

Converting Colors

YUV(116.8720, -15.7129,
46.5933)

Have a look what the booklet for
YUV(116.8720, -15.7129, 46.5933)
contains.

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Color

**YUV(116.8720, -15.7129,
46.5933)**

Conversions

Conversions Part 1

Format	Color
Hex	AA6055
RGB	170, 96, 85
RGB Percent	67%, 38%, 33%
CMY	0.3333, 0.6235, 0.6667
CMYK	0.00, 0.44, 0.50, 0.33
HSL	8°, 33%, 50%
HSV	8°, 50%, 67%
XYZ	22.4001, 17.5677, 10.8046
YIQ	116.8720, 47.6350, 12.2670

Conversions

Conversions Part 2

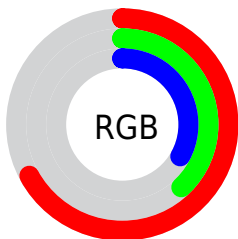
Format	Color
R_{YB}	170, 98, 85
Decimal	11165781
CIE Lab	48.97, 28.81, 19.42
CIE LCh	49, 34.746, 33.980
Yxy	17.5677, 0.4412, 0.3460
Android (android.graphics.Color)	4289355861 (0xFFAA6055)
YUV	116.8720, -15.7129, 46.5933
Hunter-Lab	41.9138, 22.0472, 14.0558

Details

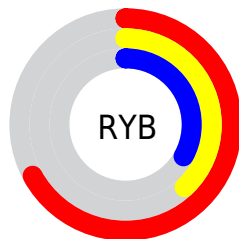
The YUV color **116.8720, -15.7129, 46.5933** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **138.1280, 15.7129, -46.5933**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.4380, -17.4709, 50.4819**, and **66.8220, -13.2232, 41.3751** is the 20% darker color. If you saturate the color by 10%, you get **106.1290, -18.7976, 56.0149**, and if you desaturate by 10%, it is **127.6150, -12.6282, 37.1716**.

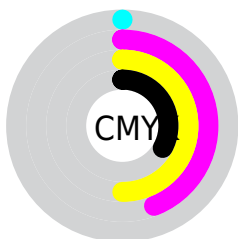
Distribution



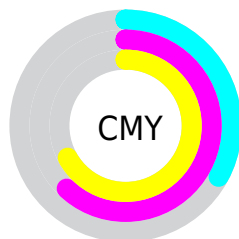
- Red (67%)
- Green (38%)
- Blue (33%)



- Red (67%)
- Yellow (38%)
- Blue (33%)



- Cyan (0%)
- Magenta (44%)
- Yellow (50%)
- Black (33%)



- Cyan (33%)
- Magenta (62%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.8720, -15.7129, 46.5933 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 116.8720, -15.7129, 46.5933 by changing the saturation by 10% instead.

