

Converting Colors

YUV(59.6300, 17.9304,
-11.0765)

Have a look what the booklet for
YUV(59.6300, 17.9304, -11.0765)
contains.

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Color

**YUV(59.6300, 17.9304,
-11.0765)**

Conversions

Conversions Part 1

Format	Color
Hex	2F3B60
RGB	47, 59, 96
RGB Percent	18%, 23%, 38%
CMY	0.8157, 0.7686, 0.6235
CMYK	0.51, 0.39, 0.00, 0.62
HSL	225°, 34%, 28%
HSV	225°, 51%, 38%
XYZ	4.8476, 4.5768, 11.6942
YIQ	59.6300, -19.0290, 8.9630

Conversions

Conversions Part 2

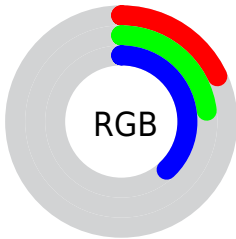
Format	Color
RYB	47, 57, 96
Decimal	3095392
CIELab	25.49, 6.57, -23.53
CIElCh	25, 24.429, 285.609
Yxy	4.5768, 0.2295, 0.2167
Android (android.graphics.Color)	4281285472 (0xFF2F3B60)
YUV	59.6300, 17.9304, -11.0765
Hunter-Lab	21.3934, 3.0081, -17.4341

Details

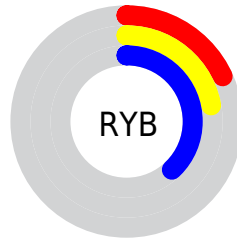
The YUV color **59.6300, 17.9304, -11.0765** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **83.3700, -17.9304, 11.0765**, and the grayscale version is **59.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **107.6840, 19.3828, -10.2469**, and **15.5650, 16.4835, -13.6505** is the 20% darker color. If you saturate the color by 10%, you get **52.5310, 21.4302, -13.6207**, and if you desaturate by 10%, it is **66.7290, 14.4306, -8.5323**.

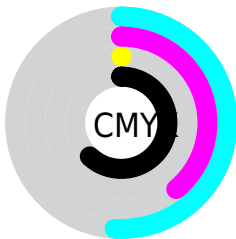
Distribution



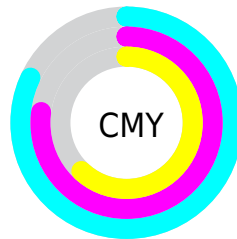
- Red (18%)
- Green (23%)
- Blue (38%)



- Red (18%)
- Yellow (22%)
- Blue (38%)



- Cyan (51%)
- Magenta (39%)
- Yellow (0%)
- Black (62%)



- Cyan (82%)
- Magenta (77%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 59.6300, 17.9304, -11.0765 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 59.6300, 17.9304, -11.0765 by changing the saturation by 10% instead.

■ 59.6300, 17.9304,
-11.0765

■ 59.6300, 17.9304,
-11.0765

■ 255.0000, 0.0000,
0.0000

■ 37.0920, 17.2096,
-13.2357

■ 107.6840, 19.3828,
-10.2469

■ 15.5650, 16.4835,
-13.6505

■ 133.0970, 19.6722,
-9.7321

■ 4.3660, 11.6516,
-3.8290

■ 159.3250, 20.5458,
-9.9320

■ 0.0000, 0.0000,
0.0000

■ 186.4390, 20.9826,
-10.0320

■ 214.2110, 20.1090,
-9.8320

■ 239.0190, 7.8786,

-7.0327

■ 59.6300, 17.9304,
-11.0765

■ 59.6300, 17.9304,
-11.0765

■ 52.5310, 21.4302,
-13.6207

■ 66.7290, 14.4306,
-8.5323

■ 45.7310, 24.7826,
-15.5501

■ 73.5290, 11.0782,
-6.6029

■ 38.0450, 28.5718,
-17.5795

■ 81.2150, 7.2890,
-4.5736

■ 31.2450, 31.9242,
-19.5089

■ 88.0150, 3.9366,
-2.6442

■ 25.0320, 34.9872,
-21.9531

■ 95.1140, 0.4368,
-0.1000

■ 102.2130, -3.0630,
2.4442

■ 109.6000, -6.7048,
3.8588

■ 116.6990,
-10.2046, 6.4030

■ 123.4990,
-13.5570, 8.3324

Harmonies

Analogous

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



49.0990, 23.1222, -43.0598



59.6300, 17.9304, -11.0765



62.4540, 11.6082, 10.1258

Triad

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



59.6300, 17.9304, -11.0765



60.5490, -12.5957, 26.7055



49.0080, 0.9821, -35.0870

Complementary

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



59.6300, 17.9304, -11.0765



83.3700, -17.9304, 11.0765

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.



