

Converting Colors

YUV(111.7590, 15.4018,
-40.1306)

Have a look what the booklet for
YUV(111.7590, 15.4018, -40.1306)
contains.

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Color

**YUV(111.7590, 15.4018,
-40.1306)**

Conversions

Conversions Part 1

Format	Color
Hex	42818F
RGB	66, 129, 143
RGB Percent	26%, 51%, 56%
CMY	0.7412, 0.4941, 0.4392
CMYK	0.54, 0.10, 0.00, 0.44
HSL	191°, 37%, 41%
HSV	191°, 54%, 56%
XYZ	15.0549, 18.8419, 28.8300
YIQ	111.7590, -42.0420, -9.0020

Conversions

Conversions Part 2

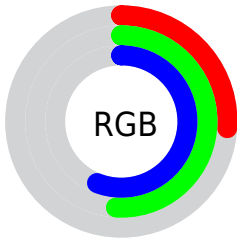
Format	Color
R _{YB}	66, 101, 143
Decimal	4358543
CIE _{Lab}	50.50, -16.11, -13.77
CIE _{LCh}	51, 21.196, 220.513
Yxy	18.8419, 0.2400, 0.3004
Android (android.graphics.Color)	4282548623 (0xFF42818F)
YUV	111.7590, 15.4018, -40.1306
Hunter-Lab	43.4073, -14.0536, -8.9937

Details

The YUV color **111.7590, 15.4018, -40.1306** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **97.2410, -15.4018, 40.1306**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.1720, 15.6912, -39.6158**, and **57.5620, 17.4709, -50.4819** is the 20% darker color. If you saturate the color by 10%, you get **105.8120, 18.3337, -47.1931**, and if you desaturate by 10%, it is **117.7060, 12.4699, -33.0682**.

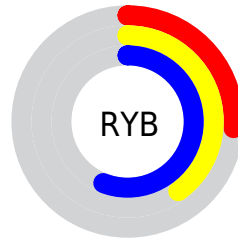
Distribution



Red (26%)

Green (51%)

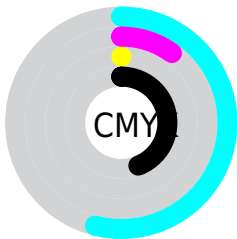
Blue (56%)



Red (26%)

Yellow (40%)

Blue (56%)

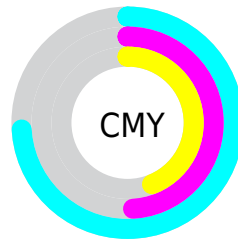


Cyan (54%)

Magenta (10%)

Yellow (0%)

Black (44%)



Cyan (74%)

Magenta (49%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.7590, 15.4018, -40.1306 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 111.7590, 15.4018, -40.1306 by changing the saturation by 10% instead.

