

Converting Colors

YUV(96.2300, 27.9876,
-16.8647)

Have a look what the booklet for
YUV(96.2300, 27.9876, -16.8647)
contains.

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Color

**YUV(96.2300, 27.9876,
-16.8647)**

Conversions

Conversions Part 1

Format	Color
Hex	4D5F99
RGB	77, 95, 153
RGB Percent	30%, 37%, 60%
CMY	0.6980, 0.6275, 0.4000
CMYK	0.50, 0.38, 0.00, 0.40
HSL	226°, 33%, 45%
HSV	226°, 50%, 60%
XYZ	12.9025, 12.0621, 31.7852
YIQ	96.2300, -29.3460, 14.2220

Conversions

Conversions Part 2

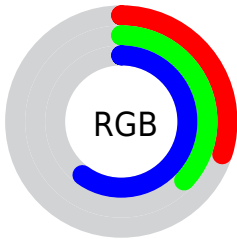
Format	Color
R_{YB}	77, 92, 153
Decimal	5070745
CIE _{Lab}	41.31, 9.92, -33.86
CIE _{LCh}	41, 35.280, 286.337
Yxy	12.0621, 0.2274, 0.2125
Android (android.graphics.Color)	4283260825 (0xFF4D5F99)
YUV	96.2300, 27.9876, -16.8647
Hunter-Lab	34.7305, 5.5351, -29.9505

Details

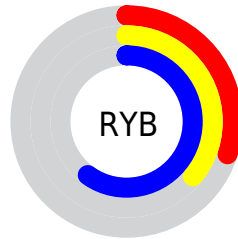
The YUV color **96.2300, 27.9876, -16.8647** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **133.7700, -27.9876, 16.8647**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.6970, 29.7294, -15.5203**, and **46.6700, 27.2777, -22.5126** is the 20% darker color. If you saturate the color by 10%, you get **84.7010, 33.6714, -19.9088**, and if you desaturate by 10%, it is **107.7590, 22.3038, -13.8206**.

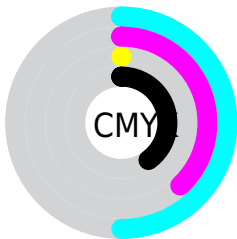
Distribution



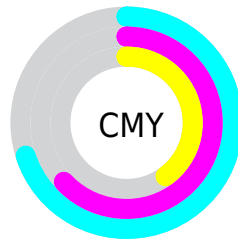
- Red (30%)
- Green (37%)
- Blue (60%)



- Red (30%)
- Yellow (36%)
- Blue (60%)



- Cyan (50%)
- Magenta (38%)
- Yellow (0%)
- Black (40%)



- Cyan (70%)
- Magenta (63%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.2300, 27.9876, -16.8647 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 96.2300, 27.9876, -16.8647 by changing the saturation by 10% instead.

■ 96.2300, 27.9876,
-16.8647

■ 96.2300, 27.9876,
-16.8647

■ 255.0000, 0.0000,
0.0000

■ 71.6920, 27.2668,
-19.0239

■ 147.6970, 29.7294,
-15.5203

■ 46.6700, 27.2777,
-22.5126

■ 174.8110, 30.1662,
-15.6202

■ 25.8010, 25.2411,
-22.6275

■ 201.1980, 26.5244,
-14.2056

■ 7.3300, 23.0083,
-6.4284

■ 226.3050, 14.1466,
-10.7915

■ 4.8220, 13.3988,
-4.2289

■ 251.4120, 1.7689,
-7.3773

■ 0.4560, 1.7472,
-0.3999

■ 0.0000, 0.0000,

0.0000

■ 96.2300, 27.9876,
-16.8647

■ 96.2300, 27.9876,
-16.8647

■ 84.7010, 33.6714,
-19.9088

■ 107.7590, 22.3038,
-13.8206

■ 73.4600, 39.2132,
-24.0824

■ 119.0000, 16.7620,
-9.6470

■ 61.9310, 44.8970,
-27.1265

■ 130.5290, 11.0782,
-6.6029

■ 50.4020, 50.5808,
-30.1706

■ 142.0580, 5.3944,
-3.5589

■ 39.4600, 55.9752,
-33.7294

■ 153.2990, -0.1474,
0.6148

■ 38.5740, 56.4120,
-33.8294

■ 164.8280, -5.8312,
3.6588

■ 176.3570,
-11.5150, 6.7029

■ 187.2990,
-16.9094, 10.2618

■ 199.1270,
-22.7406, 13.9206

Harmonies

Analogous

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



78.4900, 36.7334, -68.8357



96.2300, 27.9876, -16.8647



100.9200, 18.2804, 16.7332

Triad

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



96.2300, 27.9876, -16.8647



96.5140, -19.4804, 41.6452



76.1140, 3.3948, -62.3670

Complementary

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



96.2300, 27.9876, -16.8647



133.7700, -27.9876, 16.8647

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.



