

Converting Colors

YUV(59.5330, 15.0202,
-10.9914)

Have a look what the booklet for
YUV(59.5330, 15.0202, -10.9914)
contains.

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Color

**YUV(59.5330, 15.0202,
-10.9914)**

Conversions

Conversions Part 1

Format	Color
Hex	2F3C5A
RGB	47, 60, 90
RGB Percent	18%, 24%, 35%
CMY	0.8157, 0.7647, 0.6471
CMYK	0.48, 0.33, 0.00, 0.65
HSL	222°, 31%, 27%
HSV	222°, 48%, 35%
XYZ	4.6336, 4.5742, 10.3116
YIQ	59.5330, -17.3780, 6.5740

Conversions

Conversions Part 2

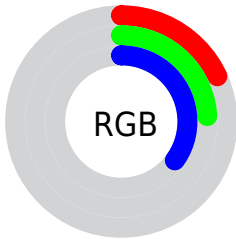
Format	Color
R_{YB}	47, 57, 90
Decimal	3095642
CIE _{Lab}	25.49, 3.84, -19.64
CIE _{LCh}	25, 20.007, 281.057
Yxy	4.5742, 0.2374, 0.2343
Android (android.graphics.Color)	4281285722 (0xFF2F3C5A)
YUV	59.5330, 15.0202, -10.9914
Hunter-Lab	21.3875, 1.2441, -13.6143

Details

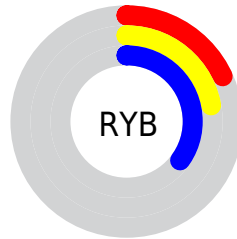
The YUV color **59.5330, 15.0202, -10.9914** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **77.4670, -15.0202, 10.9914**, and the grayscale version is **59.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **107.1740, 16.1832, -10.6766**, and **15.5820, 14.0101, -13.6654** is the 20% darker color. If you saturate the color by 10%, you get **53.3200, 18.0832, -13.4356**, and if you desaturate by 10%, it is **65.7460, 11.9572, -8.5472**.

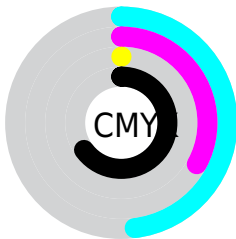
Distribution



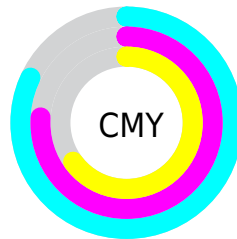
- Red (18%)
- Green (24%)
- Blue (35%)



- Red (18%)
- Yellow (22%)
- Blue (35%)



- Cyan (48%)
- Magenta (33%)
- Yellow (0%)
- Black (65%)



- Cyan (82%)
- Magenta (76%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 59.5330, 15.0202, -10.9914 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 59.5330, 15.0202, -10.9914 by changing the saturation by 10% instead.

