

Converting Colors

YUV(116.0370, -16.2872,
-2.6634)

Have a look what the booklet for
YUV(116.0370, -16.2872, -2.6634)
contains.

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Color

**YUV(116.0370, -16.2872,
-2.6634)**

Conversions

Conversions Part 1

Format	Color
Hex	717C53
RGB	113, 124, 83
RGB Percent	44%, 49%, 33%
CMY	0.5569, 0.5137, 0.6745
CMYK	0.09, 0.00, 0.33, 0.51
HSL	76°, 20%, 41%
HSV	76°, 33%, 49%
XYZ	15.5790, 18.5505, 10.9431
YIQ	116.0370, 6.6050, -15.0830

Conversions

Conversions Part 2

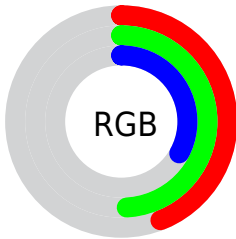
Format	Color
RYB	83, 124, 94
Decimal	7437395
CIELab	50.16, -11.53, 21.08
CIElCh	50, 24.022, 118.672
Yxy	18.5505, 0.3456, 0.4116
Android (android.graphics.Color)	4285627475 (0xFF717C53)
YUV	116.0370, -16.2872, -2.6634
Hunter-Lab	43.0703, -10.8076, 15.0851

Details

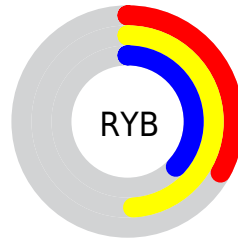
The YUV color **116.0370, -16.2872, -2.6634** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **90.9630, 16.2872, 2.6634**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.3960, -17.4502, -2.9783**, and **67.3790, -14.9768, -2.9634** is the 20% darker color. If you saturate the color by 10%, you get **113.7720, -21.0866, -3.3080**, and if you desaturate by 10%, it is **118.3020, -11.4879, -2.0189**.

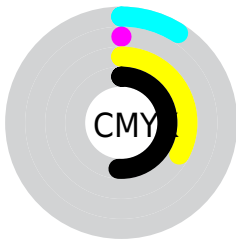
Distribution



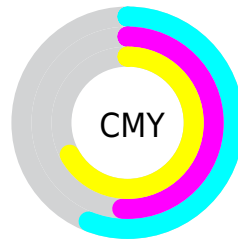
- Red (44%)
- Green (49%)
- Blue (33%)



- Red (33%)
- Yellow (49%)
- Blue (37%)



- Cyan (9%)
- Magenta (0%)
- Yellow (33%)
- Black (51%)



- Cyan (56%)
- Magenta (51%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.0370, -16.2872, -2.6634 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 116.0370, -16.2872, -2.6634 by changing the saturation by 10% instead.

