

Converting Colors

YUV(77.3480, -4.6086, -15.2142)

Have a look what the booklet for
YUV(77.3480, -4.6086, -15.2142)
contains.

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Color

**YUV(77.3480, -4.6086,
-15.2142)**

Conversions

Conversions Part 1

Format	Color
Hex	3C5844
RGB	60, 88, 68
RGB Percent	24%, 35%, 27%
CMY	0.7647, 0.6549, 0.7333
CMYK	0.32, 0.00, 0.23, 0.65
HSL	137°, 19%, 29%
HSV	137°, 32%, 35%
XYZ	6.3966, 8.3575, 6.7449
YIQ	77.3480, -10.2680, -12.1560

Conversions

Conversions Part 2

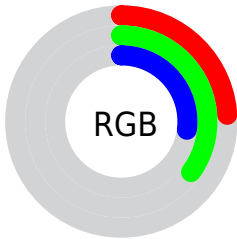
Format	Color
RYB	60, 82, 88
Decimal	3954756
CIELab	34.72, -15.23, 8.31
CIELCh	35, 17.345, 151.383
Yxy	8.3575, 0.2975, 0.3887
Android (android.graphics.Color)	4282144836 (0xFF3C5844)
YUV	77.3480, -4.6086, -15.2142
Hunter-Lab	28.9093, -11.0955, 6.4035

Details

The YUV color **77.3480, -4.6086, -15.2142** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **70.6520, 4.6086, 15.2142**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.5220, -5.1873, -16.2438**, and **32.2880, -3.5930, -14.2846** is the 20% darker color. If you saturate the color by 10%, you get **73.9730, -5.9027, -20.1473**, and if you desaturate by 10%, it is **80.7230, -3.3144, -10.2811**.

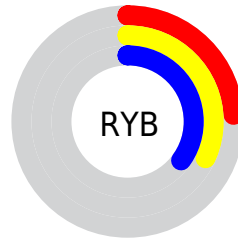
Distribution



Red (24%)

Green (35%)

Blue (27%)



Red (24%)

Yellow (32%)

Blue (35%)

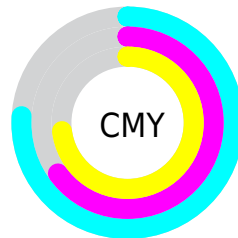


Cyan (32%)

Magenta (0%)

Yellow (23%)

Black (65%)



Cyan (76%)

Magenta (65%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.3480, -4.6086, -15.2142 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 77.3480, -4.6086, -15.2142 by changing the saturation by 10% instead.

■ 77.3480, -4.6086,
-15.2142

■ 77.3480, -4.6086,
-15.2142

■ 255.0000, 0.0000,
0.0000

■ 54.4620, -4.1718,
-15.3142

■ 126.5220, -5.1873,
-16.2438

■ 32.2880, -3.5930,
-14.2846

■ 152.5220, -5.1873,
-16.2438

■ 13.5010, -6.6560,
-11.8404

■ 179.6960, -5.7661,
-17.2734

■ 0.0000, 0.0000,
0.0000

■ 206.6960, -5.7661,
-17.2734

■ 235.2830, -6.0555,
-17.7882

■ 251.3690, 0.3111,

-6.4626

■ 77.3480, -4.6086,
-15.2142

■ 77.3480, -4.6086,
-15.2142

■ 73.9730, -5.9027,
-20.1473

■ 80.7230, -3.3144,
-10.2811

■ 70.4840, -7.6336,
-24.9805

■ 84.2120, -1.5835,
-5.4479

■ 67.4080, -9.0751,
-29.2988

■ 87.2880, -0.1420,
-1.1296

■ 64.0330, -10.3693,
-34.2319

■ 90.6630, 1.1521,
3.8035

■ 60.6580, -11.6634,
-39.1651

■ 94.0380, 2.4463,
8.7367

■ 57.1690, -13.3943,
-43.9982

■ 97.5270, 4.1772,
13.5698

■ 54.5060, -14.5465,
-47.8018

■ 100.9020, 5.4713,
18.5029

■ 103.9780, 6.9128,
22.8213

■ 107.4670, 8.6438,
27.6544

Harmonies

Analogous

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



79.2310, -10.4669, -2.8336



77.3480, -4.6086, -15.2142



75.0460, 3.4283, -26.3503

Triad

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



77.3480, -4.6086, -15.2142



80.5820, 14.0101, -13.6654



83.1940, -7.4906, 22.6319

Complementary

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



77.3480, -4.6086, -15.2142



70.6520, 4.6086, 15.2142

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.



