

Converting Colors

YUV(116.7090, -15.6325,
-26.0548)

Have a look what the booklet for
YUV(116.7090, -15.6325, -26.0548)
contains.

YUV(116.7090, -15.6325, -26.0548)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(116.7090, -15.6325,
-26.0548)**

Conversions

Conversions Part 1

Format	Color
Hex	578A55
RGB	87, 138, 85
RGB Percent	34%, 54%, 33%
CMY	0.6588, 0.4588, 0.6667
CMYK	0.37, 0.00, 0.38, 0.46
HSL	118°, 24%, 44%
HSV	118°, 38%, 54%
XYZ	14.6587, 20.8591, 11.8479
YIQ	116.7090, -13.3830, -27.2950

Conversions

Conversions Part 2

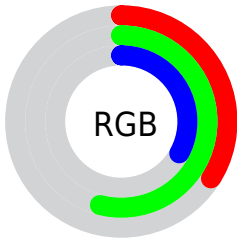
Format	Color
R_{YB}	85, 138, 136
Decimal	5737045
CIE _{Lab}	52.79, -28.39, 23.13
CIE _{LCh}	53, 36.622, 140.834
Yxy	20.8591, 0.3095, 0.4404
Android (android.graphics.Color)	4283927125 (0xFF578A55)
YUV	116.7090, -15.6325, -26.0548
Hunter-Lab	45.6717, -22.6347, 16.5895

Details

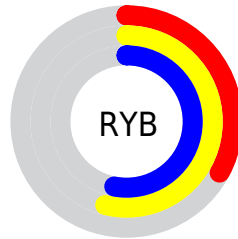
The YUV color **116.7090, -15.6325, -26.0548** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **106.2910, 15.6325, 26.0548**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.6550, -17.0849, -26.8844**, and **67.1650, -13.8853, -26.4547** is the 20% darker color. If you saturate the color by 10%, you get **111.2260, -19.8314, -32.6472**, and if you desaturate by 10%, it is **122.1920, -11.4337, -19.4624**.

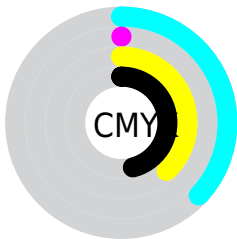
Distribution



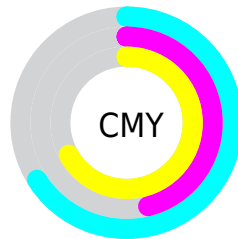
- Red (34%)
- Green (54%)
- Blue (33%)



- Red (33%)
- Yellow (54%)
- Blue (53%)



- Cyan (37%)
- Magenta (0%)
- Yellow (38%)
- Black (46%)



- Cyan (66%)
- Magenta (46%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.7090, -15.6325, -26.0548 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 116.7090, -15.6325, -26.0548 by changing the saturation by 10% instead.

