

Converting Colors

YUV(67.1200, -5.4822, -15.0142)

Have a look what the booklet for
YUV(67.1200, -5.4822, -15.0142)
contains.

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Color

**YUV(67.1200, -5.4822,
-15.0142)**

Conversions

Conversions Part 1

Format	Color
Hex	324E38
RGB	50, 78, 56
RGB Percent	20%, 31%, 22%
CMY	0.8039, 0.6941, 0.7804
CMYK	0.36, 0.00, 0.28, 0.69
HSL	133°, 22%, 25%
HSV	133°, 36%, 31%
XYZ	4.7536, 6.4124, 4.7286
YIQ	67.1200, -9.6260, -12.7780

Conversions

Conversions Part 2

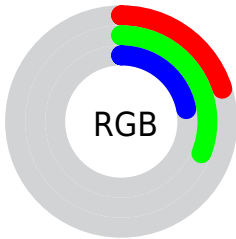
Format	Color
RYB	50, 73, 78
Decimal	3296824
CIELab	30.43, -15.91, 9.75
CIELCh	30, 18.662, 148.496
Yxy	6.4124, 0.2991, 0.4034
Android (android.graphics.Color)	4281486904 (0xFF324E38)
YUV	67.1200, -5.4822, -15.0142
Hunter-Lab	25.3227, -10.8067, 6.6546

Details

The YUV color **67.1200, -5.4822, -15.0142** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **60.8800, 5.4822, 15.0142**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **115.2940, -6.0609, -16.0438**, and **22.6470, -4.7560, -14.5994** is the 20% darker color. If you saturate the color by 10%, you get **64.0440, -6.9237, -19.3326**, and if you desaturate by 10%, it is **70.1960, -4.0406, -10.6959**.

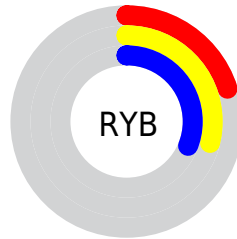
Distribution



Red (20%)

Green (31%)

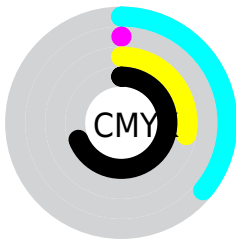
Blue (22%)



Red (20%)

Yellow (29%)

Blue (31%)

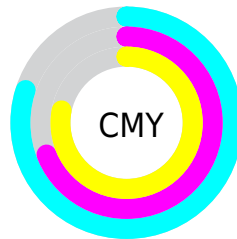


Cyan (36%)

Magenta (0%)

Yellow (28%)

Black (69%)



Cyan (80%)

Magenta (69%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.1200, -5.4822, -15.0142 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 67.1200, -5.4822, -15.0142 by changing the saturation by 10% instead.

■ 67.1200, -5.4822,
-15.0142

■ 67.1200, -5.4822,
-15.0142

255.0000, 0.0000,
0.0000

■ 44.5330, -5.1928,
-14.4994

■ 115.2940, -6.0609,
-16.0438

■ 22.6470, -4.7560,
-14.5994

■ 141.1800, -6.4977,
-15.9439

■ 1.7610, -0.8682,
-1.5444

■ 167.7670, -6.7871,
-16.4587

■ 0.0000, 0.0000,
0.0000

■ 195.0550, -6.9291,
-17.5882

■ 222.9410, -7.3659,
-17.4883

■ 245.7720, -4.3246,

-12.9550

■ 67.1200, -5.4822,
-15.0142

■ 67.1200, -5.4822,
-15.0142

■ 64.0440, -6.9237,
-19.3326

■ 70.1960, -4.0406,
-10.6959

■ 60.9680, -8.3652,
-23.6509

■ 73.2720, -2.5991,
-6.3775

■ 58.1910, -9.9542,
-27.3545

■ 76.0490, -1.0102,
-2.6740

■ 55.0010, -11.8325,
-31.5729

■ 79.2390, 0.8682,
1.5444

■ 51.9250, -13.2740,
-35.8912

■ 82.3150, 2.3097,
5.8627

■ 48.8490, -14.7156,
-40.2096

■ 85.3910, 3.7512,
10.1811

■ 47.7240, -15.1469,
-41.8539

■ 88.4670, 5.1928,
14.4994

■ 91.2440, 6.7817,
18.2030

■ 94.3200, 8.2232,
22.5214

Harmonies

Analogous

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



69.3020, -11.4879, -2.0189



67.1200, -5.4822, -15.0142



63.9210, 2.9969, -27.9947

Triad

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



67.1200, -5.4822, -15.0142



69.2010, 15.1839, -16.8393



73.0200, -6.9119, 23.6615

Complementary

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



67.1200, -5.4822, -15.0142



60.8800, 5.4822, 15.0142

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.



