

Converting Colors

YUV(85.8750, -7.3334, -27.9544)

Have a look what the booklet for
YUV(85.8750, -7.3334, -27.9544)
contains.

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Color

**YUV(85.8750, -7.3334,
-27.9544)**

Conversions

Conversions Part 1

Format	Color
Hex	366947
RGB	54, 105, 71
RGB Percent	21%, 41%, 28%
CMY	0.7882, 0.5882, 0.7216
CMYK	0.49, 0.00, 0.32, 0.59
HSL	140°, 32%, 31%
HSV	140°, 49%, 41%
XYZ	7.7102, 11.3424, 7.7442
YIQ	85.8750, -19.4820, -21.3860

Conversions

Conversions Part 2

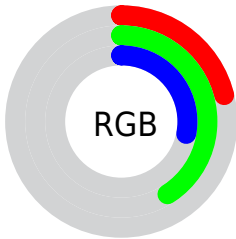
Format	Color
RYB	54, 92, 105
Decimal	3565895
CIELab	40.15, -25.59, 13.95
CIELCh	40, 29.141, 151.404
Yxy	11.3424, 0.2877, 0.4233
Android (android.graphics.Color)	4281755975 (0xFF366947)
YUV	85.8750, -7.3334, -27.9544
Hunter-Lab	33.6784, -18.0720, 9.9415

Details

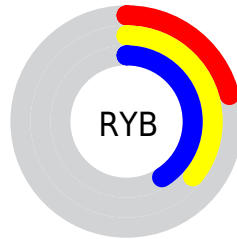
The YUV color **85.8750, -7.3334, -27.9544** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **73.1250, 7.3334, 27.9544**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.9350, -8.3490, -28.8840**, and **36.8360, -4.8491, -31.4282** is the 20% darker color. If you saturate the color by 10%, you get **81.7880, -8.7695, -34.0171**, and if you desaturate by 10%, it is **89.9620, -5.8973, -21.8917**.

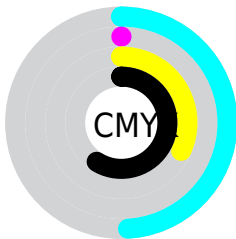
Distribution



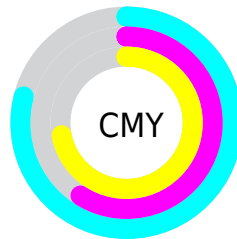
- Red (21%)
- Green (41%)
- Blue (28%)



- Red (21%)
- Yellow (36%)
- Blue (41%)



- Cyan (49%)
- Magenta (0%)
- Yellow (32%)
- Black (59%)



- Cyan (79%)
- Magenta (59%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.8750, -7.3334, -27.9544 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 85.8750, -7.3334, -27.9544 by changing the saturation by 10% instead.

