

Converting Colors

YUV(84.8290, -0.9017, -37.5610)

Have a look what the booklet for
YUV(84.8290, -0.9017, -37.5610)
contains.

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Color

**YUV(84.8290, -0.9017,
-37.5610)**

Conversions

Conversions Part 1

Format	Color
Hex	2A6B53
RGB	42, 107, 83
RGB Percent	16%, 42%, 33%
CMY	0.8353, 0.5804, 0.6745
CMYK	0.61, 0.00, 0.22, 0.58
HSL	158°, 44%, 29%
HSV	158°, 61%, 42%
XYZ	7.7739, 11.6322, 10.0191
YIQ	84.8290, -31.0360, -21.2440

Conversions

Conversions Part 2

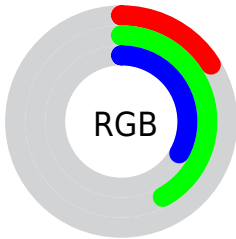
Format	Color
RYB	42, 82, 107
Decimal	2779987
CIELab	40.63, -27.04, 7.34
CIELCh	41, 28.015, 164.817
Yxy	11.6322, 0.2642, 0.3953
Android (android.graphics.Color)	4280970067 (0xFF2A6B53)
YUV	84.8290, -0.9017, -37.5610
Hunter-Lab	34.1060, -18.9994, 6.4569

Details

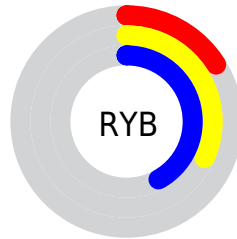
The YUV color **84.8290, -0.9017, -37.5610** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **64.1710, 0.9017, 37.5610**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.4870, -2.2121, -37.2611**, and **38.9650, -0.4757, -34.1723** is the 20% darker color. If you saturate the color by 10%, you get **81.0840, -1.0274, -43.9237**, and if you desaturate by 10%, it is **88.5740, -0.7760, -31.1984**.

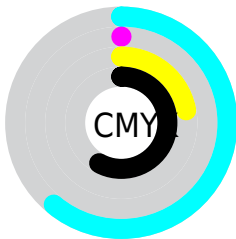
Distribution



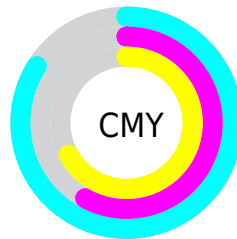
- Red (16%)
- Green (42%)
- Blue (33%)



- Red (16%)
- Yellow (32%)
- Blue (42%)



- Cyan (61%)
- Magenta (0%)
- Yellow (22%)
- Black (58%)



- Cyan (84%)
- Magenta (58%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.8290, -0.9017, -37.5610 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 84.8290, -0.9017, -37.5610 by changing the saturation by 10% instead.

84.8290, -0.9017,
-37.5610

84.8290, -0.9017,
-37.5610

255.0000, 0.0000,
0.0000

58.2630, 0.8563,
-41.4497

136.4870, -2.2121,
-37.2611

38.9650, -0.4757,
-34.1723

163.1880, -2.0647,
-37.8759

23.7710, -2.8451,
-20.8472

190.7750, -2.3541,
-38.3907

2.3480, -1.1576,
-2.0592

218.6610, -2.7909,
-38.2907

0.0000, 0.0000,
0.0000

237.9700, 1.9868,
-30.6687

248.1230, 3.3904,

-14.1399

■ 84.8290, -0.9017,
-37.5610

■ 84.8290, -0.9017,
-37.5610

■ 81.0840, -1.0274,
-43.9237

■ 88.5740, -0.7760,
-31.1984

■ 77.6380, -1.3005,
-49.6715

■ 92.0200, -0.5029,
-25.4505

■ 73.8930, -1.4262,
-56.0342

■ 95.7650, -0.3771,
-19.0879

■ 70.4470, -1.6994,
-61.7820

■ 99.5100, -0.2514,
-12.7253

■ 103.2550, -0.1257,
-6.3626

■ 106.7010, 0.1474,
-0.6148

■ 110.4460, 0.2731,
5.7479

■ 114.1910, 0.3988,
12.1105

■ 117.6370, 0.6720,
17.8584

Harmonies

Analogous

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



89.9430, -13.7759, -14.8590



84.8290, -0.9017, -37.5610



75.5940, 15.4832, -66.2959

Triad

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



84.8290, -0.9017, -37.5610



95.0580, 22.1564, -13.2059



95.7950, -15.6749, 34.3828

Complementary

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



84.8290, -0.9017, -37.5610



64.1710, 0.9017, 37.5610

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.



