

Converting Colors

YUV(96.5060, 29.3305,
-27.6308)

Have a look what the booklet for
YUV(96.5060, 29.3305, -27.6308)
contains.

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Color

**YUV(96.5060, 29.3305,
-27.6308)**

Conversions

Conversions Part 1

Format	Color
Hex	41659C
RGB	65, 101, 156
RGB Percent	25%, 40%, 61%
CMY	0.7451, 0.6039, 0.3882
CMYK	0.58, 0.35, 0.00, 0.39
HSL	216°, 41%, 43%
HSV	216°, 58%, 61%
XYZ	12.8344, 12.8315, 33.2528
YIQ	96.5060, -39.1110, 9.4730

Conversions

Conversions Part 2

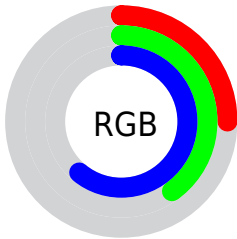
Format	Color
R _{YB}	65, 91, 156
Decimal	4285852
CIE Lab	42.51, 4.33, -33.81
CIE LCh	43, 34.084, 277.292
Yxy	12.8315, 0.2178, 0.2178
Android (android.graphics.Color)	4282475932 (0xFF41659C)
YUV	96.5060, 29.3305, -27.6308
Hunter-Lab	35.8211, 1.2683, -29.9643

Details

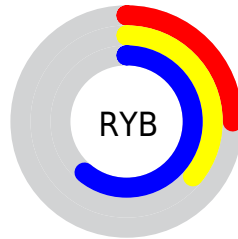
The YUV color **96.5060, 29.3305, -27.6308** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **124.4940, -29.3305, 27.6308**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.1580, 30.4881, -25.5716**, and **44.1410, 29.5105, -38.7117** is the 20% darker color. If you saturate the color by 10%, you get **86.4390, 34.2936, -32.8340**, and if you desaturate by 10%, it is **106.5730, 24.3675, -22.4275**.

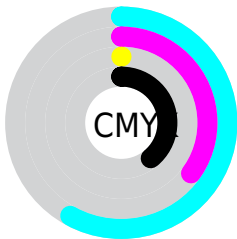
Distribution



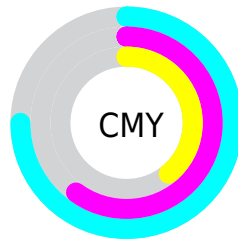
- Red (25%)
- Green (40%)
- Blue (61%)



- Red (25%)
- Yellow (36%)
- Blue (61%)



- Cyan (58%)
- Magenta (35%)
- Yellow (0%)
- Black (39%)



- Cyan (75%)
- Magenta (60%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.5060, 29.3305, -27.6308 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 96.5060, 29.3305, -27.6308 by changing the saturation by 10% instead.