■ 116.8720,
-15.7129, 46.5933

■ 116.8720,
-15.7129, 46.5933

■ 255.0000, 0.0000,
0.0000

■ 91.2030, -14.3971,
44.5490

■ 170.4380,
-17.4709, 50.4819

■ 66.8220, -13.2232,
41.3751

■ 197.3240,
-17.9077, 50.5819

■ 42.2670, -11.4706,
39.2308

■ 216.2510,
-13.9277, 33.9829

■ 18.2390, -8.9918,
37.5014

■ 236.4660,
-10.0897, 16.2543

■ 11.4760, -5.1647,
23.2615

■ 253.7460, -4.8048,
1.0998

■ 0.0000, 0.0000,
0.0000

■ 116.8720,
-15.7129, 46.5933

■ 116.8720,
-15.7129, 46.5933

■ 106.1290,
-18.7976, 56.0149

■ 127.6150,
-12.6282, 37.1716

■ 95.3860, -21.8823,
65.4365

■ 138.3580, -9.5435,
27.7500

■ 85.2300, -25.2564,
74.3433

■ 148.5140, -6.1694,
18.8432

■ 74.4870, -28.3411,
83.7649

■ 159.2570, -3.0847,
9.4216

■ 63.7440, -31.4258,
93.1865

■ 170.0000, 0.0000,
0.0000

■ 180.7430, 3.0847,
-9.4216

■ 191.4860, 6.1694,
-18.8432

■ 201.6420, 9.5435,

-27.7500

■ 212.3850, 12.6282,
-37.1716

Harmonies

Analogous

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



118.1290, -2.0356, 46.3679



116.8720, -15.7129, 46.5933



115.8630, -25.5685, 34.3231

Triad

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



116.8720, -15.7129, 46.5933



104.4070, -7.5957, -37.1909



111.6410, 31.2360, -32.1342

Complementary

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



116.8720, -15.7129, 46.5933



138.1280, 15.7129, -46.5933

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.



93.2280, 37.3556, -81.7610



116.8720, -15.7129, 46.5933



91.0500, 13.7794, -79.8508

Square

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



116.8720, -15.7129, 46.5933



110.2120, -21.7965, -8.9559



93.7690, 26.7359, -82.2354



118.6950, 22.8284, 4.6525

Rectangle

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



116.8720, -15.7129, 46.5933



114.6890, -28.4407, 22.1977



93.7690, 26.7359, -82.2354



107.1230, 33.4634, -46.5889

Sweetspot

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



116.8720, -15.7129, 46.5933



201.2150, -6.0220, 18.2284



118.9650, 20.2303, 44.7577



99.7410, -3.8163, 10.7511



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



116.8720, -15.7129, 46.5933



138.7460, -24.5248, 73.0138



140.9390, -27.5779, 25.4865



78.9790, -1.4686, 4.4034



55.4050, -27.3147, 81.2058



7.7410, -3.8163, 10.7511

Inverse Universe

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



138.1280, 15.7129, -46.5933



172.2540, 24.5248, -73.0138



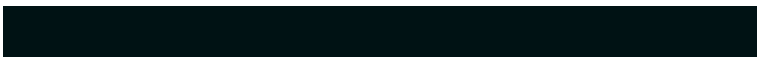
114.0610, 27.5779, -25.4865



81.0210, 1.4686, -4.4034



92.5950, 27.3147, -81.2058



12.8460, 3.5269, -11.2659

Previews

White Background



This preview shows how the YUV color 116.8720, -15.7129, 46.5933 looks on a white background.

Color Contrast Check

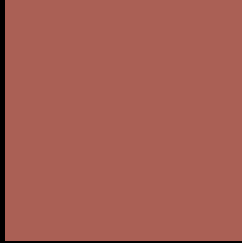
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 116.8720, -15.7129, 46.5933 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 116.8720, -15.7129, 46.5933

Background



This preview shows how black text looks on a background with the YUV color 116.8720, -15.7129, 46.5933.



This preview shows how white text looks on a background with the YUV color 116.8720, -15.7129,

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

116.8720, -15.7129, 46.5933

Protanopia

116.4710, -11.0782, 6.6029

Deuteranopia

116.6530, -17.0839, 19.5983



Tritanopia

117.8210, -8.2928, 46.6380

Trichromacy



Original Color

116.8720, -15.7129, 46.5933

Protanomaly

116.5160, -12.5794, 21.4725

Deuteranomaly

116.5340, -16.5323, 29.3497

Tritanomaly

117.7240, -11.2029, 46.7231

Monochromacy



Original Color

116.8720, -15.7129, 46.5933

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

116.6170, -5.7272, 16.9989

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.8720, -15.7129, 46.5933 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(170, 96, 85)` looks like.

```
.text, #text, p{  
    color:rgb(170, 96, 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(170, 96, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 96, 85) }
```

Border

The CSS property to change the border of an element to YUV 116.8720, -15.7129, 46.5933 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(170, 96, 85) }
```


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

```
.border{ border-color:rgb(170, 96, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 96, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 96, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 96, 85);  
box-shadow:4px 4px 4px 4px rgb(170, 96,  
85) }
```

Background

The CSS property to change the background color of an element to YUV 116.8720, -15.7129, 46.5933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 96, 85) }
```

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

```
.background{ background-color: rgb(170, 96,  
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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