97.3360, -6.0816, 37.4163



84.8290, -0.9017, -37.5610



98.5620, 14.5129, 11.7851

Square

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



84.8290, -0.9017, -37.5610



85.7120, 26.7640, -44.4744



98.4520, 4.7072, 30.2986



94.5240, -21.4573, 22.3425

Rectangle

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



84.8290, -0.9017, -37.5610



76.6030, 21.8877, -67.1808



98.4520, 4.7072, 30.2986



96.3160, -12.4808, 36.5569

Sweetspot

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



84.8290, -0.9017, -37.5610



131.4990, -0.2460, -14.4696



87.6300, -22.4956, -18.0925



65.9450, 0.0271, -8.7218



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



84.8290, -0.9017, -37.5610



105.1700, -1.5628, -58.9081



82.8690, 11.8966, -35.8421



51.9780, 0.0108, -3.4887



77.1150, -1.5357, -67.6299



161.3710, -3.6339, -141.5224

Inverse Universe

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



64.1710, 0.9017, 37.5610



72.8300, 1.5628, 58.9081



66.1310, -11.8966, 35.8421



50.0220, -0.0108, 3.4887



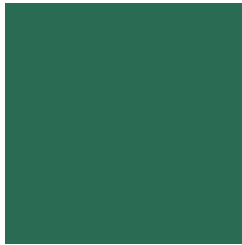
39.8850, 1.5357, 67.6299



83.5150, 3.1971, 141.6223

Previews

White Background



This preview shows how the YUV color 84.8290, -0.9017, -37.5610 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



This preview shows how the YUV color 84.8290, -0.9017, -37.5610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

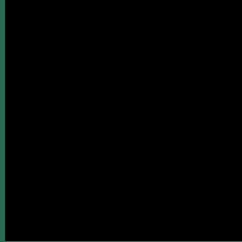
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 84.8290, -0.9017, -37.5610

Background



This preview shows how black text looks on a background with the YUV color 84.8290, -0.9017, -37.5610.



This preview shows how white text looks on a background with the YUV color 84.8290, -0.9017,

-37.5610.

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

84.8290, -0.9017, -37.5610

Protanopia

94.7420, -8.7468, 5.4883

Deuteranopia

96.1000, -4.9793, 10.4363



Tritanopia

88.7770, 11.4489, -32.2534

Trichromacy



Original Color

84.8290, -0.9017, -37.5610

Protanomaly

91.0390, -5.9352, -9.6812

Deuteranomaly

91.7450, -3.3253, -6.7924

Tritanomaly

86.9140, 6.9444, -34.1276

Monochromacy



Original Color

84.8290, -0.9017, -37.5610

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

84.7980, -0.3934, -13.8548

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.8290, -0.9017, -37.5610 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(42, 107, 83)` looks like.

```
.text, #text, p{  
    color:rgb(42, 107, 83)  
}
```

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(42, 107, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 107, 83) }
```

Border

The CSS property to change the border of an element to YUV 84.8290, -0.9017, -37.5610 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(42, 107, 83) }
```


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

```
.border{ border-color:rgb(42, 107, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 107, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 107, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 107, 83);  
box-shadow:4px 4px 4px 4px rgb(42, 107,  
83) }
```

Background

The CSS property to change the background color of an element to YUV 84.8290, -0.9017, -37.5610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 107, 83) }
```

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

```
.background{ background-color: rgb(42, 107,  
83) }
```

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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