

Converting Colors

YUV(115.8340, -11.7502,
-11.2554)

Have a look what the booklet for
YUV(115.8340, -11.7502, -11.2554)
contains.

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Color

**YUV(115.8340, -11.7502,
-11.2554)**

Conversions

Conversions Part 1

Format	Color
Hex	677F5C
RGB	103, 127, 92
RGB Percent	40%, 50%, 36%
CMY	0.5961, 0.5020, 0.6392
CMYK	0.19, 0.00, 0.28, 0.50
HSL	101°, 16%, 43%
HSV	101°, 28%, 50%
XYZ	15.1147, 18.8350, 12.9641
YIQ	115.8340, -3.0690, -15.9730

Conversions

Conversions Part 2

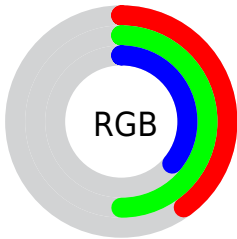
Format	Color
RYB	92, 127, 116
Decimal	6782812
CIELab	50.49, -15.72, 16.25
CIELCh	50, 22.613, 134.050
Yxy	18.8350, 0.3222, 0.4015
Android (android.graphics.Color)	4284972892 (0xFF677F5C)
YUV	115.8340, -11.7502, -11.2554
Hunter-Lab	43.3993, -13.7827, 12.6686

Details

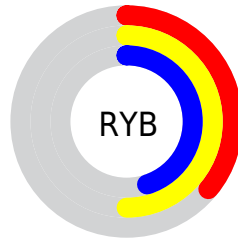
The YUV color **115.8340, -11.7502, -11.2554** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **103.1660, 11.7502, 11.2554**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.1930, -12.9131, -11.5703**, and **67.4750, -10.5872, -10.9406** is the 20% darker color. If you saturate the color by 10%, you get **111.6610, -16.1019, -15.4887**, and if you desaturate by 10%, it is **120.0070, -7.3985, -7.0221**.

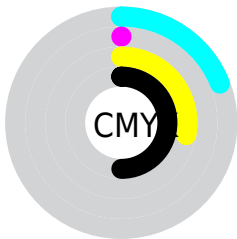
Distribution



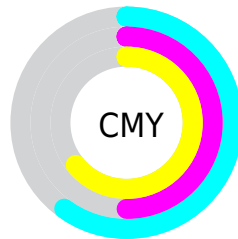
- Red (40%)
- Green (50%)
- Blue (36%)



- Red (36%)
- Yellow (50%)
- Blue (45%)



- Cyan (19%)
- Magenta (0%)
- Yellow (28%)
- Black (50%)



- Cyan (60%)
- Magenta (50%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.8340, -11.7502, -11.2554 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 115.8340, -11.7502, -11.2554 by changing the saturation by 10% instead.