■ 116.0370,
-16.2872, -2.6634

■ 116.0370,
-16.2872, -2.6634

■ 255.0000, 0.0000,
0.0000

■ 91.2650, -15.4136,
-2.8634

■ 168.3960,
-17.4502, -2.9783

■ 67.3790, -14.9768,
-2.9634

■ 195.5810,
-18.0344, -2.2635

■ 45.4930, -14.5400,
-3.0634

■ 223.4670,
-18.4712, -2.1636

■ 24.7750, -12.2141,
-2.4337

■ 248.5320,
-17.0243, 0.4104

■ 0.5870, -0.2894,
-0.5148

■ 253.5180, -5.6784,
1.2997

■ 0.0000, 0.0000,
0.0000

■ 116.0370,
-16.2872, -2.6634

■ 116.0370,
-16.2872, -2.6634

■ 113.7720,
-21.0866, -3.3080

■ 118.3020,
-11.4879, -2.0189

■ 111.0940,
-26.1753, -4.4674

■ 120.9800, -6.3991,
-0.8595

■ 108.8290,
-30.9747, -5.1120

■ 123.2450, -1.5998,
-0.2149

■ 106.4500,
-36.2108, -5.6566

■ 125.6240, 3.6364,
0.3298

■ 103.8860,
-40.8628, -6.9160

■ 128.1880, 8.2883,
1.5891

■ 101.6210,
-45.6622, -7.5606

■ 130.4530, 13.0877,
2.2337

■ 99.9970, -49.2985,
-7.8904

■ 132.8320, 18.3238,
2.7783

■ 135.3960, 22.9758,

4.0377

■ 137.7750, 28.2119,
4.5823

Harmonies

Analogous

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



118.2240, -19.8304, 13.8356



116.0370, -16.2872, -2.6634



112.8050, -7.7919, -20.8770

Triad

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



116.0370, -16.2872, -2.6634



110.9420, 21.2276, -42.0451



122.0840, -0.5344, 31.4983

Complementary

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



116.0370, -16.2872, -2.6634



90.9630, 16.2872, 2.6634

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.



122.8250, 8.9603, 19.4475



116.0370, -16.2872, -2.6634



117.0630, 21.1679, -22.8573

Square

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



116.0370, -16.2872, -2.6634



107.5900, 14.9921, -48.7524



120.7670, 16.8769, 0.2043



120.9890, -9.8546, 34.2126

Rectangle

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



116.0370, -16.2872, -2.6634



110.7910, 0.1030, -33.1427



120.7670, 16.8769, 0.2043



122.5720, 2.6760, 28.4394

Sweetspot

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



116.0370, -16.2872, -2.6634



157.6810, -6.2517, -1.4742



101.7160, -9.2270, 19.5431



79.9630, -3.9258, -0.8446



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



116.0370, -16.2872, -2.6634



148.2080, -25.7385, -4.5674



110.0570, -13.3391, -14.9590



60.0170, -2.4734, -0.0149



100.5840, -49.5879, -8.4052



203.2390, -100.1968, -15.9956

Inverse Universe

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



90.9630, 16.2872, 2.6634



108.7920, 25.7385, 4.5674



96.9430, 13.3391, 14.9590



56.2820, 2.3260, 0.6297



24.4160, 49.5879, 8.4052



49.0600, 100.0494, 16.6104

Previews

White Background



This preview shows how the YUV color 116.0370, -16.2872, -2.6634 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 116.0370, -16.2872, -2.6634 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

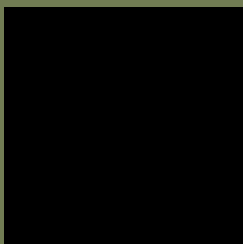
Any Text WCAG AA ✓ Pass

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 116.0370, -16.2872, -2.6634 Background



This preview shows how black text looks on a background with the YUV color 116.0370, -16.2872, -2.6634.



This preview shows how white text looks on a background with the YUV color 116.0370, -16.2872,

-2.6634.

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

116.0370, -16.2872, -2.6634

Protanopia

117.6580, -18.0724, 9.9469

Deuteranopia

119.0660, -16.7945, 20.1131



Tritanopia

119.4390, 4.2206, -0.3850

Trichromacy



Original Color

116.0370, -16.2872, -2.6634

Protanomaly

117.1520, -17.3299, 5.1287

Deuteranomaly

118.0110, -16.7674, 11.3914

Tritanomaly

118.1910, -3.0522, -1.0445

Monochromacy



Original Color

116.0370, -16.2872, -2.6634

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

116.0940, -5.9623, -0.9594

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.0370, -16.2872, -2.6634 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(113, 124, 83)` looks like.

```
.text, #text, p{  
    color:rgb(113, 124, 83)  
}
```

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(113, 124, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 124, 83) }
```

Border

The CSS property to change the border of an element to YUV 116.0370, -16.2872, -2.6634 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(113, 124, 83) }
```


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

```
.border{ border-color:rgb(113, 124, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 124, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 124, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 124, 83);  
box-shadow:4px 4px 4px 4px rgb(113, 124,  
83) }
```

Background

The CSS property to change the background color of an element to YUV 116.0370, -16.2872, -2.6634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 124, 83) }
```

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

```
.background{ background-color: rgb(113,  
124, 83) }
```

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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