■ 111.7590, 15.4018,
-40.1306

■ 111.7590, 15.4018,
-40.1306

■ 255.0000, 0.0000,
0.0000

■ 85.7480, 15.4072,
-41.8750

■ 165.1720, 15.6912,
-39.6158

■ 57.5620, 17.4709,
-50.4819

■ 192.8730, 15.8386,
-40.2306

■ 41.3250, 13.6438,
-36.2420

■ 220.8730, 15.8386,
-40.2306

■ 25.9030, 10.4008,
-22.7169

■ 239.7510, 7.5178,
-31.3536

■ 6.0130, 10.3466,
-5.2734

■ 248.4220, 3.2430,
-13.5251

■ 0.0000, 0.0000,
0.0000

■ 111.7590, 15.4018,
-40.1306

■ 111.7590, 15.4018,
-40.1306

■ 105.8120, 18.3337,
-47.1931

■ 117.7060, 12.4699,
-33.0682

■ 100.1530, 21.1236,
-55.3852

■ 123.3650, 9.6801,
-24.8761

■ 94.2060, 24.0554,
-62.4477

■ 129.3120, 6.7482,
-17.8136

■ 88.8460, 26.6979,
-70.0249

■ 134.6720, 4.1057,
-10.2363

■ 84.9810, 28.6034,
-74.5283

■ 140.9180, 1.0264,
-2.5591

■ 146.8650, -1.9054,
4.5034

■ 152.2250, -4.5479,
12.0807

■ 158.1720, -7.4798,

19.1432

 163.8310,
-10.2697, 27.3352

Harmonies

Analogous

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



111.3050, 7.2446, -37.1015



111.7590, 15.4018, -40.1306



115.1500, 19.1531, -29.9495

Triad

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



111.7590, 15.4018, -40.1306



122.8100, 5.0237, 22.0916



118.6900, -16.6092, 7.2879

Complementary

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



111.7590, 15.4018, -40.1306



97.2410, -15.4018, 40.1306

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.



120.4790, -16.5051, 20.6279



111.7590, 15.4018, -40.1306



122.4490, -4.1654, 29.4242

Square

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



111.7590, 15.4018, -40.1306



122.3720, 12.6346, 7.5668



121.7880, -11.7275, 28.2499



116.4430, -12.0504, -8.2815

Rectangle

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



111.7590, 15.4018, -40.1306



118.7000, 18.3889, -18.1539



121.7880, -11.7275, 28.2499



119.1960, -17.3516, 12.1061

Sweetspot

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



111.7590, 15.4018, -40.1306



174.0950, 5.8692, -15.8693



112.6810, -16.6047, -40.9392



86.8570, 3.5215, -9.5216



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



111.7590, 15.4018, -40.1306



136.9070, 24.2028, -63.0624



90.0400, 26.1093, -21.0831



68.3200, 1.3212, -3.7886



80.5470, 26.8453, -70.6397



4.4340, 1.7580, -3.8886

Inverse Universe

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



96.2050, 16.1679, 41.0392



112.4650, 25.4068, 64.4902



118.9600, -26.1093, 21.0831



66.7770, 1.5889, 3.7036



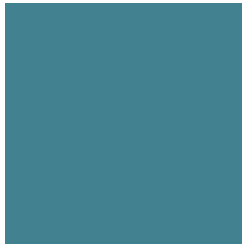
53.0190, 28.5846, 71.8973



3.0760, 1.4415, 4.3183

Previews

White Background



This preview shows how the YUV color 111.7590, 15.4018, -40.1306 looks on a white 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

Black Background



This preview shows how the YUV color 111.7590, 15.4018, -40.1306 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

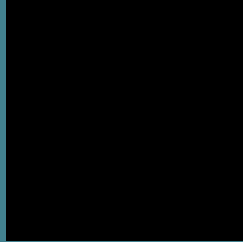
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 111.7590, 15.4018, -40.1306 Background



This preview shows how black text looks on a background with the YUV color 111.7590, 15.4018, -40.1306.



This preview shows how white text looks on a background with the YUV color 111.7590, 15.4018, -40.1306.

-40.1306.

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

111.7590, 15.4018, -40.1306

Protanopia

120.3400, 7.7204, -2.9292

Deuteranopia

120.6050, 12.5197, -2.2846



Tritanopia

111.1180, 14.2388, -40.4455

Trichromacy



Original Color

111.7590, 15.4018, -40.1306

Protanomaly

117.3490, 10.6739, -16.9691

Deuteranomaly

117.1580, 13.7261, -15.9246

Tritanomaly

111.2320, 14.6756, -40.5455

Monochromacy



Original Color

111.7590, 15.4018, -40.1306

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

111.6930, 5.5744, -14.6398

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.7590, 15.4018, -40.1306 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(66, 129, 143)` looks like.

```
.text, #text, p{  
    color:rgb(66, 129, 143)  
}
```

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(66, 129, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 129, 143) }
```

Border

The CSS property to change the border of an element to YUV 111.7590, 15.4018, -40.1306 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(66, 129, 143) }
```


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

```
.border{ border-color:rgb(66, 129, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 129, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 129, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 129, 143);  
box-shadow:4px 4px 4px 4px rgb(66, 129,  
143) }
```

Background

The CSS property to change the background color of an element to YUV 111.7590, 15.4018, -40.1306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 129, 143) }
```

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

```
.background{ background-color: rgb(66, 129,  
143) }
```

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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