

Converting Colors

YUV(46.7640, -15.6597,
-17.3330)

Have a look what the booklet for
YUV(46.7640, -15.6597, -17.3330)
contains.

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Color

**YUV(46.7640, -15.6597,
-17.3330)**

Conversions

Conversions Part 1

Format	Color
Hex	1B3F0F
RGB	27, 63, 15
RGB Percent	11%, 25%, 6%
CMY	0.8941, 0.7529, 0.9412
CMYK	0.57, 0.00, 0.76, 0.75
HSL	105°, 62%, 15%
HSV	105°, 76%, 25%
XYZ	2.3157, 3.8225, 1.0677
YIQ	46.7640, -6.0480, -22.5600

Conversions

Conversions Part 2

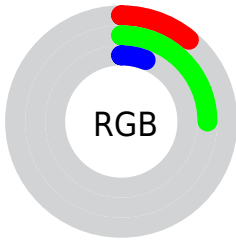
Format	Color
R_YB	15, 63, 51
Decimal	1785615
CIE _{Lab}	23.08, -23.48, 24.56
CIE _{LCh}	23, 33.981, 133.707
Yxy	3.8225, 0.3214, 0.5305
Android (android.graphics.Color)	4279975695 (0xFF1B3F0F)
YUV	46.7640, -15.6597, -17.3330
Hunter-Lab	19.5513, -13.0725, 10.4480

Details

The YUV color **46.7640, -15.6597, -17.3330** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **31.2360, 15.6597, 17.3330**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **94.4220, -16.9700, -17.0331**, and **11.1530, -5.4984, -9.7812** is the 20% darker color. If you saturate the color by 10%, you get **44.5850, -17.5434, -19.8070**, and if you desaturate by 10%, it is **48.9430, -13.7759, -14.8590**.

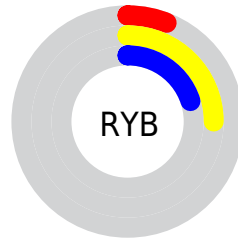
Distribution



Red (11%)

Green (25%)

Blue (6%)



Red (6%)

Yellow (25%)

Blue (20%)

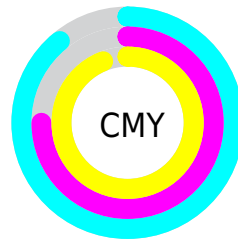


Cyan (57%)

Magenta (0%)

Yellow (76%)

Black (75%)



Cyan (89%)


Magenta (75%)


Yellow (94%)


Brightness & Saturation Gradients


These gradients show how the YUV color 46.7640, -15.6597, -17.3330 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 46.7640, -15.6597, -17.3330 by changing the saturation by 10% instead.


 46.7640, -15.6597,
-17.3330


 46.7640, -15.6597,
-17.3330


 253.6320, -5.2416,
1.1997

 25.8610, -12.7495,
-17.4181


 94.4220, -16.9700,
-17.0331

 11.1530, -5.4984,
-9.7812

 119.7810,
-18.1330, -17.3479

 0.0000, 0.0000,
0.0000

 145.3680,
-18.4224, -17.8627

 172.1400,
-19.2960, -17.6628

 199.7270,
-19.5854, -18.1776

 228.2000,

-20.3116, -18.5924

■ 244.4600,
-14.5238, -8.2964

■ 46.7640, -15.6597,
-17.3330

■ 46.7640, -15.6597,
-17.3330

■ 44.5850, -17.5434,
-19.8070

■ 48.9430, -13.7759,
-14.8590

■ 42.5910, -20.0114,
-21.5663

■ 50.9370, -11.3079,
-13.0997

■ 41.7650, -20.5901,
-22.5959

■ 53.1160, -9.4242,
-10.6257

■ 55.2950, -7.5404,
-8.1517

■ 57.5880, -5.2199,
-5.7777

■ 59.4680, -3.1887,
-3.9184

■ 61.6470, -1.3050,
-1.4444

■ 63.8260, 0.5788,
1.0296

■ 66.1190, 2.8993,
3.4036

Harmonies

Analogous

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



50.5020, -24.8975, 5.6987



46.7640, -15.6597, -17.3330



43.3020, -1.6279, -37.9759

Triad

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



46.7640, -15.6597, -17.3330



48.2500, 27.4847, -42.3152



52.5260, -4.2033, 41.6347

Complementary

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



46.7640, -15.6597, -17.3330



31.2360, 15.6597, 17.3330

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.



