

Converting Colors

YUV(106.1950, -15.8721,
4.2140)

Have a look what the booklet for
YUV(106.1950, -15.8721, 4.2140)
contains.

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Color

**YUV(106.1950, -15.8721,
4.2140)**

Conversions

Conversions Part 1

Format	Color
Hex	6F6E4A
RGB	111, 110, 74
RGB Percent	44%, 43%, 29%
CMY	0.5647, 0.5686, 0.7098
CMYK	0.00, 0.01, 0.33, 0.56
HSL	58°, 20%, 36%
HSV	58°, 33%, 44%
XYZ	13.3675, 15.0258, 8.6743
YIQ	106.1950, 12.1520, -10.9840

Conversions

Conversions Part 2

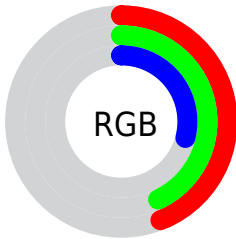
Format	Color
RYB	75, 111, 74
Decimal	7302730
CIELab	45.67, -5.80, 20.27
CIELCh	46, 21.082, 105.959
Yxy	15.0258, 0.3606, 0.4054
Android (android.graphics.Color)	4285492810 (0xFF6F6E4A)
YUV	106.1950, -15.8721, 4.2140
Hunter-Lab	38.7631, -6.2795, 13.8664

Details

The YUV color **106.1950, -15.8721, 4.2140** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **78.8050, 15.8721, -4.2140**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.2660, -16.8931, 5.0287**, and **58.8250, -14.7037, 2.7845** is the 20% darker color. If you saturate the color by 10%, you get **104.9410, -20.6769, 5.3137**, and if you desaturate by 10%, it is **107.4490, -11.0674, 3.1142**.

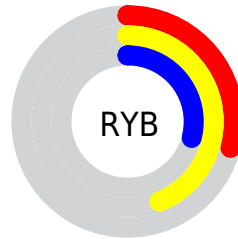
Distribution



Red (44%)

Green (43%)

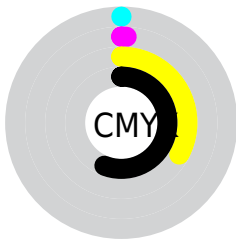
Blue (29%)



Red (29%)

Yellow (44%)

Blue (29%)

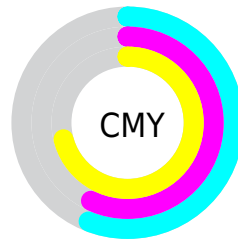


Cyan (0%)

Magenta (1%)

Yellow (33%)

Black (56%)



Cyan (56%)

Magenta (57%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 106.1950, -15.8721, 4.2140 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 106.1950, -15.8721, 4.2140 by changing the saturation by 10% instead.

