

Converting Colors

YUV(118.1490, 7.3215,
-15.0397)

Have a look what the booklet for
YUV(118.1490, 7.3215, -15.0397)
contains.

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Color

**YUV(118.1490, 7.3215,
-15.0397)**

Conversions

Conversions Part 1

Format	Color
Hex	657C85
RGB	101, 124, 133
RGB Percent	40%, 49%, 52%
CMY	0.6039, 0.5137, 0.4784
CMYK	0.24, 0.07, 0.00, 0.48
HSL	197°, 14%, 46%
HSV	197°, 24%, 52%
XYZ	16.8081, 18.8755, 24.9477
YIQ	118.1490, -16.5970, -2.0770

Conversions

Conversions Part 2

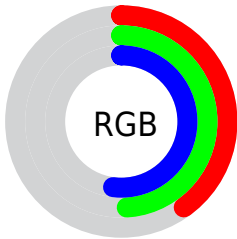
Format	Color
R_{YB}	101, 114, 133
Decimal	6651013
CIE Lab	50.54, -6.17, -7.66
CIE LCh	51, 9.831, 231.153
Yxy	18.8755, 0.2772, 0.3113
Android (android.graphics.Color)	4284841093 (0xFF657C85)
YUV	118.1490, 7.3215, -15.0397
Hunter-Lab	43.4459, -6.9732, -3.6337

Details

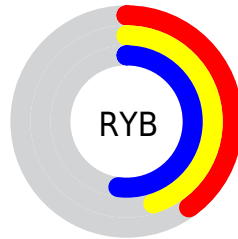
The YUV color **118.1490, 7.3215, -15.0397** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **115.8510, -7.3215, 15.0397**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.8500, 7.4689, -15.6545**, and **69.4480, 7.1741, -14.4249** is the 20% darker color. If you saturate the color by 10%, you get **111.9140, 10.3954, -20.9726**, and if you desaturate by 10%, it is **124.3840, 4.2477, -9.1068**.

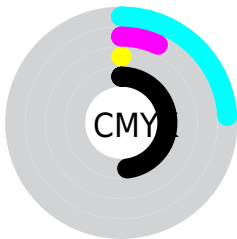
Distribution



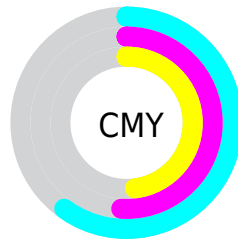
- Red (40%)
- Green (49%)
- Blue (52%)



- Red (40%)
- Yellow (45%)
- Blue (52%)



- Cyan (24%)
- Magenta (7%)
- Yellow (0%)
- Black (48%)



- Cyan (60%)
- Magenta (51%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.1490, 7.3215, -15.0397 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 118.1490, 7.3215, -15.0397 by changing the saturation by 10% instead.

