

Converting Colors

YUV(114.4690, 28.8558,
-15.3203)

Have a look what the booklet for
YUV(114.4690, 28.8558, -15.3203)
contains.

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Color

**YUV(114.4690, 28.8558,
-15.3203)**

Conversions

Conversions Part 1

Format	Color
Hex	6170AD
RGB	97, 112, 173
RGB Percent	38%, 44%, 68%
CMY	0.6196, 0.5608, 0.3216
CMYK	0.44, 0.35, 0.00, 0.32
HSL	228°, 32%, 53%
HSV	228°, 44%, 68%
XYZ	18.2668, 17.1469, 41.8821
YIQ	114.4690, -28.5210, 15.7910

Conversions

Conversions Part 2

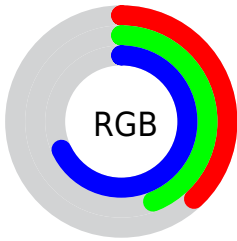
Format	Color
R _Y B	97, 110, 173
Decimal	6385837
CIE Lab	48.44, 10.77, -34.34
CIE LCh	48, 35.988, 287.405
Yxy	17.1469, 0.2363, 0.2218
Android (android.graphics.Color)	4284575917 (0xFF6170AD)
YUV	114.4690, 28.8558, -15.3203
Hunter-Lab	41.4088, 6.2769, -30.9816

Details

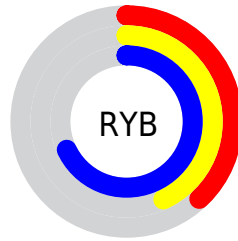
The YUV color **114.4690, 28.8558, -15.3203** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **155.5310, -28.8558, 15.3203**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.5230, 30.3082, -14.4907**, and **64.9910, 27.1194, -18.4091** is the 20% darker color. If you saturate the color by 10%, you get **101.1680, 35.4132, -18.5643**, and if you desaturate by 10%, it is **127.7700, 22.2984, -12.0763**.

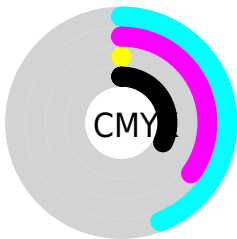
Distribution



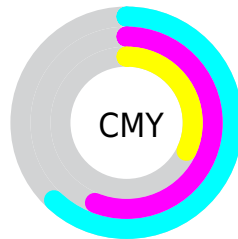
- Red (38%)
- Green (44%)
- Blue (68%)



- Red (38%)
- Yellow (43%)
- Blue (68%)



- Cyan (44%)
- Magenta (35%)
- Yellow (0%)
- Black (32%)



- Cyan (62%)
- Magenta (56%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.4690, 28.8558, -15.3203 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 114.4690, 28.8558, -15.3203 by changing the saturation by 10% instead.

■ 114.4690, 28.8558,
-15.3203

■ 114.4690, 28.8558,
-15.3203

■ 255.0000, 0.0000,
0.0000

■ 89.5290, 27.8402,
-16.2499

■ 167.5230, 30.3082,
-14.4907

■ 64.9910, 27.1194,
-18.4091

■ 194.4090, 29.8714,
-14.3907

■ 39.3600, 27.4305,
-24.8717

■ 218.9290, 17.7830,
-10.4617

■ 21.5950, 24.3567,
-18.9388

■ 244.6230, 5.1159,
-7.5624

■ 6.0590, 20.6769,
-5.3137

■ 3.6650, 11.5042,
-3.2142

■ 0.0000, 0.0000,

0.0000

■ 114.4690, 28.8558,
-15.3203

■ 114.4690, 28.8558,
-15.3203

■ 101.1680, 35.4132,
-18.5643

■ 127.7700, 22.2984,
-12.0763

■ 87.5680, 42.1180,
-22.4231

■ 141.3700, 15.5936,
-8.2175

■ 74.2670, 48.6754,
-25.6672

■ 154.6710, 9.0362,
-4.9735

■ 60.9660, 55.2328,
-28.9112

■ 167.9720, 2.4788,
-1.7294

■ 48.2520, 61.5008,
-32.6700

■ 180.9850, -3.9366,
2.6442

■ 39.6800, 65.7268,
-34.7994

■ 194.2860,
-10.4940, 5.8882

■ 207.5870,
-17.0514, 9.1322

■ 220.8880,
-23.6088, 12.3762

■ 234.4880,
-30.3136, 16.2350

Harmonies

Analogous

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



98.3270, 37.3068, -66.0618



114.4690, 28.8558, -15.3203



118.3440, 18.5644, 18.9923

Triad

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



114.4690, 28.8558, -15.3203



114.9550, -21.6698, 43.8895



97.0930, 1.9262, -57.9636

Complementary

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



114.4690, 28.8558, -15.3203



155.5310, -28.8558, 15.3203

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.



