

Converting Colors

YUV(114.3430, 16.5929,
-2.0548)

Have a look what the booklet for
YUV(114.3430, 16.5929, -2.0548)
contains.

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Color

**YUV(114.3430, 16.5929,
-2.0548)**

Conversions

Conversions Part 1

Format	Color
Hex	706D94
RGB	112, 109, 148
RGB Percent	44%, 43%, 58%
CMY	0.5608, 0.5725, 0.4196
CMYK	0.24, 0.26, 0.00, 0.42
HSL	245°, 15%, 50%
HSV	245°, 26%, 58%
XYZ	17.4960, 16.5201, 30.2835
YIQ	114.3430, -10.7310, 12.7650

Conversions

Conversions Part 2

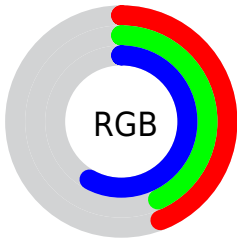
Format	Color
R_{YB}	112, 109, 148
Decimal	7368084
CIE _{Lab}	47.65, 10.07, -20.81
CIE _{LCh}	48, 23.120, 295.833
Yxy	16.5201, 0.2721, 0.2569
Android (android.graphics.Color)	4285558164 (0xFF706D94)
YUV	114.3430, 16.5929, -2.0548
Hunter-Lab	40.6450, 5.7084, -15.7240

Details

The YUV color $[114.3430, 16.5929, -2.0548]$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $[142.6570, -16.5929, 2.0548]$, and the grayscale version is $[114.0000, 0.0000, 0.0000]$.

A 20% lighter version of the original color is $[165.9840, 17.7559, -1.7400]$, and $[66.2890, 15.1405, -2.8845]$ is the 20% darker color. If you saturate the color by 10%, you get $[101.3520, 22.9975, -2.9397]$, and if you desaturate by 10%, it is $[127.3340, 10.1883, -1.1699]$.

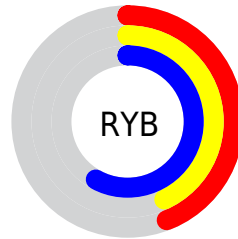
Distribution



Red (44%)

Green (43%)

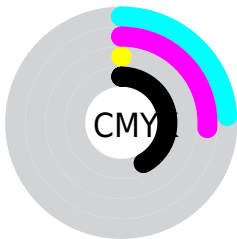
Blue (58%)



Red (44%)

Yellow (43%)

Blue (58%)

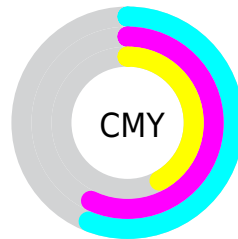


Cyan (24%)

Magenta (26%)

Yellow (0%)

Black (42%)



Cyan (56%)

Magenta (57%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.3430, 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 114.3430, 16.5929, -2.0548 by changing the saturation by 10% instead.

