

Converting Colors

YUV(80.8720, -16.2059,
-28.8287)

Have a look what the booklet for
YUV(80.8720, -16.2059, -28.8287)
contains.

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Color

**YUV(80.8720, -16.2059,
-28.8287)**

Conversions

Conversions Part 1

Format	Color
Hex	306830
RGB	48, 104, 48
RGB Percent	19%, 41%, 19%
CMY	0.8118, 0.5922, 0.8118
CMYK	0.54, 0.00, 0.54, 0.59
HSL	120°, 37%, 30%
HSV	120°, 54%, 41%
XYZ	6.7027, 10.7424, 4.5165
YIQ	80.8720, -15.4000, -29.2880

Conversions

Conversions Part 2

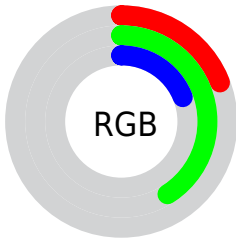
Format	Color
R_{YB}	48, 104, 104
Decimal	3172400
CIE Lab	39.14, -31.11, 25.84
CIE LCh	39, 40.445, 140.287
Yxy	10.7424, 0.3052, 0.4891
Android (android.graphics.Color)	4281362480 (0xFF306830)
YUV	80.8720, -16.2059, -28.8287
Hunter-Lab	32.7756, -20.8534, 14.7727

Details

The YUV color **80.8720, -16.2059, -28.8287** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **71.1280, 16.2059, 28.8287**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.0030, -18.2425, -28.9436**, and **32.9860, -15.7691, -28.9287** is the 20% darker color. If you saturate the color by 10%, you get **76.7420, -19.0998, -33.9767**, and if you desaturate by 10%, it is **85.0020, -13.3120, -23.6808**.

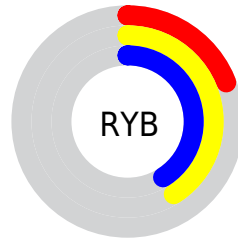
Distribution



 Red (19%)

 Green (41%)

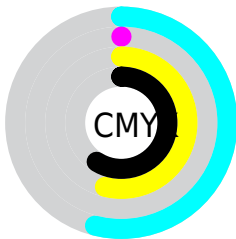
 Blue (19%)




 Red (19%)

 Yellow (41%)

 Blue (41%)

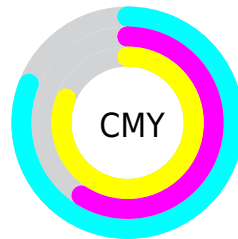


 Cyan (54%)


 Magenta (0%)

 Yellow (54%)

 Black (59%)



 Cyan (81%)

 Magenta (59%)

 Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.8720, -16.2059, -28.8287 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 80.8720, -16.2059, -28.8287 by changing the saturation by 10% instead.

■ 80.8720, -16.2059,
-28.8287

■ 80.8720, -16.2059,
-28.8287

255.0000, 0.0000,
0.0000

■ 55.6160, -14.6007,
-30.3582

■ 132.0030,
-18.2425, -28.9436

■ 32.9860, -15.7691,
-28.9287

■ 158.5900,
-18.5319, -29.4584

■ 20.5450, -10.1287,
-18.0180

■ 186.0630,
-19.2581, -29.8733

■ 0.0000, 0.0000,
0.0000

■ 213.5360,
-19.9842, -30.2881

■ 234.7910,
-16.6590, -23.4957

■ 246.3550, -8.5560,

-9.0813

■ 80.8720, -16.2059,
-28.8287

■ 80.8720, -16.2059,
-28.8287

■ 76.7420, -19.0998,
-33.9767

■ 85.0020, -13.3120,
-23.6808

■ 72.1990, -22.2831,
-39.6395

■ 89.5450, -10.1287,
-18.0180

■ 68.0690, -25.1770,
-44.7875

■ 93.6750, -7.2348,
-12.8700

■ 63.5260, -28.3603,
-50.4503

■ 98.2180, -4.0515,
-7.2072

■ 61.0480, -30.0967,
-53.5391

■ 102.3480, -1.1576,
-2.0592

■ 106.4780, 1.7363,
3.0888

■ 111.0210, 4.9196,
8.7516

■ 115.1510, 7.8136,
13.8996

■ 119.6940, 10.9969,
19.5624

Harmonies

Analogous

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



86.1010, -30.1228, 1.6654



80.8720, -16.2059, -28.8287



71.9290, 3.9790, -63.0817

Triad

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



80.8720, -16.2059, -28.8287



76.0110, 39.9276, -66.6616



90.5230, -9.6248, 53.9153

Complementary

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



80.8720, -16.2059, -28.8287



71.1280, 16.2059, 28.8287

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.