106.3890, -16.9538, -22.2662



114.4690, 28.8558, -15.3203



113.3090, -28.7463, 26.9160

Square

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



114.4690, 28.8558, -15.3203



115.7290, -8.7404, 50.2267



110.8070, -27.5129, 4.5543



91.9450, 19.7471, -80.6358

Rectangle

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



114.4690, 28.8558, -15.3203



118.5650, 10.0745, 35.4615



110.8070, -27.5129, 4.5543



101.6450, -5.2480, -43.5387

Sweetspot

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



114.4690, 28.8558, -15.3203



201.8280, 10.9308, -5.9882



148.5660, 4.6510, -45.2234



98.4000, 6.7048, -3.8588



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



114.4690, 28.8558, -15.3203



132.6540, 45.0336, -24.2526



112.5410, 29.8063, 6.5415



80.2000, 3.3524, -1.9294



34.7100, 56.8380, -30.4407



5.5570, 8.5994, -4.8735

Inverse Universe

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



121.4340, -4.6510, 45.2234



143.3170, -7.0583, 70.7590



157.4590, -29.8063, -6.5415



80.9190, -0.4531, 5.3330



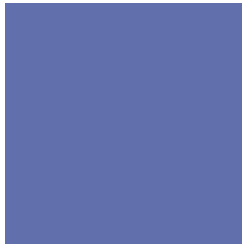
48.2700, -9.0071, 89.2172



7.4470, -1.2064, 13.6400

Previews

White Background



This preview shows how the YUV color 114.4690, 28.8558, -15.3203 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 114.4690, 28.8558, -15.3203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

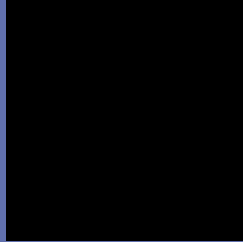
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

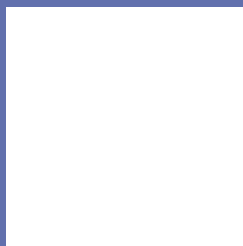
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 114.4690, 28.8558, -15.3203

Background



This preview shows how black text looks on a background with the YUV color 114.4690, 28.8558, -15.3203.



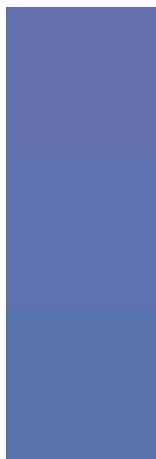
This preview shows how white text looks on a background with the YUV color 114.4690, 28.8558, -15.3203.

-15.3203.

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

114.4690, 28.8558, -15.3203

Protanopia

114.2730, 29.4454, -17.7794

Deuteranopia

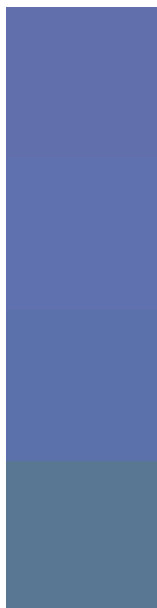
112.8380, 29.1669, -21.7829



Tritanopia

111.2620, 9.2378, -23.0318

Trichromacy



Original Color

114.4690, 28.8558, -15.3203

Protanomaly

114.5720, 29.2980, -17.1646

Deuteranomaly

113.1480, 29.0140, -19.4238

Tritanomaly

112.5210, 16.5051, -20.6279

Monochromacy



Original Color

114.4690, 28.8558, -15.3203

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

114.0130, 10.3466, -5.2734

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.4690, 28.8558, -15.3203 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(97, 112, 173)` looks like.

```
.text, #text, p{  
    color:rgb(97, 112, 173)  
}
```

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(97, 112, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 112, 173) }
```

Border

The CSS property to change the border of an element to YUV 114.4690, 28.8558, -15.3203 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(97, 112, 173) }
```


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

```
.border{ border-color:rgb(97, 112, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 112, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 112, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 112, 173);  
box-shadow:4px 4px 4px 4px rgb(97, 112,  
173) }
```

Background

The CSS property to change the background color of an element to YUV 114.4690, 28.8558, -15.3203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 112, 173) }
```

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

```
.background{ background-color: rgb(97, 112,  
173) }
```

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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