

Converting Colors

YUV(116.4410, 34.7856,
-3.8948)

Have a look what the booklet for
YUV(116.4410, 34.7856, -3.8948)
contains.

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Color

**YUV(116.4410, 34.7856,
-3.8948)**

Conversions

Conversions Part 1

Format	Color
Hex	7069BB
RGB	112, 105, 187
RGB Percent	44%, 41%, 73%
CMY	0.5608, 0.5882, 0.2667
CMYK	0.40, 0.44, 0.00, 0.27
HSL	245°, 38%, 57%
HSV	245°, 44%, 73%
XYZ	20.7033, 17.1358, 49.2301
YIQ	116.4410, -22.1500, 26.9860

Conversions

Conversions Part 2

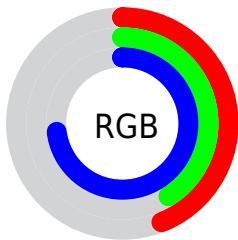
Format	Color
R _{YB}	112, 105, 187
Decimal	7367099
CIE Lab	48.43, 23.12, -42.42
CIE LCh	48, 48.310, 298.596
Yxy	17.1358, 0.2378, 0.1968
Android (android.graphics.Color)	4285557179 (0xFF7069BB)
YUV	116.4410, 34.7856, -3.8948
Hunter-Lab	41.3954, 16.8324, -41.5348

Details

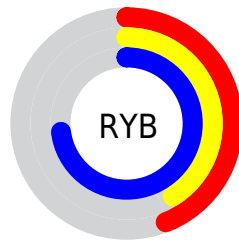
The YUV color **116.4410, 34.7856, -3.8948** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **175.5590, -34.7856, 3.8948**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.3210, 36.8167, -2.0355**, and **66.5500, 32.7599, -7.4983** is the 20% darker color. If you saturate the color by 10%, you get **100.2050, 42.7899, -4.5648**, and if you desaturate by 10%, it is **132.6770, 26.7812, -3.2247**.

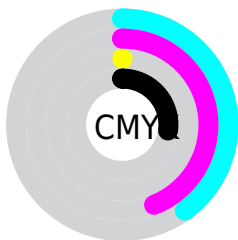
Distribution



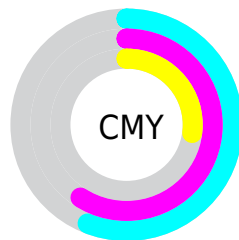
- Red (44%)
- Green (41%)
- Blue (73%)



- Red (44%)
- Yellow (41%)
- Blue (73%)



- Cyan (40%)
- Magenta (44%)
- Yellow (0%)
- Black (27%)



- Cyan (56%)
- Magenta (59%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.4410, 34.7856, -3.8948 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 116.4410, 34.7856, -3.8948 by changing the saturation by 10% instead.

