

Converting Colors

YUV(83.3000, 11.6841,
-14.2951)

Have a look what the booklet for
YUV(83.3000, 11.6841, -14.2951)
contains.

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Color

**YUV(83.3000, 11.6841,
-14.2951)**

Conversions

Conversions Part 1

Format	Color
Hex	43576B
RGB	67, 87, 107
RGB Percent	26%, 34%, 42%
CMY	0.7373, 0.6588, 0.5804
CMYK	0.37, 0.19, 0.00, 0.58
HSL	210°, 23%, 34%
HSV	210°, 37%, 42%
XYZ	8.3768, 9.0712, 15.2193
YIQ	83.3000, -18.3400, 1.9800

Conversions

Conversions Part 2

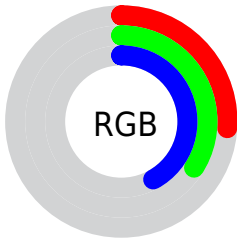
Format	Color
R_{YB}	67, 80, 107
Decimal	4413291
CIE _{Lab}	36.12, -2.15, -13.93
CIE _{LCh}	36, 14.096, 261.228
Yxy	9.0712, 0.2564, 0.2777
Android (android.graphics.Color)	4282603371 (0xFF43576B)
YUV	83.3000, 11.6841, -14.2951
Hunter-Lab	30.1185, -3.0615, -8.8772

Details

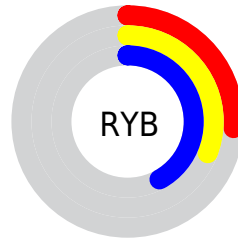
The YUV color **83.3000, 11.6841, -14.2951** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **90.7000, -11.6841, 14.2951**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.1150, 12.2683, -15.0099**, and **37.4740, 11.1053, -15.3247** is the 20% darker color. If you saturate the color by 10%, you get **77.0760, 14.7525, -18.4837**, and if you desaturate by 10%, it is **89.5240, 8.6157, -10.1065**.

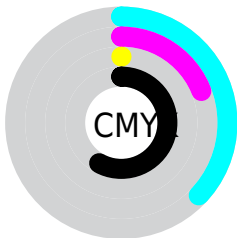
Distribution



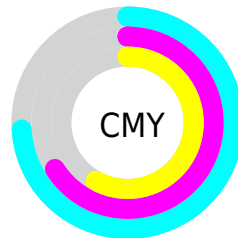
- Red (26%)
- Green (34%)
- Blue (42%)



- Red (26%)
- Yellow (31%)
- Blue (42%)



- Cyan (37%)
- Magenta (19%)
- Yellow (0%)
- Black (58%)



- Cyan (74%)
- Magenta (66%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.3000, 11.6841, -14.2951 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 83.3000, 11.6841, -14.2951 by changing the saturation by 10% instead.

■ 83.3000, 11.6841,
-14.2951

■ 83.3000, 11.6841,
-14.2951

■ 255.0000, 0.0000,
0.0000

■ 60.1860, 11.2473,
-14.1951

■ 133.1150, 12.2683,
-15.0099

■ 37.4740, 11.1053,
-15.3247

■ 159.2290, 12.7051,
-15.1098

■ 17.2460, 10.2317,
-15.1247

■ 186.3430, 13.1419,
-15.2098

■ 2.4110, 6.6994,
-2.1144

■ 214.3430, 13.1419,
-15.2098

■ 0.0000, 0.0000,
0.0000

■ 240.7470, 7.0267,
-13.8101

254.7010, 0.1474,

-0.6148

■ 83.3000, 11.6841,
-14.2951

■ 83.3000, 11.6841,
-14.2951

■ 77.0760, 14.7525,
-18.4837

■ 89.5240, 8.6157,
-10.1065

■ 70.5640, 17.9629,
-21.5426

■ 96.0360, 5.4053,
-7.0476

■ 64.3400, 21.0314,
-25.7312

■ 102.2600, 2.3368,
-2.8590

■ 58.1160, 24.0998,
-29.9197

■ 108.4840, -0.7316,
1.3295

■ 51.3050, 27.4576,
-33.5935

■ 115.2950, -4.0894,
5.0033

■ 45.3800, 30.3787,
-37.1673

■ 121.2200, -7.0105,
8.5771

■ 43.8960, 31.1103,
-38.4968

■ 127.4440,
-10.0789, 12.7656

■ 134.2550,
-13.4367, 16.4394

■ 140.1800,
-16.3577, 20.0131

Harmonies

Analogous

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



80.9030, 10.4008, -22.7169



83.3000, 11.6841, -14.2951



85.3230, 10.1938, -2.9143

Triad

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



83.3000, 11.6841, -14.2951



86.2690, -4.5696, 19.0581



82.4520, -5.6458, -9.1664

Complementary

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



83.3000, 11.6841, -14.2951



90.7000, -11.6841, 14.2951

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.



