

Converting Colors

YUV(59.2880, 16.6200,
-10.7766)

Have a look what the booklet for
YUV(59.2880, 16.6200, -10.7766)
contains.

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Color

**YUV(59.2880, 16.6200,
-10.7766)**

Conversions

Conversions Part 1

Format	Color
Hex	2F3B5D
RGB	47, 59, 93
RGB Percent	18%, 23%, 36%
CMY	0.8157, 0.7686, 0.6353
CMYK	0.49, 0.37, 0.00, 0.64
HSL	224°, 33%, 27%
HSV	224°, 49%, 36%
XYZ	4.7120, 4.5226, 10.9805
YIQ	59.2880, -18.0660, 8.0300

Conversions

Conversions Part 2

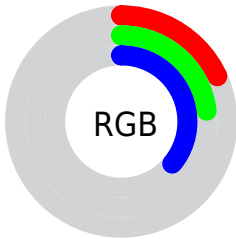
Format	Color
R_{YB}	47, 57, 93
Decimal	3095389
CIE _{Lab}	25.33, 5.54, -21.84
CIE _{LCh}	25, 22.528, 284.230
Yxy	4.5226, 0.2331, 0.2237
Android (android.graphics.Color)	4281285469 (0xFF2F3B5D)
YUV	59.2880, 16.6200, -10.7766
Hunter-Lab	21.2664, 2.3345, -15.7269

Details

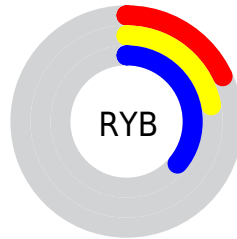
The YUV color **59.2880, 16.6200, -10.7766** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **80.7120, -16.6200, 10.7766**, and the grayscale version is **59.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **107.3420, 18.0724, -9.9469**, and **15.3370, 15.6099, -13.4505** is the 20% darker color. If you saturate the color by 10%, you get **52.4880, 19.9724, -12.7060**, and if you desaturate by 10%, it is **66.0880, 13.2676, -8.8472**.

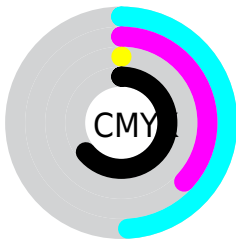
Distribution



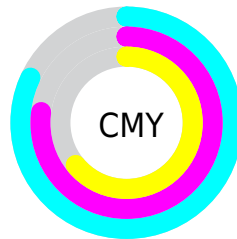
- Red (18%)
- Green (23%)
- Blue (36%)



- Red (18%)
- Yellow (22%)
- Blue (36%)



- Cyan (49%)
- Magenta (37%)
- Yellow (0%)
- Black (64%)



- Cyan (82%)
- Magenta (77%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 59.2880, 16.6200, -10.7766 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 59.2880, 16.6200, -10.7766 by changing the saturation by 10% instead.

■ 59.2880, 16.6200,
-10.7766

■ 59.2880, 16.6200,
-10.7766

■ 255.0000, 0.0000,
0.0000

■ 37.0490, 15.7518,
-12.3210

■ 107.3420, 18.0724,
-9.9469

■ 15.3370, 15.6099,
-13.4505

■ 132.4560, 18.5092,
-10.0469

■ 3.5510, 11.0674,
-3.1142

■ 158.8690, 18.7986,
-9.5321

■ 0.0000, 0.0000,
0.0000

■ 185.9830, 19.2354,
-9.6321

■ 213.7980, 19.8196,
-10.3468

■ 239.0190, 7.8786,

-7.0327

■ 59.2880, 16.6200,
-10.7766

■ 59.2880, 16.6200,
-10.7766

■ 52.4880, 19.9724,
-12.7060

■ 66.0880, 13.2676,
-8.8472

■ 45.3890, 23.4722,
-15.2502

■ 73.1870, 9.7678,
-6.3030

■ 38.5890, 26.8246,
-17.1796

■ 79.9870, 6.4154,
-4.3736

■ 32.3760, 29.8876,
-19.6238

■ 86.2000, 3.3524,
-1.9294

■ 25.5760, 33.2400,
-21.5532

■ 93.2990, -0.1474,
0.6148

■ 24.6900, 33.6768,
-21.6531

■ 100.0990, -3.4998,
2.5442

■ 106.8990, -6.8522,
4.4736

■ 113.6990,
-10.2046, 6.4030

■ 120.7980,
-13.7044, 8.9472

Harmonies

Analogous

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



49.6650, 21.3642, -39.1712



59.2880, 16.6200, -10.7766



61.7420, 11.4662, 8.9963

Triad

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



59.2880, 16.6200, -10.7766



60.1790, -11.4272, 25.2760



50.9980, -0.4920, -28.9392

Complementary

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



59.2880, 16.6200, -10.7766



80.7120, -16.6200, 10.7766

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.



