

Converting Colors

YUV(84.5020, -11.5865,
-17.1033)

Have a look what the booklet for
YUV(84.5020, -11.5865, -17.1033)
contains.

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Color

**YUV(84.5020, -11.5865,
-17.1033)**

Conversions

Conversions Part 1

Format	Color
Hex	41633D
RGB	65, 99, 61
RGB Percent	25%, 39%, 24%
CMY	0.7451, 0.6118, 0.7608
CMYK	0.34, 0.00, 0.38, 0.61
HSL	114°, 24%, 31%
HSV	114°, 38%, 39%
XYZ	7.4841, 10.3844, 6.0248
YIQ	84.5020, -8.0660, -19.0260

Conversions

Conversions Part 2

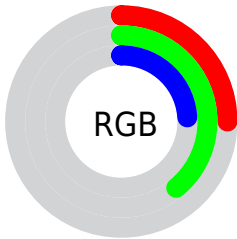
Format	Color
RYB	61, 99, 95
Decimal	4285245
CIELab	38.52, -20.71, 17.79
CIELCh	39, 27.303, 139.329
Yxy	10.3844, 0.3132, 0.4346
Android (android.graphics.Color)	4282475325 (0xFF41633D)
YUV	84.5020, -11.5865, -17.1033
Hunter-Lab	32.2249, -14.9375, 11.4724

Details

The YUV color **84.5020, -11.5865, -17.1033** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **75.4980, 11.5865, 17.1033**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.5620, -12.6021, -18.0329**, and **38.2570, -9.9867, -16.8884** is the 20% darker color. If you saturate the color by 10%, you get **80.6710, -14.6278, -21.6365**, and if you desaturate by 10%, it is **88.3330, -8.5452, -12.5700**.

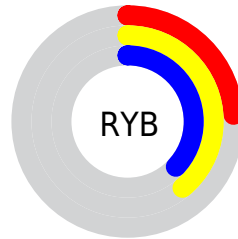
Distribution



Red (25%)

Green (39%)

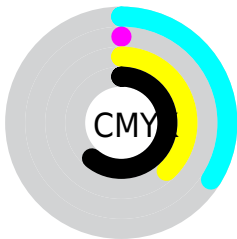
Blue (24%)



Red (24%)

Yellow (39%)

Blue (37%)

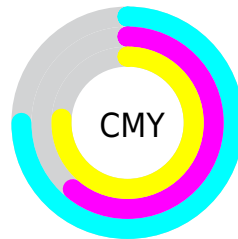


Cyan (34%)

Magenta (0%)

Yellow (38%)

Black (61%)



Cyan (75%)

Magenta (61%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.5020, -11.5865, -17.1033 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 84.5020, -11.5865, -17.1033 by changing the saturation by 10% instead.