■ 96.5060, 29.3305,
-27.6308

■ 96.5060, 29.3305,
-27.6308

■ 255.0000, 0.0000,
0.0000

■ 70.4840, 29.3414,
-31.1195

■ 149.1580, 30.4881,
-25.5716

■ 44.1410, 29.5105,
-38.7117

■ 175.6850, 31.2143,
-25.1567

■ 29.0780, 25.1045,
-25.5014

■ 202.3170, 25.9727,
-23.9570

■ 12.9550, 21.7142,
-11.3615

■ 227.4240, 13.5950,
-20.5428

■ 5.0500, 14.2723,
-4.4289

■ 248.4220, 3.2430,
-13.5251

■ 1.0260, 3.9312,
-0.8998

■ 0.0000, 0.0000,

0.0000

■ 96.5060, 29.3305,
-27.6308

■ 96.5060, 29.3305,
-27.6308

■ 86.4390, 34.2936,
-32.8340

■ 106.5730, 24.3675,
-22.4275

■ 76.0840, 39.3986,
-36.9077

■ 116.9280, 19.2625,
-18.3539

■ 66.0170, 44.3616,
-42.1109

■ 126.9950, 14.2995,
-13.1506

■ 55.6620, 49.4666,
-46.1846

■ 137.3500, 9.1945,
-9.0769

■ 54.1780, 50.1982,
-47.5141

■ 147.4170, 4.2314,
-3.8737

■ 158.0710, -1.0210,
0.8147

■ 167.8390, -5.8366,
5.4032

■ 177.9060,
-10.7997, 10.6064

■ 188.2610,
-15.9047, 14.6801

Harmonies

Analogous

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



81.3110, 34.8497, -71.3097



96.5060, 29.3305, -27.6308



102.8480, 20.7809, 8.0263

Triad

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



96.5060, 29.3305, -27.6308



100.1490, -15.8495, 43.7193



87.4820, -4.6746, -40.7647

Complementary

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



96.5060, 29.3305, -27.6308



124.4940, -29.3305, 27.6308

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.



94.3580, -19.8965, -11.7150



96.5060, 29.3305, -27.6308



99.2540, -25.2682, 31.3492

Square

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



96.5060, 29.3305, -27.6308



101.7760, -3.3406, 44.9234



97.3780, -26.8084, 11.9465



79.7030, 13.4574, -69.8995

Rectangle

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



96.5060, 29.3305, -27.6308



103.4220, 13.5960, 25.9399



97.3780, -26.8084, 11.9465



90.3540, -10.5275, -30.1285

Sweetspot

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



96.5060, 29.3305, -27.6308



180.0230, 11.8207, -11.4212



124.6870, -2.3107, -52.3455



87.2040, 7.2944, -6.3179



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



96.5060, 29.3305, -27.6308



110.7610, 45.9668, -43.6404



78.0650, 38.4220, -3.5650



73.6730, 2.6262, -2.3442



49.1740, 46.2562, -43.1256



5.2320, 4.8156, -4.5885

Inverse Universe

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



96.3130, 2.3107, 52.3455



110.2550, 3.8183, 82.2144



142.9350, -38.4220, 3.5650



73.7340, 0.1311, 4.6183



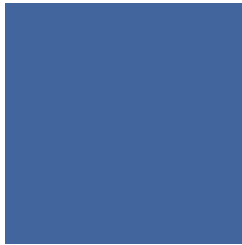
49.1410, 3.3815, 82.3143



5.1690, 0.4097, 8.6218

Previews

White Background



This preview shows how the YUV color 96.5060, 29.3305, -27.6308 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 96.5060, 29.3305, -27.6308 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 96.5060, 29.3305, -27.6308

Background



This preview shows how black text looks on a background with the YUV color 96.5060, 29.3305, -27.6308.



This preview shows how white text looks on a background with the YUV color 96.5060, 29.3305,

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

96.5060, 29.3305, -27.6308

Protanopia

99.0020, 27.1140, -16.6648

Deuteranopia

97.4140, 28.8829, -24.0421



Tritanopia

92.0860, 12.7756, -37.7864

Trichromacy



Original Color

96.5060, 29.3305, -27.6308

Protanomaly

98.2080, 27.9985, -20.3534

Deuteranomaly

96.8160, 29.1777, -25.2716

Tritanomaly

93.7150, 18.8745, -33.9531

Monochromacy



Original Color

96.5060, 29.3305, -27.6308

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

96.3930, 10.6523, -9.9917

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.5060, 29.3305, -27.6308 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(65, 101, 156)` looks like.

```
.text, #text, p{  
    color:rgb(65, 101, 156)  
}
```

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(65, 101, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 101, 156) }
```

Border

The CSS property to change the border of an element to YUV 96.5060, 29.3305, -27.6308 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(65, 101, 156) }
```


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

```
.border{ border-color:rgb(65, 101, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 101, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 101, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 101, 156);  
box-shadow:4px 4px 4px 4px rgb(65, 101,  
156) }
```

Background

The CSS property to change the background color of an element to YUV 96.5060, 29.3305, -27.6308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 101, 156) }
```

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

```
.background{ background-color: rgb(65, 101,  
156) }
```

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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