■ 59.5330, 15.0202,
-10.9914

■ 59.5330, 15.0202,
-10.9914

■ 255.0000, 0.0000,
0.0000

■ 36.7070, 14.4414,
-12.0210

■ 107.1740, 16.1832,
-10.6766

■ 15.5820, 14.0101,
-13.6654

■ 132.7010, 16.9094,
-10.2618

■ 3.2090, 9.7570,
-2.8143

■ 158.8150, 17.3462,
-10.3618

■ 0.0000, 0.0000,
0.0000

■ 185.9290, 17.7830,
-10.4617

■ 213.9290, 17.7830,
-10.4617

■ 239.3070, 7.7366,

-8.1622

■ 59.5330, 15.0202,
-10.9914

■ 59.5330, 15.0202,
-10.9914

■ 53.3200, 18.0832,
-13.4356

■ 65.7460, 11.9572,
-8.5472

■ 46.5200, 21.4356,
-15.3650

■ 72.5460, 8.6048,
-6.6178

■ 40.3070, 24.4986,
-17.8092

■ 78.7590, 5.5418,
-4.1736

■ 34.0940, 27.5617,
-20.2534

■ 84.9720, 2.4788,
-1.7294

■ 27.8810, 30.6247,
-22.6976

■ 91.1850, -0.5842,
0.7148

■ 26.1090, 31.4983,
-22.8976

■ 97.9850, -3.9366,
2.6442

■ 104.1980, -6.9996,
5.0884

■ 110.4110,
-10.0626, 7.5326

■ 117.2110,
-13.4150, 9.4620

Harmonies

Analogous

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



53.3840, 17.5587, -31.9088



59.5330, 15.0202, -10.9914



61.7910, 10.4560, 6.3223

Triad

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



59.5330, 15.0202, -10.9914



60.6240, -9.6746, 23.1318



53.9880, -1.9661, -22.7915

Complementary

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



59.5330, 15.0202, -10.9914



77.4670, -15.0202, 10.9914

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.



56.7250, -9.7244, -7.6518



59.5330, 15.0202, -10.9914



59.8420, -13.7261, 15.9246

Square

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



59.5330, 15.0202, -10.9914



61.3560, -3.1335, 25.1208



58.6620, -14.1304, 5.5584



47.4400, 9.1501, -41.6049

Rectangle

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



59.5330, 15.0202, -10.9914



62.4070, 6.2083, 15.4291



58.6620, -14.1304, 5.5584



54.9240, -4.8925, -17.4733

Sweetspot

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



59.5330, 15.0202, -10.9914



105.7590, 5.5418, -4.1736



75.5470, 0.2233, -25.0357



51.9010, 3.4998, -2.5442



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



59.5330, 15.0202, -10.9914



69.9650, 23.1883, -17.5093



54.2940, 17.6031, 0.6192



42.7440, 1.6052, -1.5295



31.9110, 38.4979, -27.9859



69.2820, 82.6850, -60.7603

Inverse Universe

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



61.3390, -0.6601, 25.1357



72.4270, -0.7035, 39.0905



82.7060, -17.6031, -0.6192



42.7230, 0.1366, 2.8739



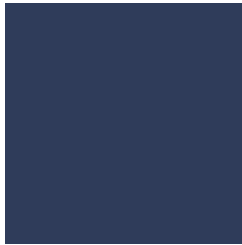
36.6520, -1.8004, 64.3262



79.0710, -3.4860, 138.5037

Previews

White Background



This preview shows how the YUV color 59.5330, 15.0202, -10.9914 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 59.5330, 15.0202, -10.9914 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 59.5330, 15.0202, -10.9914

Background



This preview shows how black text looks on a background with the YUV color 59.5330, 15.0202, -10.9914.



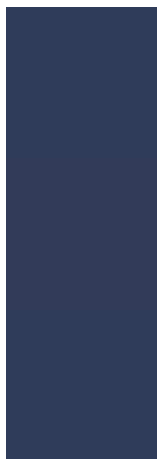
This preview shows how white text looks on a background with the YUV color 59.5330, 15.0202,

-10.9914.

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

59.5330, 15.0202, -10.9914

Protanopia

59.7290, 14.4306, -8.5323

Deuteranopia

59.5330, 15.0202, -10.9914



Tritanopia

57.6930, 5.5744, -14.6398

Trichromacy



Original Color

59.5330, 15.0202, -10.9914

Protanomaly

59.4300, 14.5780, -9.1471

Deuteranomaly

59.5330, 15.0202, -10.9914

Tritanomaly

58.6160, 9.0633, -13.6952

Monochromacy



Original Color

59.5330, 15.0202, -10.9914

Achromatopsia

60.0000, 0.0000, 0.0000

Achromatomaly

59.7590, 5.5418, -4.1736

CSS Examples

Text

The CSS property to change the color of the text to YUV 59.5330, 15.0202, -10.9914 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, 60, 90)` looks like.

```
.text, #text, p{  
    color:rgb(47, 60, 90)  
}
```

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, 60, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 60, 90) }
```

Border

The CSS property to change the border of an element to YUV 59.5330, 15.0202, -10.9914 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, 60, 90) }
```


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

```
.border{ border-color:rgb(47, 60, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 60, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 60, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 60, 90);  
box-shadow:4px 4px 4px 4px rgb(47, 60, 90)  
}
```

Background

The CSS property to change the background color of an element to YUV 59.5330, 15.0202, -10.9914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 60, 90) }
```

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

```
.background{ background-color: rgb(47, 60,  
90) }
```

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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