

Converting Colors

YUV(59.6310, 12.9999,
-16.3394)

Have a look what the booklet for
YUV(59.6310, 12.9999, -16.3394)
contains.

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Color

**YUV(59.6310, 12.9999,
-16.3394)**

Conversions

Conversions Part 1

Format	Color
Hex	294056
RGB	41, 64, 86
RGB Percent	16%, 25%, 34%
CMY	0.8392, 0.7490, 0.6627
CMYK	0.52, 0.26, 0.00, 0.66
HSL	209°, 35%, 25%
HSV	209°, 52%, 34%
XYZ	4.4276, 4.8101, 9.4992
YIQ	59.6310, -20.7700, 1.9660

Conversions

Conversions Part 2

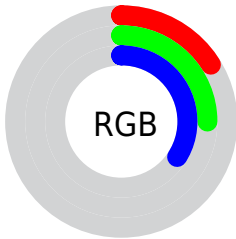
Format	Color
R_{YB}	41, 56, 86
Decimal	2703446
CIE _{Lab}	26.19, -1.93, -15.97
CIE _{LCh}	26, 16.084, 263.096
Yxy	4.8101, 0.2363, 0.2567
Android (android.graphics.Color)	4280893526 (0xFF294056)
YUV	59.6310, 12.9999, -16.3394
Hunter-Lab	21.9319, -2.3458, -10.3274

Details

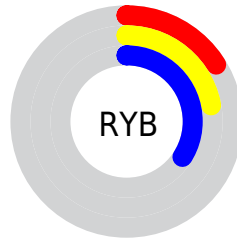
The YUV color **59.6310, 12.9999, -16.3394** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **67.3690, -12.9999, 16.3394**, and the grayscale version is **60.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **107.8590, 13.8735, -16.5393**, and **17.5880, 11.5421, -15.4247** is the 20% darker color. If you saturate the color by 10%, you get **54.5920, 15.4841, -19.8132**, and if you desaturate by 10%, it is **64.6700, 10.5157, -12.8656**.

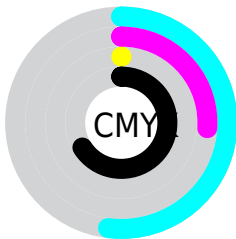
Distribution



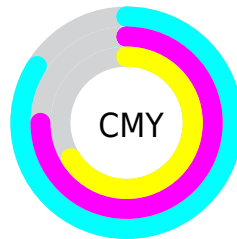
- Red (16%)
- Green (25%)
- Blue (34%)



- Red (16%)
- Yellow (22%)
- Blue (34%)



- Cyan (52%)
- Magenta (26%)
- Yellow (0%)
- Black (66%)



- Cyan (84%)
- Magenta (75%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 59.6310, 12.9999, -16.3394 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 59.6310, 12.9999, -16.3394 by changing the saturation by 10% instead.

■ 59.6310, 12.9999,
-16.3394

■ 59.6310, 12.9999,
-16.3394

■ 255.0000, 0.0000,
0.0000

■ 36.9190, 12.8579,
-17.4690

■ 107.8590, 13.8735,
-16.5393

■ 17.5880, 11.5421,
-15.4247

■ 133.2720, 14.1629,
-16.0245

■ 2.8670, 8.4466,
-2.5144

■ 159.3860, 14.5997,
-16.1245

■ 0.0000, 0.0000,
0.0000

■ 186.2010, 15.1839,
-16.8393

■ 214.2010, 15.1839,
-16.8393

■ 240.1490, 7.3215,

-15.0397

254.1030, 0.4422,
-1.8443

■ 59.6310, 12.9999,
-16.3394

■ 59.6310, 12.9999,
-16.3394

■ 54.5920, 15.4841,
-19.8132

■ 64.6700, 10.5157,
-12.8656

■ 49.8520, 17.8210,
-22.6722

■ 69.4100, 8.1789,
-10.0066

■ 44.2260, 20.5946,
-25.6312

■ 75.0360, 5.4053,
-7.0476

■ 39.4860, 22.9314,
-28.4902

■ 79.7760, 3.0684,
-4.1886

■ 35.6320, 24.8314,
-31.2493

■ 84.8150, 0.5842,
-0.7148

■ 89.8540, -1.9000,
2.7590

■ 94.5940, -4.2368,
5.6181

■ 100.2200, -7.0105,
8.5771

■ 104.9600, -9.3473,
11.4361

Harmonies

Analogous

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



55.7390, 12.4537, -27.8351



59.6310, 12.9999, -16.3394



62.7360, 10.4832, -2.3995

Triad

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



59.6310, 12.9999, -16.3394



62.8670, -4.8644, 20.2876



58.7400, -5.7878, -10.2960

Complementary

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



59.6310, 12.9999, -16.3394



67.3690, -12.9999, 16.3394

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.



