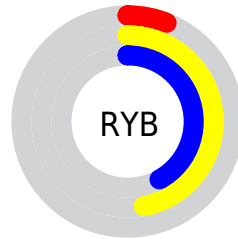
Distribution



Red (11%)

Green (47%)

Blue (6%)



Red (6%)

Yellow (47%)

Blue (42%)

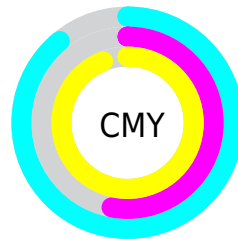


Cyan (78%)

Magenta (0%)

Yellow (88%)

Black (53%)



Cyan (89%)

Magenta (53%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.2230, -32.1549, -46.6766 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 80.2230, -32.1549, -46.6766 by changing the saturation by 10% instead.

■ 80.2230, -32.1549,
-46.6766

■ 80.2230, -32.1549,
-46.6766

255.0000, 0.0000,
0.0000

■ 55.7650, -27.4921,
-48.9059

■ 136.0280,
-33.0448, -41.2436

■ 41.0900, -20.2574,
-36.0359

■ 163.8000,
-33.9184, -41.0436

■ 27.5890, -13.6014,
-24.1956

■ 192.1590,
-35.0814, -41.3584

■ 12.9140, -6.3666,
-11.3256


■ 218.2840,
-34.6500, -39.7141


■ 0.0000, 0.0000,
0.0000


■ 230.0330,
-27.1313, -24.5849


■ 241.8960,


-19.1757, -9.5558


 252.3780,
-10.0464, 2.2995


 80.2230, -32.1549,
-46.6766


 80.2230, -32.1549,
-46.6766


 75.5660, -35.7750,
-52.2394


 84.8800, -28.5348,
-41.1138

 74.6260, -36.7906,
-53.1690

 89.2380, -24.7673,
-36.1657

 93.8950, -21.1472,
-30.6029

 98.5520, -17.5271,
-25.0401

 102.9100,
-13.7596, -20.0921

■ 107.5670,
-10.1395, -14.5293

■ 111.9250, -6.3720,
-9.5812

■ 116.5820, -2.7519,
-4.0184

■ 121.2390, 0.8682,
1.5444

Harmonies

Analogous

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



94.4700, -46.5737, 4.8498



80.2230, -32.1549, -46.6766



81.9250, -3.4140, -71.8482

Triad

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



80.2230, -32.1549, -46.6766



92.2770, 56.5584, -80.9269



90.6770, -6.2498, 91.4913

Complementary

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



80.2230, -32.1549, -46.6766



54.7770, 32.1549, 46.6766

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.



96.3650, 17.0751, 76.8559



80.2230, -32.1549, -46.6766



82.8850, 61.1887, -72.6901

Square

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



80.2230, -32.1549, -46.6766



93.7810, 42.0130, -82.2459



105.9920, 35.9929, 28.9480



95.6400, -33.8395, 73.9837

Rectangle

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



80.2230, -32.1549, -46.6766



87.3170, 12.1687, -76.5770



105.9920, 35.9929, 28.9480



90.3810, 2.7702, 91.7509

Sweetspot

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



80.2230, -32.1549, -46.6766



140.5620, -12.6021, -18.0329



100.9860, -42.3911, 16.6753



69.6860, -7.2402, -11.1256



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



80.2230, -32.1549, -46.6766



96.9540, -47.7983, -69.2427



81.1950, -12.9141, -58.0530



58.8210, -1.8838, -2.4740



77.5610, -38.2376, -55.7430



156.5950, -77.2013, -111.9008

Inverse Universe

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



54.7770, 32.1549, 46.6766



59.0460, 47.7983, 69.2427



53.8050, 12.9141, 58.0530



57.4780, 1.7363, 3.0888



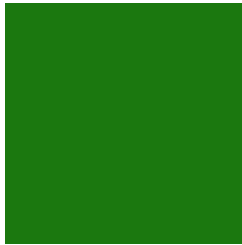
47.4390, 38.2376, 55.7430



95.7040, 77.0539, 112.5156

Previews

White Background



This preview shows how the YUV color 80.2230, -32.1549, -46.6766 looks on a white 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 × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

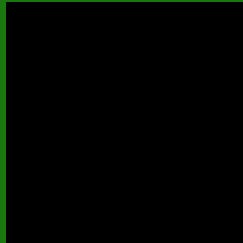
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 80.2230, -32.1549, -46.6766

Background



This preview shows how black text looks on a background with the YUV color 80.2230, -32.1549, -46.6766.



This preview shows how white text looks on a background with the YUV color 80.2230, -32.1549, -46.6766.

-46.6766.

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

80.2230, -32.1549, -46.6766

Protanopia

96.1710, -42.9753, 17.3900

Deuteranopia

99.4030, -34.7087, 25.9566



Tritanopia

96.2820, 12.1860, -35.3273

Trichromacy



Original Color

80.2230, -32.1549, -46.6766

Protanomaly

90.3530, -39.1210, -5.5716

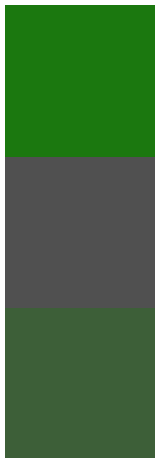
Deuteranomaly

92.4660, -33.7537, -0.4087

Tritanomaly

90.3080, -4.0958, -39.7351

Monochromacy



Original Color

80.2230, -32.1549, -46.6766

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

80.3880, -12.0233, -17.0033

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.2230, -32.1549, -46.6766 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(27, 120, 15)` looks like.

```
.text, #text, p{  
    color:rgb(27, 120, 15)  
}
```

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(27, 120, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 120, 15) }
```

Border

The CSS property to change the border of an element to YUV 80.2230, -32.1549, -46.6766 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(27, 120, 15) }
```


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

```
.border{ border-color:rgb(27, 120, 15) }
```

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

Here you see how a box with a 4 pixel rgb(27, 120, 15) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 120, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 120, 15);  
box-shadow:4px 4px 4px 4px rgb(27, 120,  
15) }
```

Background

The CSS property to change the background color of an element to YUV 80.2230, -32.1549, -46.6766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 120, 15) }
```

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

```
.background{ background-color: rgb(27, 120,  
15) }
```

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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