■ 115.8340,
-11.7502, -11.2554

■ 115.8340,
-11.7502, -11.2554

■ 255.0000, 0.0000,
0.0000

■ 91.2470, -11.4608,
-10.7406

■ 168.1930,
-12.9131, -11.5703

■ 67.4750, -10.5872,
-10.9406

■ 195.1930,
-12.9131, -11.5703

■ 45.0020, -9.8610,
-10.5258

■ 223.3670,
-13.4919, -12.5999

■ 23.5570, -11.6136,
-8.3815

■ 246.3830,
-11.0348, -7.3519

■ 1.7610, -0.8682,
-1.5444

■ 254.7720, -0.8736,
0.2000

■ 0.0000, 0.0000,
0.0000

■ 115.8340,
-11.7502, -11.2554

■ 115.8340,
-11.7502, -11.2554

■ 111.6610,
-16.1019, -15.4887

■ 120.0070, -7.3985,
-7.0221

■ 107.9010,
-20.1642, -19.2072

■ 123.7670, -3.3361,
-3.3037

■ 103.7280,
-24.5159, -23.4405

■ 127.9400, 1.0156,
0.9296

■ 99.5550, -28.8676,
-27.6737

■ 132.1130, 5.3673,
5.1629

■ 95.4960, -32.7825,
-32.0070

■ 136.2860, 9.7190,
9.3962

■ 91.6220, -37.2816,
-35.6255

■ 140.0460, 13.7813,
13.1147

■ 87.4490, -41.6334,
-39.8588

■ 144.2190, 18.1330,
17.3479

■ 86.5090, -42.6489,

■ 148.3920, 22.4847,

-40.7884

21.5812

■ 152.1520, 26.5471,
25.2997

Harmonies

Analogous

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



118.4510, -17.4773, 5.7435



115.8340, -11.7502, -11.2554



112.9550, -1.9498, -28.0245

Triad

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



115.8340, -11.7502, -11.2554



115.4920, 20.4634, -30.2495



122.5310, -5.1918, 31.9833

Complementary

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



115.8340, -11.7502, -11.2554



103.1660, 11.7502, 11.2554

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.



123.1910, 3.8498, 25.2655



115.8340, -11.7502, -11.2554



120.3420, 18.0724, -9.9469

Square

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



115.8340, -11.7502, -11.2554



110.6060, 17.4492, -43.5045



122.6820, 12.4818, 9.9259



121.0440, -13.3327, 29.7794

Rectangle

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



115.8340, -11.7502, -11.2554



111.1370, 5.3555, -37.8311



122.6820, 12.4818, 9.9259



122.9160, -2.4236, 30.7687

Sweetspot

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



115.8340, -11.7502, -11.2554



161.7130, -4.7885, -4.1333



116.5530, -12.1046, 9.1620



81.2940, -2.6099, -2.8888



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



115.8340, -11.7502, -11.2554



148.3680, -18.4224, -17.8627



113.2290, -7.5079, -18.6178



61.7070, -2.3206, -2.3740



87.0960, -42.9383, -41.3032



0.0000, 0.0000, 0.0000

Inverse Universe

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



103.1660, 11.7502, 11.2554



128.6320, 18.4224, 17.8627



105.7710, 7.5079, 18.6178



59.2930, 2.3206, 2.3740



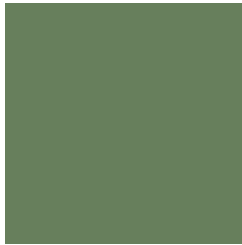
40.6050, 43.0857, 40.6884



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 115.8340, -11.7502, -11.2554 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 115.8340, -11.7502, -11.2554 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 115.8340, -11.7502, -11.2554 Background



This preview shows how black text looks on a background with the YUV color 115.8340, -11.7502, -11.2554.



This preview shows how white text looks on a background with the YUV color 115.8340, -11.7502, -11.2554.

-11.2554.

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

115.8340, -11.7502, -11.2554

Protanopia

119.1570, -14.8674, 8.6323

Deuteranopia

120.1950, -12.4211, 17.3690



Tritanopia

119.2530, 6.2843, -8.9919

Trichromacy



Original Color

115.8340, -11.7502, -11.2554

Protanomaly

118.3410, -13.9721, 1.4549

Deuteranomaly

118.5420, -12.0992, 7.4177

Tritanomaly

118.1190, -0.5517, -9.7514

Monochromacy



Original Color

115.8340, -11.7502, -11.2554

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

115.8270, -4.3517, -4.2333

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.8340, -11.7502, -11.2554 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(103, 127, 92)` looks like.

```
.text, #text, p{  
    color:rgb(103, 127, 92)  
}
```

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(103, 127, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 127, 92) }
```

Border

The CSS property to change the border of an element to YUV 115.8340, -11.7502, -11.2554 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(103, 127, 92) }
```


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

```
.border{ border-color:rgb(103, 127, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 127, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 127, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 127, 92);  
box-shadow:4px 4px 4px 4px rgb(103, 127,  
92) }
```

Background

The CSS property to change the background color of an element to YUV 115.8340, -11.7502, -11.2554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 127, 92) }
```

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

```
.background{ background-color: rgb(103,  
127, 92) }
```

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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