54.5710, 7.6065, 33.7022



46.7640, -15.6597, -17.3330



50.2460, 26.9937, -24.7717

Square

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



46.7640, -15.6597, -17.3330



49.0020, 20.2120, -42.9748



56.9580, 17.2757, 12.3148



52.8060, -15.6804, 36.1271

Rectangle

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



46.7640, -15.6597, -17.3330



45.9410, 5.9451, -40.2903



56.9580, 17.2757, 12.3148



52.9650, 0.0173, 41.2497

Sweetspot

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



46.7640, -15.6597, -17.3330



75.6480, -6.2355, -6.7073



50.4840, -17.4936, 10.9765



36.9410, -3.9149, -4.3333



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

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



46.7640, -15.6597, -17.3330



56.7060, -24.5051, -26.9292



44.5440, -8.6492, -25.9101



29.7610, -0.8682, -1.5444



62.3540, -30.7405, -33.6365



146.7590, -72.3522, -80.4726

Inverse Universe

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



31.2360, 15.6597, 17.3330



32.2940, 24.5051, 26.9292



33.4560, 8.6492, 25.9101



28.9400, 1.0156, 0.9296



31.9450, 30.5931, 34.2512



74.9420, 72.4996, 79.8579

Previews

White Background



This preview shows how the YUV color 46.7640, -15.6597, -17.3330 looks on a white background.

Color Contrast Check

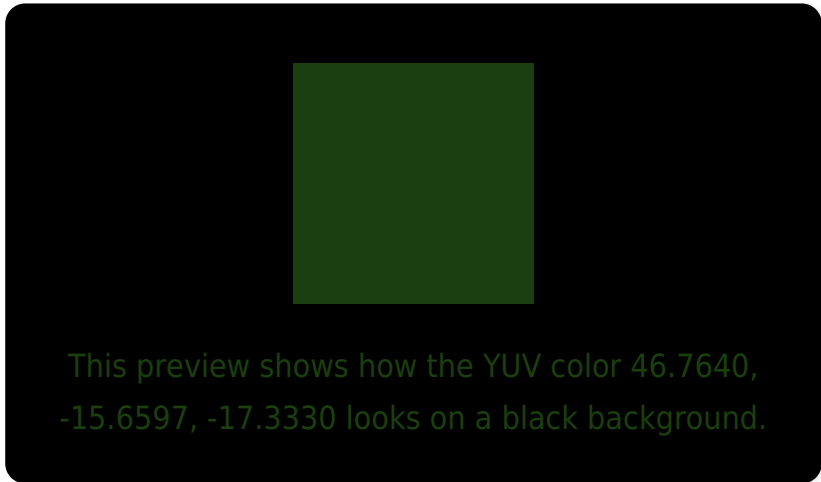
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

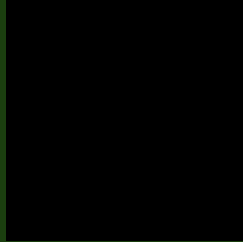
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 46.7640, -15.6597, -17.3330

Background



This preview shows how black text looks on a background with the YUV color 46.7640, -15.6597, -17.3330.



This preview shows how white text looks on a background with the YUV color 46.7640, -15.6597, -17.3330.

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

46.7640, -15.6597, -17.3330

Protanopia

52.3050, -19.3774, 8.5025

Deuteranopia

53.4350, -16.4835, 13.6505



Tritanopia

52.5790, 5.1376, -14.5398

Trichromacy



Original Color

46.7640, -15.6597, -17.3330

Protanomaly

50.2930, -17.8924, -1.1340

Deuteranomaly

51.0700, -16.3035, 2.5696

Tritanomaly

50.3310, -2.1352, -15.1993

Monochromacy



Original Color

46.7640, -15.6597, -17.3330

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

47.0610, -5.9461, -6.1925

CSS Examples

Text

The CSS property to change the color of the text to YUV 46.7640, -15.6597, -17.3330 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, 63, 15)` looks like.

```
.text, #text, p{  
    color:rgb(27, 63, 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, 63, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 63, 15) }
```

Border

The CSS property to change the border of an element to YUV 46.7640, -15.6597, -17.3330 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, 63, 15) }
```


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

```
.border{ border-color:rgb(27, 63, 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, 63, 15) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 63, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 63, 15);  
box-shadow:4px 4px 4px 4px rgb(27, 63, 15)  
}
```

Background

The CSS property to change the background color of an element to YUV 46.7640, -15.6597, -17.3330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 63, 15) }
```

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

```
.background{ background-color: rgb(27, 63,  
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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