■ 85.8750, -7.3334,
-27.9544

■ 85.8750, -7.3334,
-27.9544

■ 255.0000, 0.0000,
0.0000

■ 61.6900, -6.7492,
-28.6691

■ 136.9350, -8.3490,
-28.8840

■ 36.8360, -4.8491,
-31.4282

■ 163.4080, -9.0751,
-29.2988

■ 21.3600, -9.5445,
-18.7327

■ 190.4080, -9.0751,
-29.2988

■ 0.5870, -0.2894,
-0.5148

■ 218.5820, -9.6539,
-30.3284

■ 0.0000, 0.0000,
0.0000

■ 238.9510, -5.8918,
-23.6360

■ 250.8140, 2.0637,

-8.6069

■ 85.8750, -7.3334,
-27.9544

■ 85.8750, -7.3334,
-27.9544

■ 81.7880, -8.7695,
-34.0171

■ 89.9620, -5.8973,
-21.8917

■ 78.0000, -10.3530,
-39.4650

■ 93.7500, -4.3137,
-16.4438

■ 74.2120, -11.9365,
-44.9129

■ 97.8370, -2.8776,
-10.3810

■ 70.1250, -13.3726,
-50.9756

■ 101.6250, -1.2941,
-4.9331

■ 66.3370, -14.9561,
-56.4235

■ 105.4130, 0.2894,
0.5148

■ 65.6250, -15.0981,
-57.5531

■ 109.5000, 1.7255,
6.5775

■ 113.5870, 3.1616,
12.6402

■ 117.3750, 4.7451,
18.0881

■ 121.4620, 6.1812,
24.1508

Harmonies

Analogous

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



90.4450, -18.4604, -5.6523



85.8750, -7.3334, -27.9544



74.2370, 10.2362, -63.3518

Triad

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



85.8750, -7.3334, -27.9544



90.4690, 25.4048, -28.4753



95.4410, -12.0494, 38.2012

Complementary

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



85.8750, -7.3334, -27.9544



73.1250, 7.3334, 27.9544

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.



96.3020, -1.1349, 37.4461



85.8750, -7.3334, -27.9544



96.3480, 19.0554, 1.4488

Square

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



85.8750, -7.3334, -27.9544



75.9650, 29.5973, -66.6213



97.7870, 9.9650, 23.8658



94.2090, -20.3160, 29.6347

Rectangle

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



85.8750, -7.3334, -27.9544



75.4630, 17.5197, -66.1811



97.7870, 9.9650, 23.8658



95.4780, -8.1237, 39.0458

Sweetspot

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



85.8750, -7.3334, -27.9544



130.1250, -3.0196, -11.5106



94.1030, -19.7708, -5.3523



64.2010, -1.5781, -7.1923



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.



85.8750, -7.3334, -27.9544



107.9240, -11.7945, -43.7833



88.7250, 3.5866, -30.4538



51.7500, -0.8628, -3.2887



73.1250, -16.8236, -64.1306



153.1630, -35.0834, -134.3240

Inverse Universe

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



73.1250, 7.3334, 27.9544



87.9620, 11.3577, 43.8833



70.2750, -3.5866, 30.4538



50.2500, 0.8628, 3.2887



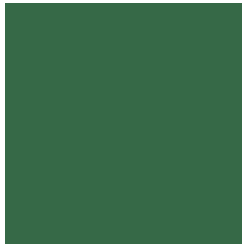
43.8750, 16.8236, 64.1306



91.8370, 35.0834, 134.3240

Previews

White Background



This preview shows how the YUV color 85.8750, -7.3334, -27.9544 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 85.8750, -7.3334, -27.9544 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

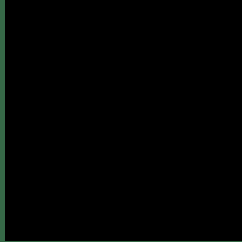
Any Text WCAG AA × Fail

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 85.8750, -7.3334, -27.9544 Background



This preview shows how black text looks on a background with the YUV color 85.8750, -7.3334, -27.9544.



This preview shows how white text looks on a background with the YUV color 85.8750, -7.3334,

-27.9544.

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

85.8750, -7.3334, -27.9544

Protanopia

93.2000, -13.4096, 7.7176

Deuteranopia

94.1560, -9.9369, 13.8952



Tritanopia

89.8490, 8.9484, -23.5466

Trichromacy



Original Color

85.8750, -7.3334, -27.9544

Protanomaly

90.6930, -11.1876, -4.9928

Deuteranomaly

90.9970, -8.8725, -0.8744

Tritanomaly

88.6440, 3.1335, -25.1208

Monochromacy



Original Color

85.8750, -7.3334, -27.9544

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

85.9510, -2.4408, -10.4810

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.8750, -7.3334, -27.9544 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(54, 105, 71)` looks like.

```
.text, #text, p{  
    color:rgb(54, 105, 71)  
}
```

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(54, 105, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 105, 71) }
```

Border

The CSS property to change the border of an element to YUV 85.8750, -7.3334, -27.9544 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(54, 105, 71) }
```


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

```
.border{ border-color:rgb(54, 105, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 105, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 105, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 105, 71);  
box-shadow:4px 4px 4px 4px rgb(54, 105,  
71) }
```

Background

The CSS property to change the background color of an element to YUV 85.8750, -7.3334, -27.9544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 105, 71) }
```

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

```
.background{ background-color: rgb(54, 105,  
71) }
```

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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