■ 114.3430, 16.5929,
-2.0548

■ 114.3430, 16.5929,
-2.0548

■ 255.0000, 0.0000,
0.0000

■ 89.8160, 15.8667,
-2.4696

■ 165.9840, 17.7559,
-1.7400

■ 66.2890, 15.1405,
-2.8845

■ 193.3970, 18.0453,
-1.2252

■ 43.7620, 14.4143,
-3.2993

■ 221.0550, 16.7349,
-0.9252

■ 22.5230, 13.5462,
-4.8437

■ 246.4500, 4.2152,
1.3594

■ 4.4800, 12.0884,
-3.9290

■ 0.0000, 0.0000,
0.0000

■ 114.3430, 16.5929,
-2.0548

■ 114.3430, 16.5929,
-2.0548

■ 101.3520, 22.9975,
-2.9397

■ 127.3340, 10.1883,
-1.1699

■ 88.6600, 29.2546,
-3.2098

■ 140.0260, 3.9312,
-0.8998

■ 76.2560, 35.3698,
-4.6095

■ 152.4300, -2.1840,
0.4999

■ 63.2650, 41.7744,
-5.4944

■ 165.4210, -8.5886,
1.3848

■ 50.5730, 48.0315,
-5.7645

■ 178.1130,
-14.8457, 1.6549

■ 37.5820, 54.4361,
-6.6494

■ 191.1040,
-21.2503, 2.5398

■ 24.5910, 60.8406,
-7.5343


■ 204.0950,
-27.6548, 3.4247

■ 20.1610, 63.0246,

■ 216.2000,

-8.0342

-33.6226, 4.2096

 229.1910,
-40.0272, 5.0945

Harmonies

Analogous

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



110.2370, 20.5892, -23.8868



114.3430, 16.5929, -2.0548



115.6290, 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.



114.3430, 16.5929, -2.0548



113.4520, -15.5058, 26.7906



104.4640, 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.



114.3430, 16.5929, -2.0548



142.6570, -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.



107.4140, -8.0921, -17.9031



114.3430, 16.5929, -2.0548



112.1640, -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.



114.3430, 16.5929, -2.0548



114.6190, -8.6862, 32.7831



110.1620, -15.8559, -1.0191



101.5580, 13.5289, -46.0934

Rectangle

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



114.3430, 16.5929, -2.0548



115.7890, 3.5550, 26.4950



110.1620, -15.8559, -1.0191



105.1720, -1.0708, -29.9688

Sweetspot

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



114.3430, 16.5929, -2.0548



178.0090, 6.4046, -0.8849



134.5780, 6.6170, -22.4319



88.4390, 4.2206, -0.3850



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



114.3430, 16.5929, -2.0548



138.4490, 25.9076, -3.0248



120.0240, 13.7922, 9.6260



67.7980, 3.0576, -0.6998



19.0210, 58.6566, -7.0344



1.4390, 4.2206, -0.3850

Inverse Universe

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



124.7650, 9.9759, 20.3771



154.7370, 15.9057, 31.8027



136.9760, -13.7922, -9.6260



69.7770, 1.5889, 3.7036



55.7400, 35.1312, 72.1420



4.0160, 2.4571, 5.2480

Previews

White Background



This preview shows how the YUV color 114.3430, 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 114.3430, 16.5929, -2.0548 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

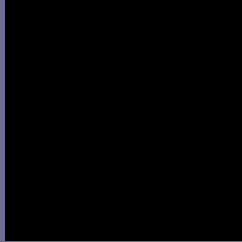
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 114.3430, 16.5929, -2.0548

Background



This preview shows how black text looks on a background with the YUV color 114.3430, 16.5929, -2.0548.



This preview shows how white text looks on a background with the YUV color 114.3430, 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

114.3430, 16.5929, -2.0548

Protanopia

113.3420, 18.0724, -9.9469

Deuteranopia

113.4240, 17.0460, -7.3878



Tritanopia

112.9330, 4.9630, -5.2032

Trichromacy



Original Color

114.3430, 16.5929, -2.0548

Protanomaly

113.8370, 17.3354, -6.8730

Deuteranomaly

113.7340, 16.8931, -5.0287

Tritanomaly

113.3830, 9.1782, -3.8439

Monochromacy



Original Color

114.3430, 16.5929, -2.0548

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

113.8950, 5.9678, -0.7849

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.3430, 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(112, 109, 148)` looks like.

```
.text, #text, p{  
    color:rgb(112, 109, 148)  
}
```

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, 109, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 109, 148) }
```

Border

The CSS property to change the border of an element to YUV 114.3430, 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(112, 109, 148) }
```


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

```
.border{ border-color:rgb(112, 109, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 109, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 109, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 109, 148);  
box-shadow:4px 4px 4px 4px rgb(112, 109,  
148) }
```

Background

The CSS property to change the background color of an element to YUV 114.3430, 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(112, 109, 148) }
```

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

```
.background{ background-color: rgb(112,  
109, 148) }
```

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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