55.8880, -10.2978, -10.4258



59.2880, 16.6200, -10.7766



59.2720, -15.9101, 16.4245

Square

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



59.2880, 16.6200, -10.7766



60.8510, -3.8705, 28.1947



58.1950, -15.8721, 4.2140



48.2550, 9.7343, -42.3196

Rectangle

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



59.2880, 16.6200, -10.7766



62.1300, 6.3449, 18.3030



58.1950, -15.8721, 4.2140



53.4180, -4.1501, -22.2916

Sweetspot

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



59.2880, 16.6200, -10.7766



106.9870, 6.4154, -4.3736



77.8780, 1.5391, -27.0800



53.0150, 3.9366, -2.6442



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



59.2880, 16.6200, -10.7766



68.2470, 25.5142, -16.8796



55.5330, 18.4712, 2.1636



42.7440, 1.6052, -1.5295



29.5630, 39.6554, -25.9268



63.4120, 85.5789, -55.6123

Inverse Universe

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



62.1220, -1.5391, 27.0800



72.3950, -2.1667, 41.7496



84.4670, -18.4712, -2.1636



42.7230, 0.1366, 2.8739



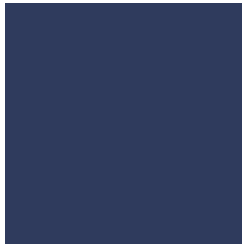
36.1960, -3.5476, 64.7261



77.9310, -7.8540, 139.5035

Previews

White Background



This preview shows how the YUV color 59.2880, 16.6200, -10.7766 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 59.2880, 16.6200, -10.7766 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

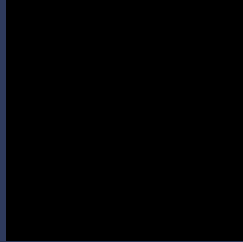
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 59.2880, 16.6200, -10.7766

Background



This preview shows how black text looks on a background with the YUV color 59.2880, 16.6200, -10.7766.



This preview shows how white text looks on a background with the YUV color 59.2880, 16.6200,

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

59.2880, 16.6200, -10.7766

Protanopia

59.5870, 16.4726, -10.1618

Deuteranopia

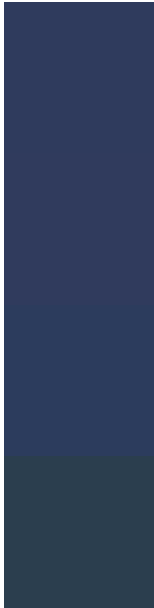
58.6790, 16.9203, -13.7505



Tritanopia

57.3940, 5.7218, -15.2545

Trichromacy



Original Color

59.2880, 16.6200, -10.7766

Protanomaly

59.5870, 16.4726, -10.1618

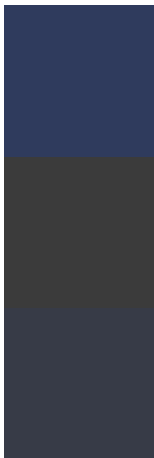
Deuteranomaly

58.9780, 16.7728, -13.1357

Tritanomaly

58.1430, 9.7895, -13.2804

Monochromacy



Original Color

59.2880, 16.6200, -10.7766

Achromatopsia

59.0000, 0.0000, 0.0000

Achromatomaly

59.1720, 5.8312, -3.6588

CSS Examples

Text

The CSS property to change the color of the text to YUV 59.2880, 16.6200, -10.7766 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, 93)` looks like.

```
.text, #text, p{  
    color:rgb(47, 59, 93)  
}
```

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, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 59, 93) }
```

Border

The CSS property to change the border of an element to YUV 59.2880, 16.6200, -10.7766 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, 93) }
```


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

```
.border{ border-color:rgb(47, 59, 93) }
```

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, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 59, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 59, 93);  
box-shadow:4px 4px 4px 4px rgb(47, 59, 93)  
}
```

Background

The CSS property to change the background color of an element to YUV 59.2880, 16.6200, -10.7766 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, 93) }
```

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

```
.background{ background-color: rgb(47, 59,  
93) }
```

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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