83.2030, -1.0861, 21.7470



77.3480, -4.6086, -15.2142



82.8720, 10.9091, 0.9893

Square

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



77.3480, -4.6086, -15.2142



76.7930, 13.9061, -27.0055



83.5810, 5.6296, 14.3995



81.7220, -11.6949, 17.7838

Rectangle

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



77.3480, -4.6086, -15.2142



74.2780, 8.2439, -30.9388



83.5810, 5.6296, 14.3995



83.0630, -5.4541, 22.7467

Sweetspot

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



77.3480, -4.6086, -15.2142



110.5000, -1.7255, -6.5775



82.4160, -11.0511, -2.1188



56.3370, -1.1521, -3.8035



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



77.3480, -4.6086, -15.2142



98.3100, -7.0548, -23.9509



78.9440, 1.5066, -16.6139



41.4620, -0.7208, -2.1592



66.3430, -17.4241, -58.1828



145.5830, -38.7414, -127.6763

Inverse Universe

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



70.6520, 4.6086, 15.2142



87.6900, 7.0548, 23.9509



69.0560, -1.5066, 16.6139



40.5380, 0.7208, 2.1592



40.7710, 17.8609, 58.0828



89.4170, 38.7414, 127.6763

Previews

White Background



This preview shows how the YUV color 77.3480, -4.6086, -15.2142 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



This preview shows how the YUV color 77.3480, -4.6086, -15.2142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

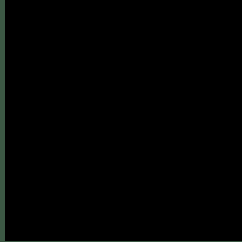
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 77.3480, -4.6086, -15.2142

Background



This preview shows how black text looks on a background with the YUV color 77.3480, -4.6086, -15.2142.

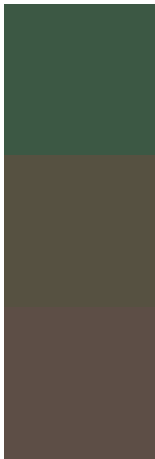


This preview shows how white text looks on a background with the YUV color 77.3480, -4.6086, -15.2142.

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

77.3480, -4.6086, -15.2142

Protanopia

80.6710, -7.7258, 4.6735

Deuteranopia

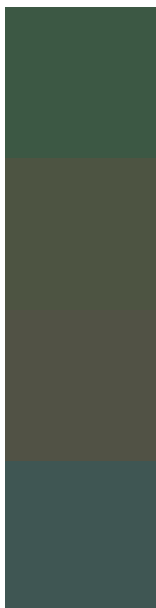
81.5730, -5.7055, 10.0215



Tritanopia

79.8180, 6.0057, -12.9954

Trichromacy



Original Color

77.3480, -4.6086, -15.2142

Protanomaly

79.8550, -6.8305, -2.5038

Deuteranomaly

80.2190, -5.5310, 0.6849

Tritanomaly

78.7810, 2.0800, -13.8399

Monochromacy



Original Color

77.3480, -4.6086, -15.2142

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

77.2120, -1.5835, -5.4479

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.3480, -4.6086, -15.2142 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(60, 88, 68)` looks like.

```
.text, #text, p{  
    color:rgb(60, 88, 68)  
}
```

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(60, 88, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 88, 68) }
```

Border

The CSS property to change the border of an element to YUV 77.3480, -4.6086, -15.2142 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(60, 88, 68) }
```


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

```
.border{ border-color:rgb(60, 88, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 88, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 88, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 88, 68);  
box-shadow:4px 4px 4px 4px rgb(60, 88, 68)  
}
```

Background

The CSS property to change the background color of an element to YUV 77.3480, -4.6086, -15.2142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 88, 68) }
```

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

```
.background{ background-color: rgb(60, 88,  
68) }
```

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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