

Converting Colors

YUV(76.8470, -18.1656, -6.8818)

Have a look what the booklet for
YUV(76.8470, -18.1656, -6.8818)
contains.

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Color

**YUV(76.8470, -18.1656,
-6.8818)**

Conversions

Conversions Part 1

Format	Color
Hex	455828
RGB	69, 88, 40
RGB Percent	27%, 35%, 16%
CMY	0.7294, 0.6549, 0.8431
CMYK	0.22, 0.00, 0.55, 0.65
HSL	84°, 38%, 25%
HSV	84°, 55%, 35%
XYZ	6.3270, 8.3979, 3.2950
YIQ	76.8470, 4.0840, -18.9560

Conversions

Conversions Part 2

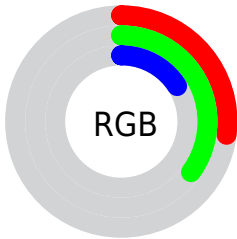
Format	Color
R_{YB}	40, 88, 59
Decimal	4544552
CIE _{Lab}	34.80, -16.32, 25.26
CIE _{LCh}	35, 30.071, 122.865
Yxy	8.3979, 0.3511, 0.4660
Android (android.graphics.Color)	4282734632 (0xFF455828)
YUV	76.8470, -18.1656, -6.8818
Hunter-Lab	28.9791, -11.7416, 13.5440

Details

The YUV color **76.8470, -18.1656, -6.8818** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **51.1530, 18.1656, 6.8818**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.2060, -19.3286, -7.1967**, and **32.4280, -15.9870, -5.6374** is the 20% darker color. If you saturate the color by 10%, you get **74.9240, -21.6545, -7.8263**, and if you desaturate by 10%, it is **78.7700, -14.6766, -5.9373**.

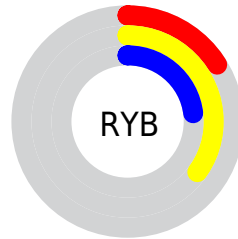
Distribution



Red (27%)

Green (35%)

Blue (16%)



Red (16%)

Yellow (35%)

Blue (23%)

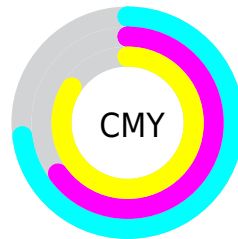


Cyan (22%)

Magenta (0%)

Yellow (55%)

Black (65%)



Cyan (73%)

Magenta (65%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.8470, -18.1656, -6.8818 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 76.8470, -18.1656, -6.8818 by changing the saturation by 10% instead.

■ 76.8470, -18.1656,
-6.8818

■ 76.8470, -18.1656,
-6.8818

255.0000, 0.0000,
0.0000

■ 53.9610, -17.7288,
-6.9818

■ 126.2060,
-19.3286, -7.1967

■ 32.4280, -15.9870,
-5.6374

■ 152.2770,
-20.3496, -6.3819

■ 14.0880, -6.9454,
-12.3552

■ 178.8640,
-20.6390, -6.8967

■ 0.0000, 0.0000,
0.0000

■ 206.6360,
-21.5125, -6.6968

■ 235.2230,
-21.8019, -7.2116

■ 250.8960,

-15.7247, 3.5992

254.0880, -3.4944,
0.7998

76.8470, -18.1656,
-6.8818

76.8470, -18.1656,
-6.8818

74.9240, -21.6545,
-7.8263

78.7700, -14.6766,
-5.9373

72.7020, -24.9961,
-9.3857

80.9920, -11.3351,
-4.3780

70.8930, -28.0482,
-10.4302

82.8010, -8.2829,
-3.3335

68.6710, -31.3898,
-11.9895

85.0230, -4.9413,
-1.7742

67.5030, -33.2790,
-12.7191

86.9460, -1.4524,
-0.8296

■ 89.1680, 1.8892,
0.7297

■ 91.0910, 5.3781,
1.6742

■ 93.1990, 8.2829,
3.3335

■ 95.1220, 11.7719,
4.2780

Harmonies

Analogous

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



79.3010, -23.3194, 12.8910



76.8470, -18.1656, -6.8818



71.7930, -6.3069, -30.5135

Triad

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



76.8470, -18.1656, -6.8818



66.9660, 28.1178, -58.7292



82.6010, -1.2823, 38.0609

Complementary

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



76.8470, -18.1656, -6.8818



51.1530, 18.1656, 6.8818

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.



