

Converting Colors

YUV(111.3430, 16.5929,
-2.0548)

Have a look what the booklet for
YUV(111.3430, 16.5929, -2.0548)
contains.

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Color

**YUV(111.3430, 16.5929,
-2.0548)**

Conversions

Conversions Part 1

Format	Color
Hex	6D6A91
RGB	109, 106, 145
RGB Percent	43%, 42%, 57%
CMY	0.5725, 0.5843, 0.4314
CMYK	0.25, 0.27, 0.00, 0.43
HSL	245°, 16%, 49%
HSV	245°, 27%, 57%
XYZ	16.5715, 15.6036, 28.9264
YIQ	111.3430, -10.7310, 12.7650

Conversions

Conversions Part 2

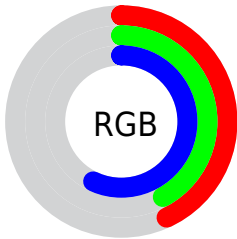
Format	Color
R _Y B	109, 106, 145
Decimal	7170705
CIE Lab	46.45, 10.14, -20.90
CIE LCh	46, 23.230, 295.894
Yxy	15.6036, 0.2712, 0.2554
Android (android.graphics.Color)	4285360785 (0xFF6D6A91)
YUV	111.3430, 16.5929, -2.0548
Hunter-Lab	39.5014, 5.7565, -15.7664

Details

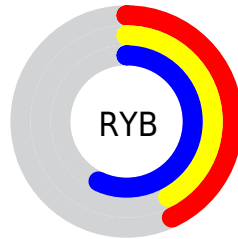
The YUV color $[111.3430, 16.5929, -2.0548]$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $[139.6570, -16.5929, 2.0548]$, and the grayscale version is $[111.0000, 0.0000, 0.0000]$.

A 20% lighter version of the original color is $[162.9840, 17.7559, -1.7400]$, and $[63.2890, 15.1405, -2.8845]$ is the 20% darker color. If you saturate the color by 10%, you get $[99.2380, 22.5607, -2.8397]$, and if you desaturate by 10%, it is $[124.0350, 10.3357, -1.7847]$.

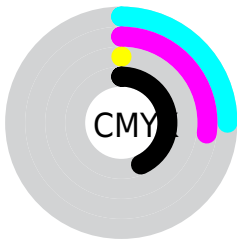
Distribution



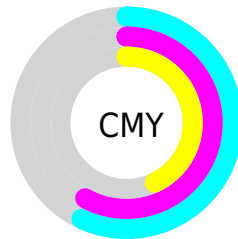
- Red (43%)
- Green (42%)
- Blue (57%)



- Red (43%)
- Yellow (42%)
- Blue (57%)



- Cyan (25%)
- Magenta (27%)
- Yellow (0%)
- Black (43%)



- Cyan (57%)
- Magenta (58%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.3430, 16.5929, -2.0548 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 111.3430, 16.5929, -2.0548 by changing the saturation by 10% instead.