83.7800, -9.7515, 1.0699



83.3000, 11.6841, -14.2951



85.5200, -8.6374, 17.0840

Square

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



83.3000, 11.6841, -14.2951



86.7400, 1.1142, 16.0140



84.9060, -10.7997, 10.6064



80.5910, 0.2016, -18.0583

Rectangle

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



83.3000, 11.6841, -14.2951



86.6830, 7.5513, 4.6630



84.9060, -10.7997, 10.6064



82.7190, -7.2565, -5.8926

Sweetspot

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



83.3000, 11.6841, -14.2951



131.4060, 4.2368, -5.6181



92.7600, -2.8397, -22.5915



65.9610, 2.4842, -3.4738



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.



83.3000, 11.6841, -14.2951



102.9660, 18.2578, -22.7722



71.5600, 17.4719, -3.9991



50.4450, 1.7526, -2.1443



47.9710, 34.0313, -42.0706



99.5440, 71.7098, -87.3001

Inverse Universe

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



81.2400, 2.8397, 22.5915



99.4850, 4.6909, 35.5317



102.4400, -17.4719, 3.9991



50.1360, 0.4260, 3.3887



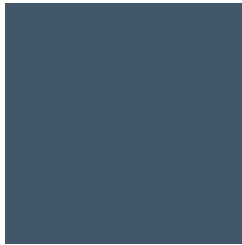
41.7090, 8.5245, 66.0302



87.1630, 17.1746, 138.4230

Previews

White Background



This preview shows how the YUV color 83.3000, 11.6841, -14.2951 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



This preview shows how the YUV color 83.3000, 11.6841, -14.2951 looks on a 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

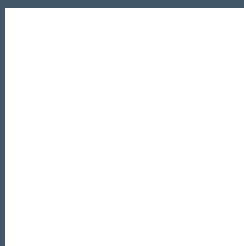
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 83.3000, 11.6841, -14.2951

Background



This preview shows how black text looks on a background with the YUV color 83.3000, 11.6841, -14.2951.

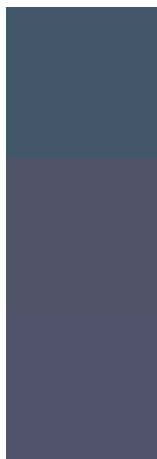


This preview shows how white text looks on a background with the YUV color 83.3000, 11.6841,

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

83.3000, 11.6841, -14.2951

Protanopia

85.1980, 9.7624, -4.5586

Deuteranopia

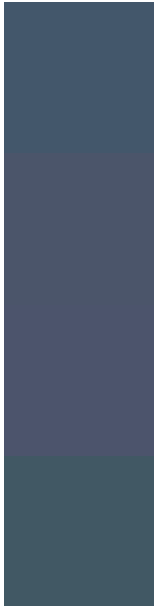
85.2520, 11.2148, -3.7290



Tritanopia

82.3230, 6.7428, -16.0693

Trichromacy



Original Color

83.3000, 11.6841, -14.2951

Protanomaly

84.4040, 10.6468, -8.2473

Deuteranomaly

84.3440, 11.6624, -7.3177

Tritanomaly

82.4910, 8.6319, -15.3396

Monochromacy



Original Color

83.3000, 11.6841, -14.2951

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

82.8190, 4.5262, -5.1033

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.3000, 11.6841, -14.2951 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(67, 87, 107)` looks like.

```
.text, #text, p{  
    color:rgb(67, 87, 107)  
}
```

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(67, 87, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 87, 107) }
```

Border

The CSS property to change the border of an element to YUV 83.3000, 11.6841, -14.2951 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(67, 87, 107) }
```


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

```
.border{ border-color:rgb(67, 87, 107) }
```

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

Here you see how a box with a 4 pixel rgb(67, 87, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 87, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 87, 107);  
box-shadow:4px 4px 4px 4px rgb(67, 87,  
107) }
```

Background

The CSS property to change the background color of an element to YUV 83.3000, 11.6841, -14.2951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 87, 107) }
```

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

```
.background{ background-color: rgb(67, 87,  
107) }
```

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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