

Converting Colors

YUV(84.9360, 3.4826, -43.7939)

Have a look what the booklet for
YUV(84.9360, 3.4826, -43.7939)
contains.

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Color

**YUV(84.9360, 3.4826,
-43.7939)**

Conversions

Conversions Part 1

Format	Color
Hex	236D5C
RGB	35, 109, 92
RGB Percent	14%, 43%, 36%
CMY	0.8627, 0.5725, 0.6392
CMYK	0.68, 0.00, 0.16, 0.57
HSL	166°, 51%, 28%
HSV	166°, 68%, 43%
XYZ	8.0935, 12.0673, 12.0279
YIQ	84.9360, -38.6470, -20.9750

Conversions

Conversions Part 2

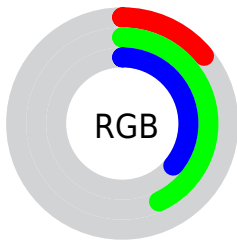
Format	Color
R_{YB}	35, 77, 109
Decimal	2321756
CIE _{Lab}	41.32, -27.11, 2.87
CIE _{LCh}	41, 27.260, 173.958
Yxy	12.0673, 0.2514, 0.3749
Android (android.graphics.Color)	4280511836 (0xFF236D5C)
YUV	84.9360, 3.4826, -43.7939
Hunter-Lab	34.7380, -19.2032, 3.7878

Details

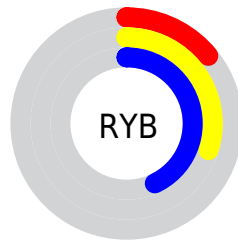
The YUV color **84.9360, 3.4826, -43.7939** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **59.0640, -3.4826, 43.7939**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.6050, 2.1667, -41.7496**, and **41.0510, 2.4399, -36.0017** is the 20% darker color. If you saturate the color by 10%, you get **81.3050, 3.7936, -50.2565**, and if you desaturate by 10%, it is **88.5670, 3.1715, -37.3313**.

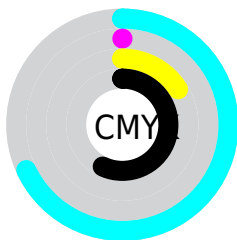
Distribution



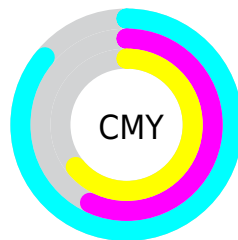
- Red (14%)
- Green (43%)
- Blue (36%)



- Red (14%)
- Yellow (30%)
- Blue (43%)



- Cyan (68%)
- Magenta (0%)
- Yellow (16%)
- Black (57%)



- Cyan (86%)
- Magenta (57%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.9360, 3.4826, -43.7939 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 84.9360, 3.4826, -43.7939 by changing the saturation by 10% instead.