■ 84.5020, -11.5865,
-17.1033

■ 84.5020, -11.5865,
-17.1033

■ 255.0000, 0.0000,
0.0000

■ 61.0290, -10.8603,
-16.6884

■ 134.5620,
-12.6021, -18.0329

■ 38.2570, -9.9867,
-16.8884

■ 161.0350,
-13.3283, -18.4477

■ 18.1970, -8.9711,
-15.9588

■ 188.0350,
-13.3283, -18.4477

■ 0.0000, 0.0000,
0.0000

■ 216.2090,
-13.9070, -19.4773

■ 240.5730,
-12.6075, -16.2885

■ 252.5500, -4.2151,

-1.3593

■ 84.5020, -11.5865,
-17.1033

■ 84.5020, -11.5865,
-17.1033

■ 80.6710, -14.6278,
-21.6365

■ 88.3330, -8.5452,
-12.5700

■ 76.8400, -17.6691,
-26.1697

■ 92.1640, -5.5039,
-8.0368

■ 73.0090, -20.7104,
-30.7029

■ 95.9950, -2.4625,
-3.5036

■ 69.4770, -23.8992,
-34.6213

■ 99.5270, 0.7262,
0.4148

■ 65.7600, -26.5037,
-39.2545

■ 103.3580, 3.7675,
4.9480

■ 61.9290, -29.5450,
-43.7877

■ 107.0750, 6.3720,
9.5812

■ 61.1030, -30.1238,
-44.8173

■ 110.9060, 9.4133,
14.1144

■ 114.7370, 12.4547,
18.6477

■ 118.5680, 15.4960,
23.1809

Harmonies

Analogous

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



87.5600, -19.5031, 2.1399



84.5020, -11.5865, -17.1033



79.0890, 1.4351, -40.4201

Triad

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



84.5020, -11.5865, -17.1033



82.7020, 25.2899, -38.3267



91.9830, -7.3866, 35.9719

Complementary

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



84.5020, -11.5865, -17.1033



75.4980, 11.5865, 17.1033

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.



93.1100, 3.3968, 30.5985



84.5020, -11.5865, -17.1033



90.9230, 20.2510, -8.7025

Square

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



84.5020, -11.5865, -17.1033



72.8360, 25.2239, -63.8772



93.8290, 12.9023, 15.0590



90.9580, -16.2483, 31.6088

Rectangle

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



84.5020, -11.5865, -17.1033



70.9320, 12.8515, -62.2074



93.8290, 12.9023, 15.0590



92.3080, -3.6028, 35.6869

Sweetspot

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



84.5020, -11.5865, -17.1033



121.9900, -4.9251, -7.0072



92.3200, -15.4408, 5.8584



60.5820, -2.7519, -4.0184



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



84.5020, -11.5865, -17.1033



105.4270, -17.9585, -26.6845



85.0160, -4.4449, -21.0620



46.3480, -1.1576, -2.0592



69.3320, -34.1807, -50.2802



148.3550, -73.1390, -108.1823

Inverse Universe

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



75.4980, 11.5865, 17.1033



91.2740, 18.1059, 26.0697



74.9840, 4.4449, 21.0620



45.6520, 1.1576, 2.0592



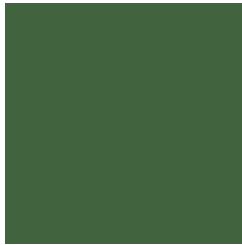
42.6680, 34.1807, 50.2802



91.3460, 73.2864, 107.5676

Previews

White Background



This preview shows how the YUV color 84.5020, -11.5865, -17.1033 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 84.5020, -11.5865, -17.1033 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

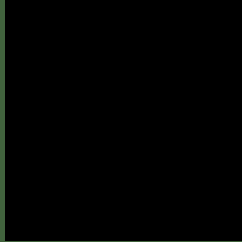
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 84.5020, -11.5865, -17.1033

Background



This preview shows how black text looks on a background with the YUV color 84.5020, -11.5865, -17.1033.



This preview shows how white text looks on a background with the YUV color 84.5020, -11.5865,

-17.1033.

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

84.5020, -11.5865, -17.1033

Protanopia

88.7440, -15.1568, 8.1175

Deuteranopia

90.6570, -13.1419, 15.2098



Tritanopia

88.3340, 6.7373, -14.3249

Trichromacy



Original Color

84.5020, -11.5865, -17.1033

Protanomaly

87.0310, -13.8193, -0.9042

Deuteranomaly

88.1070, -12.3778, 3.4142

Tritanomaly

86.9010, 0.0488, -15.6992

Monochromacy



Original Color

84.5020, -11.5865, -17.1033

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

84.8160, -4.3463, -5.9776

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.5020, -11.5865, -17.1033 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(65, 99, 61)` looks like.

```
.text, #text, p{  
    color:rgb(65, 99, 61)  
}
```

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(65, 99, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 99, 61) }
```

Border

The CSS property to change the border of an element to YUV 84.5020, -11.5865, -17.1033 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(65, 99, 61) }
```


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

```
.border{ border-color:rgb(65, 99, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 99, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 99, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 99, 61);  
box-shadow:4px 4px 4px 4px rgb(65, 99, 61)  
}
```

Background

The CSS property to change the background color of an element to YUV 84.5020, -11.5865, -17.1033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 99, 61) }
```

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

```
.background{ background-color: rgb(65, 99,  
61) }
```

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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