89.5140, -16.5224, -20.6218



96.2300, 27.9876, -16.8647



95.3520, -27.2885, 26.0013

Square

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



96.2300, 27.9876, -16.8647



97.7610, -7.2772, 47.5676



93.3340, -26.7867, 4.9691



78.6260, 16.9464, -68.9550

Rectangle

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



96.2300, 27.9876, -16.8647



100.2550, 10.2273, 33.1024



93.3340, -26.7867, 4.9691



83.6560, -5.2534, -41.7943

Sweetspot

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



96.2300, 27.9876, -16.8647



176.5290, 11.0782, -6.6029



128.1100, 2.9038, -44.8235



86.2860, 6.2680, -3.7588



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



96.2300, 27.9876, -16.8647



110.0020, 43.8760, -26.3118



91.3450, 30.3959, 4.0824



71.0860, 2.9156, -1.8294



35.3310, 51.6018, -30.9853



3.2430, 4.8102, -2.8441

Inverse Universe

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



101.7760, -3.3406, 44.9234



118.7730, -5.3111, 70.3591



138.6550, -30.3959, -4.0824



71.6200, -0.3057, 4.7183



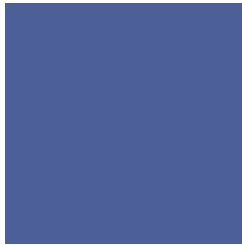
45.6220, -6.2226, 82.7695



4.2290, -0.6059, 7.6922

Previews

White Background



This preview shows how the YUV color 96.2300, 27.9876, -16.8647 looks on a white background.

Color Contrast Check

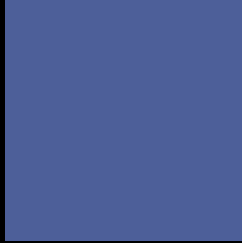
Large Text (above 18pt) WCAG AA ✓ Pass

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 96.2300, 27.9876, -16.8647 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

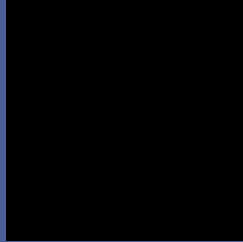
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

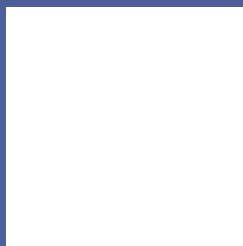
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 96.2300, 27.9876, -16.8647

Background



This preview shows how black text looks on a background with the YUV color 96.2300, 27.9876, -16.8647.



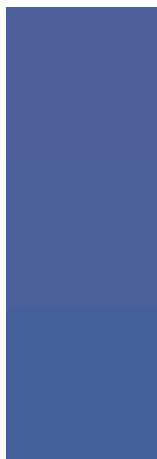
This preview shows how white text looks on a background with the YUV color 96.2300, 27.9876,

-16.8647.

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

96.2300, 27.9876, -16.8647

Protanopia

95.6320, 28.2824, -18.0943

Deuteranopia

94.3000, 28.4461, -23.9421



Tritanopia

92.9520, 9.3907, -25.3909

Trichromacy



Original Color

96.2300, 27.9876, -16.8647

Protanomaly

95.9310, 28.1350, -17.4795

Deuteranomaly

94.9090, 28.1459, -20.9682

Tritanomaly

94.3960, 16.0738, -22.2723

Monochromacy



Original Color

96.2300, 27.9876, -16.8647

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

96.3010, 10.2046, -6.4030

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.2300, 27.9876, -16.8647 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(77, 95, 153)` looks like.

```
.text, #text, p{  
    color:rgb(77, 95, 153)  
}
```

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(77, 95, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 95, 153) }
```

Border

The CSS property to change the border of an element to YUV 96.2300, 27.9876, -16.8647 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(77, 95, 153) }
```


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

```
.border{ border-color:rgb(77, 95, 153) }
```

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

Here you see how a box with a 4 pixel rgb(77, 95, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 95, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 95, 153);  
box-shadow:4px 4px 4px 4px rgb(77, 95,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 96.2300, 27.9876, -16.8647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 95, 153) }
```

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

```
.background{ background-color: rgb(77, 95,  
153) }
```

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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