60.2530, -10.4777, 0.6551



59.6310, 12.9999, -16.3394



62.2920, -9.5110, 17.2839

Square

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



59.6310, 12.9999, -16.3394



63.6370, 0.6720, 17.8584



61.3790, -11.5258, 10.1916



56.2100, 1.3755, -21.2322

Rectangle

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



59.6310, 12.9999, -16.3394



63.5090, 8.1301, 5.6926



61.3790, -11.5258, 10.1916



59.0070, -7.3985, -7.0221

Sweetspot

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



59.6310, 12.9999, -16.3394



101.3350, 5.2578, -6.4328



69.9230, -3.4130, -25.3655



49.7760, 3.0684, -4.1886



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



59.6310, 12.9999, -16.3394



71.1120, 20.1578, -25.5312



46.7170, 19.3665, -5.0138



40.6300, 1.1684, -1.4295



44.4830, 30.8209, -39.0116



97.2300, 67.9206, -85.2707

Inverse Universe

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



57.0770, 3.4130, 25.3655



67.0340, 5.4062, 39.4352



80.2830, -19.3665, 5.0138



40.4240, 0.2840, 2.2592



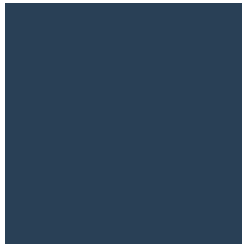
38.2630, 8.2513, 60.2823



83.9450, 17.7751, 132.4752

Previews

White Background



This preview shows how the YUV color 59.6310, 12.9999, -16.3394 looks on a white background.

Color Contrast Check

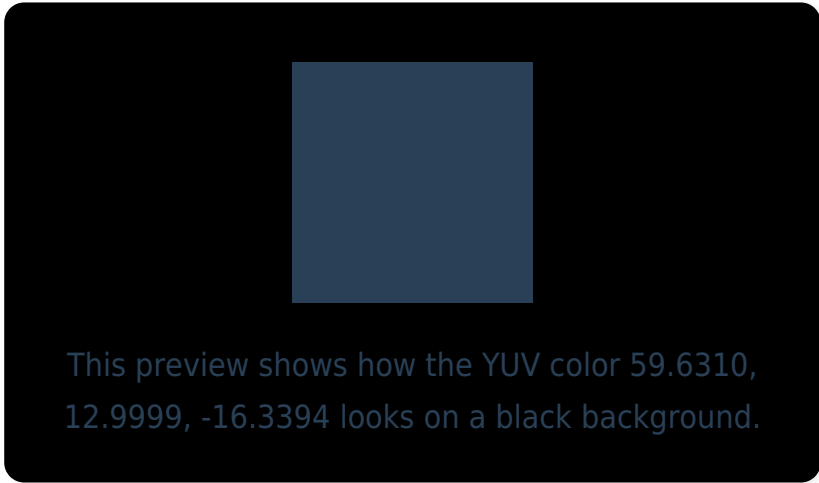
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



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

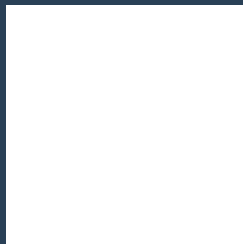
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 59.6310, 12.9999, -16.3394

Background



This preview shows how black text looks on a background with the YUV color 59.6310, 12.9999, -16.3394.

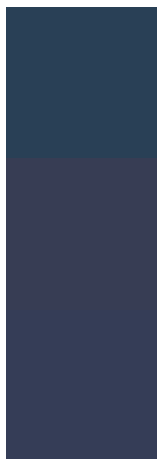


This preview shows how white text looks on a background with the YUV color 59.6310, 12.9999,

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

59.6310, 12.9999, -16.3394

Protanopia

61.8280, 10.9308, -5.9882

Deuteranopia

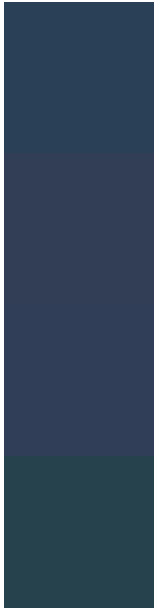
61.5720, 12.5360, -7.5176



Tritanopia

58.3010, 6.7536, -19.5580

Trichromacy



Original Color

59.6310, 12.9999, -16.3394

Protanomaly

61.0340, 11.8152, -9.6768

Deuteranomaly

60.9630, 12.8362, -10.4916

Tritanomaly

58.8820, 8.9322, -18.3135

Monochromacy



Original Color

59.6310, 12.9999, -16.3394

Achromatopsia

60.0000, 0.0000, 0.0000

Achromatomaly

59.5200, 4.6736, -5.7180

CSS Examples

Text

The CSS property to change the color of the text to YUV 59.6310, 12.9999, -16.3394 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(41, 64, 86)` looks like.

```
.text, #text, p{  
    color:rgb(41, 64, 86)  
}
```

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(41, 64, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 64, 86) }
```

Border

The CSS property to change the border of an element to YUV 59.6310, 12.9999, -16.3394 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(41, 64, 86) }
```


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

```
.border{ border-color:rgb(41, 64, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 64, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 64, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 64, 86);  
box-shadow:4px 4px 4px 4px rgb(41, 64, 86)  
}
```

Background

The CSS property to change the background color of an element to YUV 59.6310, 12.9999, -16.3394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 64, 86) }
```

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

```
.background{ background-color: rgb(41, 64,  
86) }
```

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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