■ 116.4410, 34.7856,
-3.8948

■ 116.4410, 34.7856,
-3.8948

255.0000, 0.0000,
0.0000

■ 91.2020, 33.9174,
-5.4392

■ 169.3210, 36.8167,
-2.0355

■ 66.5500, 32.7599,
-7.4983

■ 194.7960, 29.6806,
0.1789

■ 42.0010, 32.0445,
-11.4019

■ 219.9030, 17.3028,
3.5931

■ 18.8540, 31.6240,
-16.5350

■ 245.0100, 4.9251,
7.0072

■ 6.7260, 25.7711,
-5.8987

■ 5.2780, 15.1459,
-4.6288

■ 1.4820, 5.6784,

-1.2997

■ 0.0000, 0.0000,
0.0000

■ 116.4410, 34.7856,
-3.8948

■ 116.4410, 34.7856,
-3.8948

■ 100.2050, 42.7899,
-4.5648

■ 132.6770, 26.7812,
-3.2247

■ 84.5560, 50.5049,
-5.7496

■ 148.3260, 19.0663,
-2.0399

■ 68.3200, 58.5092,
-6.4196

■ 164.5620, 11.0619,
-1.3699

■ 52.0840, 66.5136,
-7.0897

■ 180.7980, 3.0576,
-0.6998

■ 36.1360, 74.3760,
-8.8893

■ 197.3330, -5.0942,
0.5850

■ 26.1020, 79.3227,
-8.8595

■ 212.9820,
-12.8091, 1.7698

■ 229.2180,
-20.8135, 2.4398

■ 245.4540,
-28.8178, 3.1098

■ 247.2480,
-29.7023, 6.7985

Harmonies

Analogous

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



92.8980, 51.3223, -81.4715



116.4410, 34.7856, -3.8948



118.4050, 19.5203, 39.1098

Triad

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



116.4410, 34.7856, -3.8948



112.6000, -33.3268, 49.4628



91.4260, 10.1430, -80.1806

Complementary

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



116.4410, 34.7856, -3.8948



175.5590, -34.7856, 3.8948

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.



96.2390, -12.9358, -51.0756



116.4410, 34.7856, -3.8948



109.8560, -41.8340, 24.6823

Square

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



116.4410, 34.7856, -3.8948



112.9390, -17.2249, 64.9515



106.3080, -34.1688, -7.2861



96.1000, 28.0517, -84.2797

Rectangle

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



116.4410, 34.7856, -3.8948



115.5400, 8.1148, 57.4084



106.3080, -34.1688, -7.2861



89.7160, 3.5910, -78.6809

Sweetspot

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



116.4410, 34.7856, -3.8948



215.1320, 13.2459, -1.8698



158.3730, 14.1131, -46.8081



105.4650, 8.1518, -1.2848



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



116.4410, 34.7856, -3.8948



131.8810, 54.2887, -6.0346



128.7000, 28.7419, 21.3111



86.3250, 3.7838, -0.2850



21.8990, 67.0978, -7.8044



4.4310, 13.0985, -1.2550

Inverse Universe

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



138.0680, 20.6725, 42.9134



165.6100, 32.2373, 66.9940



163.3000, -28.7419, -21.3111



88.7170, 2.6045, 4.6332



63.7720, 40.0454, 82.6380



12.4610, 7.6607, 16.2587

Previews

White Background



This preview shows how the YUV color 116.4410, 34.7856, -3.8948 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 116.4410, 34.7856, -3.8948 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

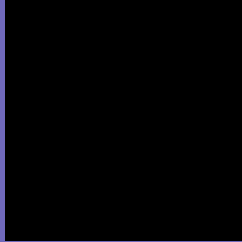
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 116.4410, 34.7856, -3.8948

Background



This preview shows how black text looks on a background with the YUV color 116.4410, 34.7856, -3.8948.



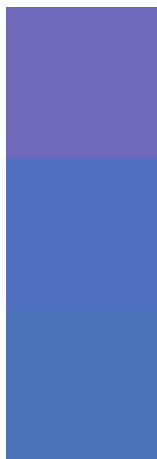
This preview shows how white text looks on a background with the YUV color 116.4410, 34.7856, -3.8948.

-3.8948.

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

116.4410, 34.7856, -3.8948

Protanopia

112.0790, 40.3871, -27.2563

Deuteranopia

110.7210, 36.6195, -32.2043



Tritanopia

113.1600, 7.3161, -13.2953

Trichromacy



Original Color

116.4410, 34.7856, -3.8948

Protanomaly

113.2650, 38.3234, -18.6494

Deuteranomaly

112.6730, 36.1502, -21.6382

Tritanomaly

114.1140, 17.1988, -9.7470

Monochromacy



Original Color

116.4410, 34.7856, -3.8948

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

116.3170, 12.6617, -1.1550

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.4410, 34.7856, -3.8948 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(112, 105, 187)` looks like.

```
.text, #text, p{  
    color:rgb(112, 105, 187)  
}
```

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(112, 105, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 105, 187) }
```

Border

The CSS property to change the border of an element to YUV 116.4410, 34.7856, -3.8948 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(112, 105, 187) }
```


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

```
.border{ border-color:rgb(112, 105, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 105, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 105, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 105, 187);  
box-shadow:4px 4px 4px 4px rgb(112, 105,  
187) }
```

Background

The CSS property to change the background color of an element to YUV 116.4410, 34.7856, -3.8948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 105, 187) }
```

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

```
.background{ background-color: rgb(112,  
105, 187) }
```

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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