84.3850, 9.6702, 25.0954



76.8470, -18.1656, -6.8818



76.9850, 26.1364, -29.8048

Square

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



76.8470, -18.1656, -6.8818



66.7890, 19.8240, -58.5740



83.9460, 18.7606, 2.6784



82.0280, -12.3388, 37.6864

Rectangle

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



76.8470, -18.1656, -6.8818



63.7280, 5.5571, -55.8895



83.9460, 18.7606, 2.6784



83.3170, 2.8017, 34.8020

Sweetspot

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



76.8470, -18.1656, -6.8818



110.4420, -7.1199, -3.0186



64.9180, -12.2846, 20.2429



56.2510, -4.0677, -1.9741



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.



76.8470, -18.1656, -6.8818



97.4800, -28.3376, -10.9450



69.9700, -14.7752, -21.0217



42.2450, -1.5998, -0.2149



82.2440, -40.5463, -15.1230



180.4030, -88.9387, -33.6794

Inverse Universe

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



51.1530, 18.1656, 6.8818



57.5200, 28.3376, 10.9450



58.0300, 14.7752, 21.0217



40.0540, 1.4524, 0.8296



24.7560, 40.5463, 15.1230



54.5970, 88.9387, 33.6794

Previews

White Background



This preview shows how the YUV color 76.8470, -18.1656, -6.8818 looks on a white background.

Color Contrast Check

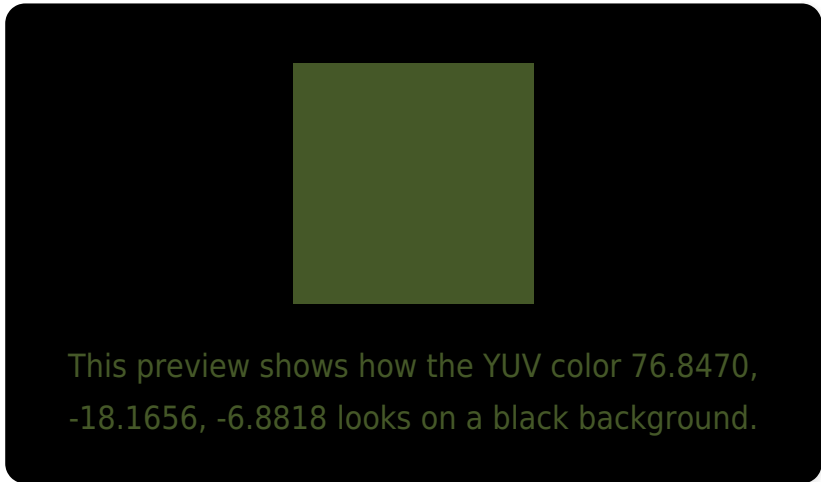
Large Text (above 18pt) WCAG AA ✓ Pass

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

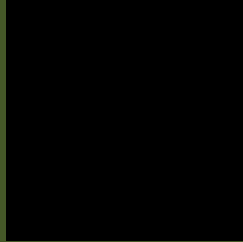
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 76.8470, -18.1656, -6.8818

Background



This preview shows how black text looks on a background with the YUV color 76.8470, -18.1656, -6.8818.



This preview shows how white text looks on a background with the YUV color 76.8470, -18.1656, -6.8818.

-6.8818.

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

76.8470, -18.1656, -6.8818

Protanopia

79.6750, -20.5458, 9.9320

Deuteranopia

80.5880, -18.5309, 17.0243



Tritanopia

81.2920, 3.8000, -5.5181

Trichromacy



Original Color

76.8470, -18.1656, -6.8818

Protanomaly

78.5710, -19.5085, 3.8842

Deuteranomaly

79.5330, -18.5038, 8.3026

Tritanomaly

79.8160, -4.3463, -5.9776

Monochromacy



Original Color

76.8470, -18.1656, -6.8818

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

76.9690, -6.3937, -2.6038

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.8470, -18.1656, -6.8818 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(69, 88, 40)` looks like.

```
.text, #text, p{  
    color:rgb(69, 88, 40)  
}
```

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(69, 88, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 88, 40) }
```

Border

The CSS property to change the border of an element to YUV 76.8470, -18.1656, -6.8818 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(69, 88, 40) }
```


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

```
.border{ border-color:rgb(69, 88, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 88, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 88, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 88, 40);  
box-shadow:4px 4px 4px 4px rgb(69, 88, 40)  
}
```

Background

The CSS property to change the background color of an element to YUV 76.8470, -18.1656, -6.8818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 88, 40) }
```

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

```
.background{ background-color: rgb(69, 88,  
40) }
```

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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