

Converting Colors

YUV(84.3630, 16.0900,
-27.5054)

Have a look what the booklet for
YUV(84.3630, 16.0900, -27.5054)
contains.

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Color

**YUV(84.3630, 16.0900,
-27.5054)**

Conversions

Conversions Part 1

Format	Color
Hex	355E75
RGB	53, 94, 117
RGB Percent	21%, 37%, 46%
CMY	0.7922, 0.6314, 0.5412
CMYK	0.55, 0.20, 0.00, 0.54
HSL	202°, 38%, 33%
HSV	202°, 55%, 46%
XYZ	8.6818, 10.0466, 18.3112
YIQ	84.3630, -31.8190, -1.5390

Conversions

Conversions Part 2

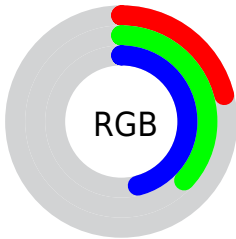
Format	Color
RYB	53, 78, 117
Decimal	3497589
CIELab	37.93, -7.26, -17.42
CIElCh	38, 18.872, 247.371
Yxy	10.0466, 0.2344, 0.2712
Android (android.graphics.Color)	4281687669 (0xFF355E75)
YUV	84.3630, 16.0900, -27.5054
Hunter-Lab	31.6964, -6.5769, -12.0647

Details

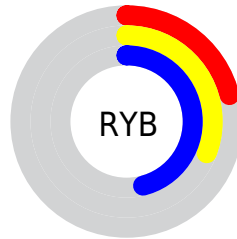
The YUV color **84.3630, 16.0900, -27.5054** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **85.6370, -16.0900, 27.5054**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.8900, 16.8162, -27.0905**, and **36.0420, 16.2483, -31.6088** is the 20% darker color. If you saturate the color by 10%, you get **78.4270, 19.0165, -32.8235**, and if you desaturate by 10%, it is **90.2990, 13.1636, -22.1872**.

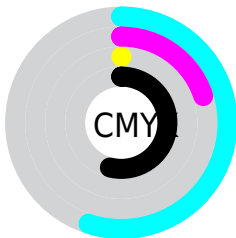
Distribution



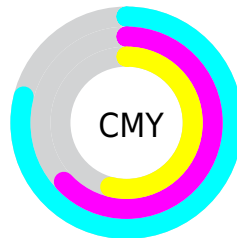
- Red (21%)
- Green (37%)
- Blue (46%)



- Red (21%)
- Yellow (31%)
- Blue (46%)



- Cyan (55%)
- Magenta (20%)
- Yellow (0%)
- Black (54%)



- Cyan (79%)
- Magenta (63%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.3630, 16.0900, -27.5054 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 84.3630, 16.0900, -27.5054 by changing the saturation by 10% instead.

■ 84.3630, 16.0900,
-27.5054

■ 84.3630, 16.0900,
-27.5054

■ 255.0000, 0.0000,
0.0000

■ 59.3520, 16.0955,
-29.2497

■ 134.8900, 16.8162,
-27.0905

■ 36.0420, 16.2483,
-31.6088

■ 161.8900, 16.8162,
-27.0905

■ 21.0930, 12.2792,
-18.4986

■ 189.0040, 17.2530,
-27.1905

■ 3.5510, 11.0674,
-3.1142

■ 216.8190, 17.8372,
-27.9053

■ 0.0000, 0.0000,
0.0000

■ 242.7410, 6.0437,
-25.2059

■ 251.4120, 1.7689,

-7.3773

■ 84.3630, 16.0900,
-27.5054

■ 84.3630, 16.0900,
-27.5054

■ 78.4270, 19.0165,
-32.8235

■ 90.2990, 13.1636,
-22.1872

■ 72.7900, 21.7955,
-37.5268

■ 95.9360, 10.3846,
-17.4839

■ 66.2670, 25.0114,
-42.3302

■ 102.4590, 7.1687,
-12.6805

■ 60.3310, 27.9378,
-47.6483

■ 108.3950, 4.2423,
-7.3624

■ 57.3630, 29.4010,
-50.3074

■ 114.0320, 1.4632,
-2.6591

■ 119.9680, -1.4632,
2.6591

■ 125.9040, -4.3897,
7.9772

■ 132.4270, -7.6055,
12.7805

■ 138.0640,
-10.3846, 17.4839

Harmonies

Analogous

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



81.0970, 12.7702, -36.0421



84.3630, 16.0900, -27.5054



88.2340, 15.1676, -11.6062

Triad

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



84.3630, 16.0900, -27.5054



91.1710, -2.5493, 24.4060



86.5080, -10.6034, -5.7075

Complementary

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



84.3630, 16.0900, -27.5054



85.6370, -16.0900, 27.5054

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.