84.9360, 3.4826,
-43.7939

84.9360, 3.4826,
-43.7939

255.0000, 0.0000,
0.0000

57.1740, 5.8302,
-50.1416

137.6050, 2.1667,
-41.7496

41.0510, 2.4399,
-36.0017

164.3060, 2.3141,
-42.3644

25.8570, 0.0705,
-22.6766

191.8930, 2.0248,
-42.8792

5.2830, -2.6045,
-4.6332

220.4800, 1.7354,
-43.3940

0.0000, 0.0000,
0.0000

237.9140, 6.9444,
-34.1276

246.9270, 3.9800,

-16.5990

■ 84.9360, 3.4826,
-43.7939

■ 84.9360, 3.4826,
-43.7939

■ 81.3050, 3.7936,
-50.2565

■ 88.5670, 3.1715,
-37.3313

■ 77.7880, 4.5415,
-56.8191

■ 92.0840, 2.4236,
-30.7687

■ 74.1570, 4.8526,
-63.2817

■ 95.7150, 2.1125,
-24.3061

■ 73.5590, 5.1474,
-64.5112

■ 99.2320, 1.3646,
-17.7435

■ 102.8630, 1.0535,
-11.2809

■ 106.0810, 0.4531,
-5.3330

■ 109.7120, 0.1420,
1.1296

■ 113.2290, -0.6059,
7.6922

■ 116.8600, -0.9170,
14.1548

Harmonies

Analogous

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



90.8220, -10.2652, -20.8919



84.9360, 3.4826, -43.7939



77.0930, 18.6882, -67.6106

Triad

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



84.9360, 3.4826, -43.7939



98.1300, 19.6559, -4.4990



97.6050, -17.5533, 30.1644

Complementary

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



84.9360, 3.4826, -43.7939



59.0640, -3.4826, 43.7939

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.



98.8260, -9.2812, 36.9866



84.9360, 3.4826, -43.7939



100.2100, 11.7285, 18.2328

Square

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



84.9360, 3.4826, -43.7939



91.9200, 24.6894, -32.3788



99.6650, 1.6442, 32.7428



96.4910, -21.4411, 17.1094

Rectangle

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



84.9360, 3.4826, -43.7939



77.9880, 24.6559, -68.3955



99.6650, 1.6442, 32.7428



97.6100, -15.0907, 33.6680

Sweetspot

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



84.9360, 3.4826, -43.7939



133.5310, 1.2172, -17.1287



83.5210, -23.9209, -27.6439



65.4610, 0.7587, -10.0513



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.



84.9360, 3.4826, -43.7939



105.2380, 5.3057, -68.6147



75.1340, 16.6959, -35.1975



51.9780, 0.0108, -3.4887



78.9390, 5.4531, -69.2295



165.3610, 11.6540, -145.0216

Inverse Universe

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



59.0640, -3.4826, 43.7939



64.7620, -5.3057, 68.6147



68.8660, -16.6959, 35.1975



49.9080, -0.4476, 3.5887



38.0610, -5.4531, 69.2295



79.6390, -11.6540, 145.0216

Previews

White Background



This preview shows how the YUV color 84.9360, 3.4826, -43.7939 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 84.9360, 3.4826, -43.7939 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

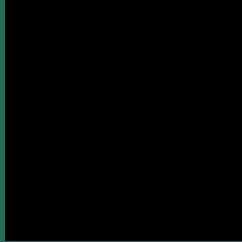
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 84.9360, 3.4826, -43.7939

Background



This preview shows how black text looks on a background with the YUV color 84.9360, 3.4826, -43.7939.



This preview shows how white text looks on a background with the YUV color 84.9360, 3.4826, -43.7939.

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

84.9360, 3.4826, -43.7939

Protanopia

96.9420, -5.3944, 3.5589

Deuteranopia

98.0010, -1.4795, 7.8921



Tritanopia

88.6730, 12.4862, -38.3012

Trichromacy



Original Color

84.9360, 3.4826, -43.7939

Protanomaly

92.3420, -2.1406, -13.4549

Deuteranomaly

93.0480, 0.4693, -10.5661

Tritanomaly

87.1520, 9.2921, -40.4753

Monochromacy



Original Color

84.9360, 3.4826, -43.7939

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

85.2430, 1.3592, -15.9991

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.9360, 3.4826, -43.7939 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(35, 109, 92)` looks like.

```
.text, #text, p{  
    color:rgb(35, 109, 92)  
}
```

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(35, 109, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 109, 92) }
```

Border

The CSS property to change the border of an element to YUV 84.9360, 3.4826, -43.7939 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(35, 109, 92) }
```


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

```
.border{ border-color:rgb(35, 109, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 109, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 109, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 109, 92);  
box-shadow:4px 4px 4px 4px rgb(35, 109,  
92) }
```

Background

The CSS property to change the background color of an element to YUV 84.9360, 3.4826, -43.7939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 109, 92) }
```

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

```
.background{ background-color: rgb(35, 109,  
92) }
```

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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