■ 116.7090,
-15.6325, -26.0548

■ 116.7090,
-15.6325, -26.0548

■ 255.0000, 0.0000,
0.0000

■ 91.2360, -14.9063,
-25.6400

■ 169.6550,
-17.0849, -26.8844

■ 67.1650, -13.8853,
-26.4547

■ 197.2420,
-17.3743, -27.3992

■ 42.1970, -12.4221,
-29.1138

■ 225.1280,
-17.8111, -27.2993

■ 24.0670, -11.8650,
-21.1068

■ 240.8010,
-11.7339, -16.4885

■ 9.9790, -4.9196,
-8.7516

■ 252.6640, -3.7784,
-1.4593

■ 0.0000, 0.0000,
0.0000

■ 116.7090,
-15.6325, -26.0548

■ 116.7090,
-15.6325, -26.0548

■ 111.2260,
-19.8314, -32.6472

■ 122.1920,
-11.4337, -19.4624

■ 105.4440,
-23.8829, -39.8544

■ 127.9740, -7.3822,
-12.2552

■ 100.0750,
-27.6450, -46.5468

■ 133.3430, -3.6201,
-5.5628

■ 94.5920, -31.8439,
-53.1392

■ 138.8260, 0.5788,
1.0296

■ 89.1090, -36.0427,
-59.7316

■ 144.3090, 4.7777,
7.6220

■ 83.3270, -40.0942,
-66.9388

■ 150.0910, 8.8291,
14.8292

■ 82.5010, -40.6730,
-67.9684

■ 155.5740, 13.0280,
21.4216

■ 160.9430, 16.7901,

28.1140

■ 166.7250, 20.8416,
35.3212

Harmonies

Analogous

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



121.3830, -27.7968, 2.2951



116.7090, -15.6325, -26.0548



106.9290, 3.9790, -63.0817

Triad

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



116.7090, -15.6325, -26.0548



114.1650, 36.4007, -55.3957



126.8710, -10.7824, 51.8561

Complementary

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



116.7090, -15.6325, -26.0548



106.2910, 15.6325, 26.0548

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.



128.7250, 4.0796, 44.9682



116.7090, -15.6325, -26.0548



126.7900, 28.6975, -11.2168

Square

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



116.7090, -15.6325, -26.0548



101.4290, 35.7775, -88.9532



130.1380, 17.6800, 22.6810



126.0860, -23.7064, 43.7746

Rectangle

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



116.7090, -15.6325, -26.0548



98.9720, 18.7478, -86.7984



130.1380, 17.6800, 22.6810



127.5380, -5.6882, 51.2712

Sweetspot

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



116.7090, -15.6325, -26.0548



170.2130, -6.5140, -10.7108



130.1970, -22.2821, 6.8432



84.0440, -3.4727, -6.1776



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



116.7090, -15.6325, -26.0548



145.6180, -24.4617, -40.8840



118.8470, -4.8546, -29.6838



66.1090, -2.0257, -3.6036



79.5660, -39.2260, -65.3944



2.9350, -1.4470, -2.5740

Inverse Universe

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



106.2910, 15.6325, 26.0548



129.0830, 24.6091, 40.2692



104.1530, 4.8546, 29.6838



64.8910, 2.0257, 3.6036



53.4340, 39.2260, 65.3944



2.0650, 1.4470, 2.5740

Previews

White Background



This preview shows how the YUV color 116.7090, -15.6325, -26.0548 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 116.7090, -15.6325, -26.0548 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

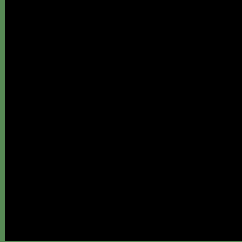
Any Text WCAG AA ✓ Pass

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 116.7090, -15.6325, -26.0548 Background



This preview shows how black text looks on a background with the YUV color 116.7090, -15.6325, -26.0548.



This preview shows how white text looks on a background with the YUV color 116.7090, -15.6325, -26.0548.

-26.0548.

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

116.7090, -15.6325, -26.0548

Protanopia

123.4580, -21.4248, 11.8763

Deuteranopia

125.1370, -17.8155, 20.9279



Tritanopia

122.3870, 9.6692, -21.3874

Trichromacy



Original Color

116.7090, -15.6325, -26.0548

Protanomaly

121.2390, -19.3448, -1.9636

Deuteranomaly

122.2550, -16.8877, 3.2844

Tritanomaly

120.5580, 0.2179, -23.2914

Monochromacy



Original Color

116.7090, -15.6325, -26.0548

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

117.0390, -5.9352, -9.6812

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.7090, -15.6325, -26.0548 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(87, 138, 85)` looks like.

```
.text, #text, p{  
    color:rgb(87, 138, 85)  
}
```

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(87, 138, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 138, 85) }
```

Border

The CSS property to change the border of an element to YUV 116.7090, -15.6325, -26.0548 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(87, 138, 85) }
```


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

```
.border{ border-color:rgb(87, 138, 85) }
```

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

Here you see how a box with a 4 pixel rgb(87, 138, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 138, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 138, 85);  
box-shadow:4px 4px 4px 4px rgb(87, 138,  
85) }
```

Background

The CSS property to change the background color of an element to YUV 116.7090, -15.6325, -26.0548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 138, 85) }
```

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

```
.background{ background-color: rgb(87, 138,  
85) }
```

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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