92.7900, 5.5265, 47.5422



80.8720, -16.2059, -28.8287



91.3380, 30.8924, -15.2054

Square

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



80.8720, -16.2059, -28.8287



78.4100, 31.3499, -68.7656



95.3060, 19.5691, 23.4106



90.3850, -23.8538, 44.3894

Rectangle

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



80.8720, -16.2059, -28.8287



75.1380, 13.7360, -65.8960



95.3060, 19.5691, 23.4106



91.1900, -4.5307, 53.3304

Sweetspot

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



80.8720, -16.2059, -28.8287



126.3270, -6.0772, -10.8108



97.6160, -24.4607, 5.5988



63.6310, -3.7621, -6.6924



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



80.8720, -16.2059, -28.8287



98.6560, -25.4664, -45.3023



84.0640, -3.9756, -31.6281



48.9350, -1.4470, -2.5740



67.5050, -33.2800, -59.2019



142.0540, -70.0326, -124.5814

Inverse Universe

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



71.1280, 16.2059, 28.8287



83.3440, 25.4664, 45.3023



67.9360, 3.9756, 31.6281



48.0650, 1.4470, 2.5740



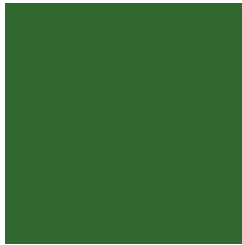
47.4950, 33.2800, 59.2019



99.9460, 70.0326, 124.5814

Previews

White Background



This preview shows how the YUV color 80.8720, -16.2059, -28.8287 looks on a white background.

Color Contrast Check

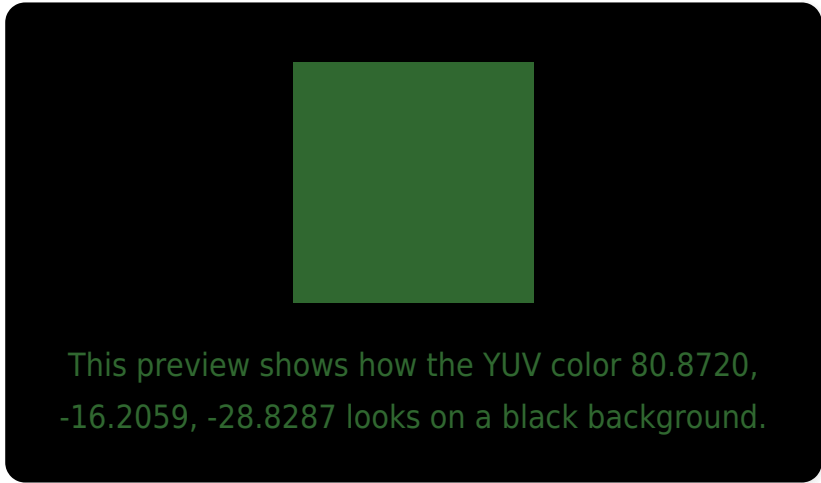
Large Text (above 18pt) WCAG AA ✓ Pass

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 80.8720, -16.2059, -28.8287

Background



This preview shows how black text looks on a background with the YUV color 80.8720, -16.2059, -28.8287.



This preview shows how white text looks on a background with the YUV color 80.8720, -16.2059, -28.8287.

-28.8287.

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

80.8720, -16.2059, -28.8287

Protanopia

89.5180, -22.4404, 10.9467

Deuteranopia

91.0720, -19.2625, 18.3539



Tritanopia

87.8490, 8.9484, -23.5466

Trichromacy



Original Color

80.8720, -16.2059, -28.8287

Protanomaly

86.0000, -20.2130, -3.5080

Deuteranomaly

87.6030, -18.0453, 1.2252

Tritanomaly

85.1340, -0.0661, -25.5505

Monochromacy



Original Color

80.8720, -16.2059, -28.8287

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

80.7400, -5.7878, -10.2960

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.8720, -16.2059, -28.8287 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(48, 104, 48)` looks like.

```
.text, #text, p{  
    color:rgb(48, 104, 48)  
}
```

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(48, 104, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 104, 48) }
```

Border

The CSS property to change the border of an element to YUV 80.8720, -16.2059, -28.8287 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(48, 104, 48) }
```


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

```
.border{ border-color:rgb(48, 104, 48) }
```

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

Here you see how a box with a 4 pixel rgb(48, 104, 48) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 104, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 104, 48);  
box-shadow:4px 4px 4px 4px rgb(48, 104,  
48) }
```

Background

The CSS property to change the background color of an element to YUV 80.8720, -16.2059, -28.8287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 104, 48) }
```

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

```
.background{ background-color: rgb(48, 104,  
48) }
```

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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