73.7300, -0.3599, 22.1618



67.1200, -5.4822, -15.0142



72.5020, 12.0775, -0.4403

Square

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



67.1200, -5.4822, -15.0142



64.5150, 15.5221, -32.0237



73.5100, 6.6506, 13.5847



71.6190, -12.1372, 19.6281

Rectangle

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



67.1200, -5.4822, -15.0142



62.0710, 8.8390, -35.1423



73.5100, 6.6506, 13.5847



72.8890, -4.8753, 23.7763

Sweetspot

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



67.1200, -5.4822, -15.0142



97.6850, -2.3097, -5.8627



73.0140, -11.3459, -0.8893



48.3370, -1.1521, -3.8035



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



67.1200, -5.4822, -15.0142



84.9680, -8.3652, -23.6509



68.7160, 0.6330, -16.4139



36.4620, -0.7208, -2.1592



62.3820, -19.9083, -54.7090



140.5960, -45.1568, -123.3027

Inverse Universe

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



60.8800, 5.4822, 15.0142



75.1460, 8.8020, 23.5510



59.2840, -0.6330, 16.4139



35.5380, 0.7208, 2.1592



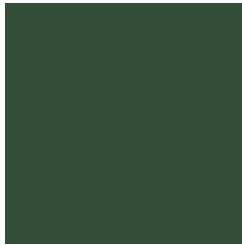
39.6180, 19.9083, 54.7090



89.2900, 44.7200, 123.4027

Previews

White Background



This preview shows how the YUV color 67.1200, -5.4822, -15.0142 looks on a white background.

Color Contrast Check

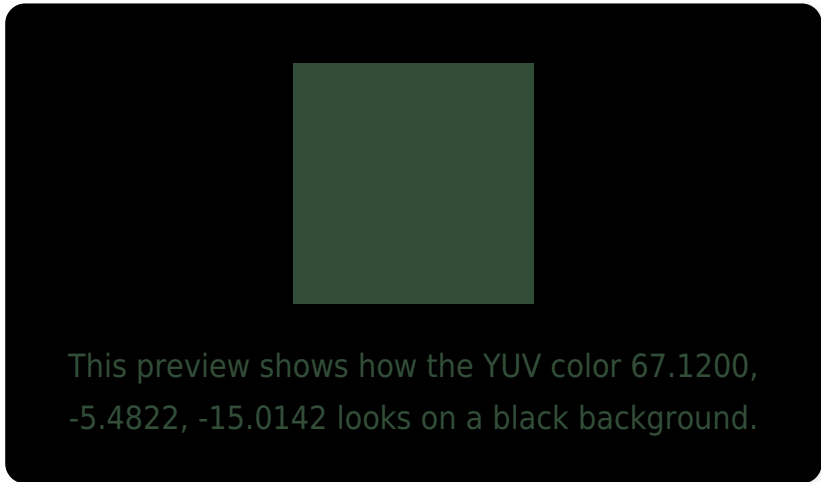
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

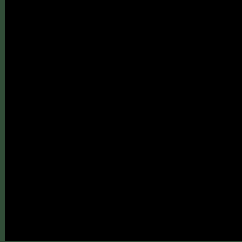
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

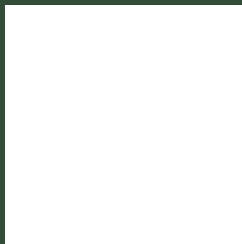
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 67.1200, -5.4822, -15.0142

Background



This preview shows how black text looks on a background with the YUV color 67.1200, -5.4822, -15.0142.



This preview shows how white text looks on a background with the YUV color 67.1200, -5.4822, -15.0142.

-15.0142.

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

67.1200, -5.4822, -15.0142

Protanopia

70.7420, -8.7468, 5.4883

Deuteranopia

71.9320, -6.8685, 9.7066



Tritanopia

69.7040, 5.5689, -12.8954

Trichromacy



Original Color

67.1200, -5.4822, -15.0142

Protanomaly

69.6270, -7.7041, -2.3039

Deuteranomaly

69.9910, -6.4046, 0.8849

Tritanomaly

68.6670, 1.6432, -13.7400

Monochromacy



Original Color

67.1200, -5.4822, -15.0142

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

67.0980, -2.0203, -5.3479

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.1200, -5.4822, -15.0142 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(50, 78, 56)` looks like.

```
.text, #text, p{  
    color:rgb(50, 78, 56)  
}
```

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(50, 78, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 78, 56) }
```

Border

The CSS property to change the border of an element to YUV 67.1200, -5.4822, -15.0142 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(50, 78, 56) }
```


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

```
.border{ border-color:rgb(50, 78, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 78, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 78, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 78, 56);  
box-shadow:4px 4px 4px 4px rgb(50, 78, 56)  
}
```

Background

The CSS property to change the background color of an element to YUV 67.1200, -5.4822, -15.0142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 78, 56) }
```

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

```
.background{ background-color: rgb(50, 78,  
56) }
```

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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