■ 118.1490, 7.3215,
-15.0397

■ 118.1490, 7.3215,
-15.0397

■ 255.0000, 0.0000,
0.0000

■ 93.4480, 7.1741,
-14.4249

■ 170.8500, 7.4689,
-15.6545

■ 69.4480, 7.1741,
-14.4249

■ 197.6650, 8.0532,
-16.3692

■ 47.2200, 6.3005,
-14.2249

■ 225.6650, 8.0532,
-16.3692

■ 25.0350, 6.8847,
-14.9397

■ 249.3190, 2.8007,
-11.6808

■ 4.9870, 6.4154,
-4.3736

■ 0.0000, 0.0000,
0.0000

■ 118.1490, 7.3215,
-15.0397

■ 118.1490, 7.3215,
-15.0397

■ 111.9140, 10.3954,
-20.9726

■ 124.3840, 4.2477,
-9.1068

■ 105.9670, 13.3273,
-28.0351

■ 130.3310, 1.3158,
-2.0443

■ 99.7320, 16.4011,
-33.9680

■ 136.5660, -1.7580,
3.8886

■ 93.4970, 19.4750,
-39.9009

■ 142.8010, -4.8319,
9.8215

■ 86.9630, 22.6962,
-46.4486

■ 149.3350, -8.0532,
16.3692

■ 81.3150, 25.4807,
-52.8963

■ 154.9830,
-10.8376, 22.8169

■ 75.0800, 28.5546,
-58.8292

■ 161.2180,
-13.9115, 28.7498

■ 71.5140, 30.3126,

■ 167.4530,

-62.7178

-16.9853, 34.6827

 173.9870,
-20.2066, 41.2304

Harmonies

Analogous

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



117.3400, 4.2694, -16.0842



118.1490, 7.3215, -15.0397



119.5240, 8.6157, -10.1065

Triad

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



118.1490, 7.3215, -15.0397



122.1910, 0.3988, 12.1105



119.7630, -7.2782, 1.0848

Complementary

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



118.1490, 7.3215, -15.0397



115.8510, -7.3215, 15.0397

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.



120.5790, -8.1734, 8.2622



118.1490, 7.3215, -15.0397



121.8770, -3.3904, 14.1399

Square

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



118.1490, 7.3215, -15.0397



121.5970, 4.6357, 6.4924



121.0680, -6.4425, 13.0954



118.5170, -4.1989, -6.5924

Rectangle

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



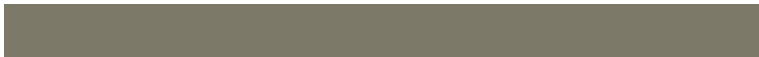
118.1490, 7.3215, -15.0397



120.4430, 8.1626, -4.7735



121.0680, -6.4425, 13.0954



119.9590, -7.8678, 3.5440

Sweetspot

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



118.1490, 7.3215, -15.0397



167.6510, 2.6371, -5.8329



120.8100, -5.3293, -17.3734



83.7330, 1.6106, -3.2738



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



118.1490, 7.3215, -15.0397



149.8320, 11.4218, -23.5317



108.7570, 11.9518, -6.8029



63.0320, 1.4632, -2.6591



69.4110, 29.8704, -60.8734



1.5160, 0.7316, -1.3295

Inverse Universe

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



113.1900, 5.3293, 17.3734



142.0540, 8.3544, 27.1396



125.2430, -11.9518, 6.8029



62.2500, 0.8628, 3.2888



49.4720, 21.4593, 70.6231



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 118.1490, 7.3215, -15.0397 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 118.1490, 7.3215, -15.0397 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

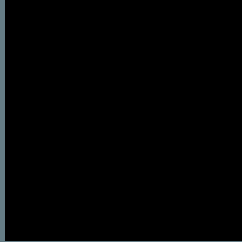
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 118.1490, 7.3215, -15.0397

Background



This preview shows how black text looks on a background with the YUV color 118.1490, 7.3215, -15.0397.



This preview shows how white text looks on a background with the YUV color 118.1490, 7.3215, -15.0397.

-15.0397.

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

118.1490, 7.3215, -15.0397

Protanopia

120.2540, 4.8048, -1.0998

Deuteranopia

121.3300, 6.2463, 3.2186



Tritanopia

118.2630, 7.7583, -15.1397

Trichromacy



Original Color

118.1490, 7.3215, -15.0397

Protanomaly

119.4490, 5.6946, -6.5328

Deuteranomaly

120.4000, 6.7048, -3.8588

Tritanomaly

118.2630, 7.7583, -15.1397

Monochromacy



Original Color

118.1490, 7.3215, -15.0397

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

117.9500, 2.4896, -5.2182

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.1490, 7.3215, -15.0397 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(101, 124, 133)` looks like.

```
.text, #text, p{  
    color:rgb(101, 124, 133)  
}
```

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(101, 124, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 124, 133) }
```

Border

The CSS property to change the border of an element to YUV 118.1490, 7.3215, -15.0397 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(101, 124, 133) }
```


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

```
.border{ border-color:rgb(101, 124, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 124, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 124, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 124, 133);  
box-shadow:4px 4px 4px 4px rgb(101, 124,  
133) }
```

Background

The CSS property to change the background color of an element to YUV 118.1490, 7.3215, -15.0397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 124, 133) }
```

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

```
.background{ background-color: rgb(101,  
124, 133) }
```

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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