55.4640, -10.5818, -12.6849



59.6300, 17.9304, -11.0765



59.2290, -17.3679, 17.3392

Square

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



59.6300, 17.9304, -11.0765



60.6340, -4.7496, 30.1390



57.5540, -17.0351, 3.8991



49.0700, 10.3185, -43.0344

Rectangle

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



59.6300, 17.9304, -11.0765



62.5540, 6.6289, 20.5621



57.5540, -17.0351, 3.8991



52.3960, -4.1392, -25.7803

Sweetspot

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



59.6300, 17.9304, -11.0765



111.1010, 6.8522, -4.4736



79.9810, 1.9814, -28.9243



55.1290, 4.3734, -2.7441



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



59.6300, 17.9304, -11.0765



68.2300, 27.9876, -16.8647



56.1740, 19.6342, 2.4784



45.0430, 1.4578, -0.9147



28.6170, 41.1078, -25.0971



61.9930, 87.7575, -54.3679

Inverse Universe

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



63.0190, -1.9814, 28.9243



73.7760, -3.3406, 44.9234



86.8260, -19.6342, -2.4784



45.3100, -0.1528, 2.3591



36.5660, -4.7160, 66.1556



78.4860, -9.6066, 141.6478

Previews

White Background



This preview shows how the YUV color 59.6300, 17.9304, -11.0765 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



This preview shows how the YUV color 59.6300, 17.9304, -11.0765 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

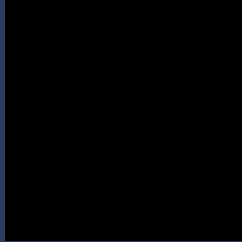
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 59.6300, 17.9304, -11.0765

Background



This preview shows how black text looks on a background with the YUV color 59.6300, 17.9304, -11.0765.



This preview shows how white text looks on a background with the YUV color 59.6300, 17.9304,

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

59.6300, 17.9304, -11.0765

Protanopia

59.3310, 18.0778, -11.6913

Deuteranopia

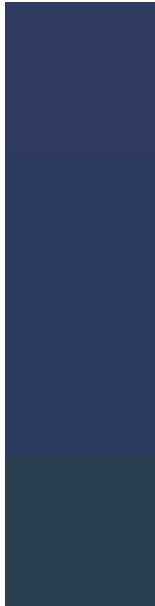
58.4230, 18.5255, -15.2800



Tritanopia

57.4970, 6.1640, -17.0989

Trichromacy



Original Color

59.6300, 17.9304, -11.0765

Protanomaly

59.3310, 18.0778, -11.6913

Deuteranomaly

59.0210, 18.2306, -14.0504

Tritanomaly

58.2460, 10.2317, -15.1247

Monochromacy



Original Color

59.6300, 17.9304, -11.0765

Achromatopsia

60.0000, 0.0000, 0.0000

Achromatomaly

59.9870, 6.4154, -4.3736

CSS Examples

Text

The CSS property to change the color of the text to YUV 59.6300, 17.9304, -11.0765 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(47, 59, 96)` looks like.

```
.text, #text, p{  
    color:rgb(47, 59, 96)  
}
```

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(47, 59, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 59, 96) }
```

Border

The CSS property to change the border of an element to YUV 59.6300, 17.9304, -11.0765 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(47, 59, 96) }
```


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

```
.border{ border-color:rgb(47, 59, 96) }
```

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

Here you see how a box with a 4 pixel rgb(47, 59, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 59, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 59, 96);  
box-shadow:4px 4px 4px 4px rgb(47, 59, 96)  
}
```

Background

The CSS property to change the background color of an element to YUV 59.6300, 17.9304, -11.0765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 59, 96) }
```

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

```
.background{ background-color: rgb(47, 59,  
96) }
```

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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