■ 106.1950,
-15.8721, 4.2140

■ 106.1950,
-15.8721, 4.2140

■ 255.0000, 0.0000,
0.0000

■ 82.0100, -15.2879,
3.4992

■ 157.2660,
-16.8931, 5.0287

■ 58.8250, -14.7037,
2.7845

■ 184.4510,
-17.4773, 5.7435

■ 36.7110, -15.1405,
2.8845

■ 212.3370,
-17.9141, 5.8435

■ 17.1110, -8.4357,
-0.9743

■ 240.8100,
-18.6403, 5.4286

■ 0.0000, 0.0000,
0.0000

■ 252.2640,
-10.4832, 2.3995

■ 106.1950,
-15.8721, 4.2140

■ 106.1950,
-15.8721, 4.2140

■ 104.9410,
-20.6769, 5.3137

■ 107.4490,
-11.0674, 3.1142

■ 103.1000,
-25.1923, 6.9283

■ 109.2900, -6.5520,
1.4997

■ 101.8460,
-29.9971, 8.0281

■ 110.5440, -1.7472,
0.3999

■ 100.5920,
-34.8019, 9.1278

■ 111.7980, 3.0576,
-0.6998

■ 99.3380, -39.6066,
10.2276

■ 113.7530, 8.0098,
-2.4144

■ 97.3830, -44.5588,
11.9421

■ 115.0070, 12.8145,
-3.5141

■ 96.5850, -47.6164,
12.6420

■ 116.2610, 17.6193,
-4.6139

■ 117.5150, 22.4241,

-5.7137

■ 119.3560, 26.9395,
-7.3282

Harmonies

Analogous

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



107.7560, -16.6417, 17.7540



106.1950, -15.8721, 4.2140



104.1760, -10.4398, -11.5554

Triad

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



106.1950, -15.8721, 4.2140



99.6990, 16.4174, -39.2010



110.9520, 2.9817, 23.7211

Complementary

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



106.1950, -15.8721, 4.2140



78.8050, 15.8721, -4.2140

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.



110.3400, 11.1714, 10.2258



106.1950, -15.8721, 4.2140



103.7590, 18.8528, -26.9756

Square

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



106.1950, -15.8721, 4.2140



99.0490, 8.8498, -38.6310



108.5980, 16.4672, -8.4174



110.1070, -5.4758, 29.7242

Rectangle

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



106.1950, -15.8721, 4.2140



102.3040, -4.5869, -22.1916



108.5980, 16.4672, -8.4174



111.0270, 5.9027, 20.1473

Sweetspot

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



106.1950, -15.8721, 4.2140



143.4040, -6.1152, 1.3997



85.1770, -5.0173, 22.6468



72.9740, -3.9312, 0.8998



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



106.1950, -15.8721, 4.2140



137.8010, -25.0449, 6.3135



101.6990, -13.6556, -6.7520



55.3160, -2.6208, 0.5999



104.5590, -51.5476, 13.5418



215.3200, -106.1528, 27.7834

Inverse Universe

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



78.8050, 15.8721, -4.2140



94.7860, 24.7555, -6.8283



83.3010, 13.6556, 6.7520



51.2710, 2.3314, -1.1147



15.4410, 51.5476, -13.5418



32.2670, 105.8634, -28.2982

Previews

White Background



This preview shows how the YUV color 106.1950, -15.8721, 4.2140 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 106.1950, -15.8721, 4.2140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

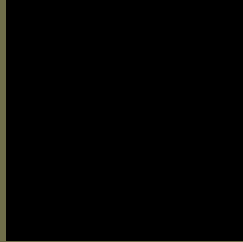
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 106.1950, -15.8721, 4.2140

Background



This preview shows how black text looks on a background with the YUV color 106.1950, -15.8721, 4.2140.



This preview shows how white text looks on a background with the YUV color 106.1950, -15.8721,

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

106.1950, -15.8721, 4.2140

Protanopia

106.7010, -16.6146, 9.0322

Deuteranopia

107.5820, -16.0629, 18.7836



Tritanopia

109.2010, 1.8729, 5.9627

Trichromacy



Original Color

106.1950, -15.8721, 4.2140

Protanomaly

106.6900, -16.6092, 7.2879

Deuteranomaly

107.2500, -15.8992, 12.9358

Tritanomaly

108.1810, -4.5262, 5.1033

Monochromacy



Original Color

106.1950, -15.8721, 4.2140

Achromatopsia

106.0000, 0.0000, 0.0000

Achromatomaly

105.8170, -5.8258, 1.9145

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.1950, -15.8721, 4.2140 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(111, 110, 74)` looks like.

```
.text, #text, p{  
    color:rgb(111, 110, 74)  
}
```

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(111, 110, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 110, 74) }
```

Border

The CSS property to change the border of an element to YUV 106.1950, -15.8721, 4.2140 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(111, 110, 74) }
```


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

```
.border{ border-color:rgb(111, 110, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 110, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 110, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 110, 74);  
box-shadow:4px 4px 4px 4px rgb(111, 110,  
74) }
```

Background

The CSS property to change the background color of an element to YUV 106.1950, -15.8721, 4.2140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 110, 74) }
```

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

```
.background{ background-color: rgb(111,  
110, 74) }
```

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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