88.2600, -14.4252, 6.7880



84.3630, 16.0900, -27.5054



90.3360, -9.5326, 24.2613

Square

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



84.3630, 16.0900, -27.5054



91.9620, 4.4557, 17.5733



89.1520, -13.8789, 18.2837



84.2550, -3.5767, -19.5176

Rectangle

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



84.3630, 16.0900, -27.5054



90.6160, 12.5143, -0.5402



89.1520, -13.8789, 18.2837



87.0740, -12.3615, -1.8189

Sweetspot

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



84.3630, 16.0900, -27.5054



140.5410, 6.1423, -10.1215



93.0760, -8.9115, -35.1467



68.9930, 3.9475, -6.1329



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



84.3630, 16.0900, -27.5054



101.6690, 25.3062, -43.5597



66.1660, 25.0612, -11.5466



56.0320, 1.4632, -2.6591



59.6940, 30.7169, -52.3516



122.4200, 62.8969, -107.3623

Inverse Universe

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



76.8100, 8.4747, 35.2466



89.6090, 13.5038, 55.5939



103.8340, -25.0612, 11.5466



55.2500, 0.8628, 3.2888



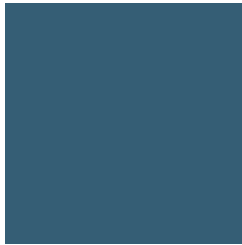
45.3700, 16.0866, 67.2045



92.9900, 33.0359, 137.6978

Previews

White Background



This preview shows how the YUV color 84.3630, 16.0900, -27.5054 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 84.3630, 16.0900, -27.5054 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

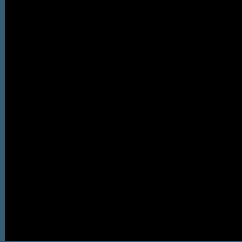
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 84.3630, 16.0900, -27.5054

Background



This preview shows how black text looks on a background with the YUV color 84.3630, 16.0900, -27.5054.

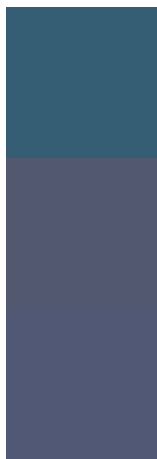


This preview shows how white text looks on a background with the YUV color 84.3630, 16.0900,

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

84.3630, 16.0900, -27.5054

Protanopia

89.3550, 11.6570, -5.5733

Deuteranopia

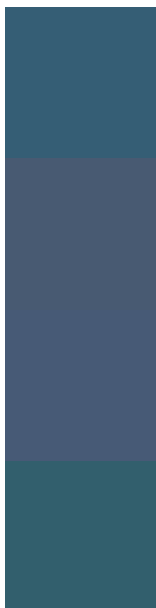
89.3270, 14.1358, -7.3028



Tritanopia

82.5600, 10.5699, -30.3091

Trichromacy



Original Color

84.3630, 16.0900, -27.5054

Protanomaly

87.3540, 13.1365, -13.4655

Deuteranomaly

87.5110, 15.0311, -14.4801

Tritanomaly

83.1410, 12.7485, -29.0647

Monochromacy



Original Color

84.3630, 16.0900, -27.5054

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

84.4270, 5.7055, -10.0215

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.3630, 16.0900, -27.5054 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(53, 94, 117)` looks like.

```
.text, #text, p{  
    color:rgb(53, 94, 117)  
}
```

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(53, 94, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 94, 117) }
```

Border

The CSS property to change the border of an element to YUV 84.3630, 16.0900, -27.5054 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(53, 94, 117) }
```


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

```
.border{ border-color:rgb(53, 94, 117) }
```

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

Here you see how a box with a 4 pixel rgb(53, 94, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 94, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 94, 117);  
box-shadow:4px 4px 4px 4px rgb(53, 94,  
117) }
```

Background

The CSS property to change the background color of an element to YUV 84.3630, 16.0900, -27.5054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 94, 117) }
```

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

```
.background{ background-color: rgb(53, 94,  
117) }
```

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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