■ 111.3430, 16.5929,
-2.0548

■ 111.3430, 16.5929,
-2.0548

■ 255.0000, 0.0000,
0.0000

■ 86.8160, 15.8667,
-2.4696

■ 162.9840, 17.7559,
-1.7400

■ 63.2890, 15.1405,
-2.8845

■ 190.0980, 18.1927,
-1.8399

■ 40.8760, 14.8511,
-3.3993

■ 218.0980, 18.1927,
-1.8399

■ 19.9360, 13.8356,
-4.3289

■ 243.2050, 5.8149,
1.5742

■ 3.6650, 11.5042,
-3.2142

■ 0.0000, 0.0000,
0.0000

■ 111.3430, 16.5929,
-2.0548

■ 111.3430, 16.5929,
-2.0548

■ 99.2380, 22.5607,
-2.8397

■ 124.0350, 10.3357,
-1.7847

■ 86.2470, 28.9652,
-3.7246

■ 136.4390, 4.2206,
-0.3850

■ 74.1420, 34.9330,
-4.5095

■ 148.5440, -1.7472,
0.3999

■ 61.1510, 41.3376,
-5.3944

■ 161.5350, -8.1518,
1.2848

■ 49.0460, 47.3053,
-6.1793

■ 174.2270,
-14.4089, 1.5549

■ 36.3540, 53.5625,
-6.4495

■ 186.3320,
-20.3767, 2.3398

■ 23.9500, 59.6776,
-7.8491


■ 199.3230,
-26.7812, 3.2247

■ 19.8190, 61.7142,

■ 211.4280,

-7.7343

-32.7490, 4.0096

 224.1200,
-39.0062, 4.2798

Harmonies

Analogous

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



107.2370, 20.5892, -23.8868



111.3430, 16.5929, -2.0548



112.6290, 9.5499, 16.9884

Triad

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



111.3430, 16.5929, -2.0548



110.4520, -15.5058, 26.7906



101.4640, 2.7292, -35.4869

Complementary

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



111.3430, 16.5929, -2.0548



139.6570, -16.5929, 2.0548

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.



104.1150, -7.9447, -18.5179



111.3430, 16.5929, -2.0548



109.1640, -18.8149, 14.7652

Square

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



111.3430, 16.5929, -2.0548



111.6190, -8.6862, 32.7831



107.1620, -15.8559, -1.0191



98.2590, 13.6763, -46.7081

Rectangle

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



111.3430, 16.5929, -2.0548



112.7890, 3.5550, 26.4950



107.1620, -15.8559, -1.0191



102.1720, -1.0708, -29.9688

Sweetspot

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



111.3430, 16.5929, -2.0548



176.0090, 6.4046, -0.8849



131.5780, 6.6170, -22.4319



86.3250, 3.7838, -0.2850



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



111.3430, 16.5929, -2.0548



136.4490, 25.9076, -3.0248



117.0240, 13.7922, 9.6260



65.0970, 2.9102, -0.0851



18.3800, 57.4937, -7.3493



1.2110, 3.3470, -0.1850

Inverse Universe

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



121.7650, 9.9759, 20.3771



152.6230, 15.4689, 31.9026



133.9760, -13.7922, -9.6260



66.8910, 2.0257, 3.6036



54.6150, 34.6998, 70.4976



3.1900, 1.8783, 4.2184

Previews

White Background



This preview shows how the YUV color 111.3430, 16.5929, -2.0548 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 111.3430, 16.5929, -2.0548 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

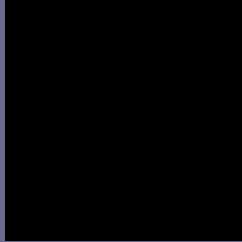
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 111.3430, 16.5929, -2.0548

Background



This preview shows how black text looks on a background with the YUV color 111.3430, 16.5929, -2.0548.



This preview shows how white text looks on a background with the YUV color 111.3430, 16.5929, -2.0548.

-2.0548.

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

111.3430, 16.5929, -2.0548

Protanopia

110.3420, 18.0724, -9.9469

Deuteranopia

110.4240, 17.0460, -7.3878



Tritanopia

109.9330, 4.9630, -5.2032

Trichromacy



Original Color

111.3430, 16.5929, -2.0548

Protanomaly

110.8370, 17.3354, -6.8730

Deuteranomaly

110.7340, 16.8931, -5.0287

Tritanomaly

110.3830, 9.1782, -3.8439

Monochromacy



Original Color

111.3430, 16.5929, -2.0548

Achromatopsia

111.0000, 0.0000, 0.0000

Achromatomaly

110.8950, 5.9678, -0.7849

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.3430, 16.5929, -2.0548 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(109, 106, 145)` looks like.

```
.text, #text, p{  
    color:rgb(109, 106, 145)  
}
```

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(109, 106, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 106, 145) }
```

Border

The CSS property to change the border of an element to YUV 111.3430, 16.5929, -2.0548 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(109, 106, 145) }
```


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

```
.border{ border-color:rgb(109, 106, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 106, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 106, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 106, 145);  
box-shadow:4px 4px 4px 4px rgb(109, 106,  
145) }
```

Background

The CSS property to change the background color of an element to YUV 111.3430, 16.5929, -2.0548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 106, 145) }
```

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

```
.background{ background-color: rgb(109,  
106, 145) }
```

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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