

Converting Colors

YUV(114.3230, 26.9558,
-12.5613)

Have a look what the booklet for
YUV(114.3230, 26.9558, -12.5613)
contains.

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Color

**YUV(114.3230, 26.9558,
-12.5613)**

Conversions

Conversions Part 1

Format	Color
Hex	646FA9
RGB	100, 111, 169
RGB Percent	39%, 44%, 66%
CMY	0.6078, 0.5647, 0.3373
CMYK	0.41, 0.34, 0.00, 0.34
HSL	230°, 29%, 53%
HSV	230°, 41%, 66%
XYZ	18.1014, 16.9428, 39.8524
YIQ	114.3230, -25.1740, 15.7060

Conversions

Conversions Part 2

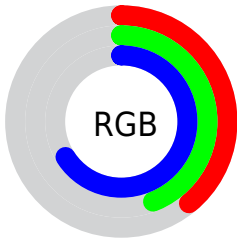
Format	Color
R_{YB}	100, 109, 169
Decimal	6582185
CIE _{Lab}	48.19, 11.00, -32.39
CIE _{LCh}	48, 34.211, 288.753
Yxy	16.9428, 0.2417, 0.2262
Android (android.graphics.Color)	4284772265 (0xFF646FA9)
YUV	114.3230, 26.9558, -12.5613
Hunter-Lab	41.1616, 6.4651, -28.5910

Details

The YUV color **114.3230, 26.9558, -12.5613** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **154.6770, -26.9558, 12.5613**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.4910, 28.8449, -11.8316**, and **65.2580, 25.5088, -15.1353** is the 20% darker color. If you saturate the color by 10%, you get **101.0220, 33.5132, -15.8053**, and if you desaturate by 10%, it is **127.6240, 20.3984, -9.3172**.

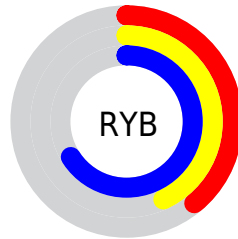
Distribution



Red (39%)

Green (44%)

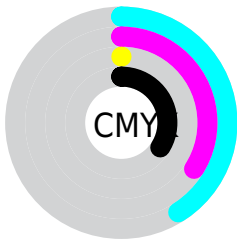
Blue (66%)



Red (39%)

Yellow (43%)

Blue (66%)

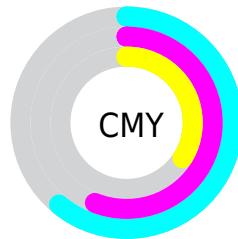


Cyan (41%)

Magenta (34%)

Yellow (0%)

Black (34%)



Cyan (61%)

Magenta (56%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.3230, 26.9558, -12.5613 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 114.3230, 26.9558, -12.5613 by changing the saturation by 10% instead.

■ 114.3230, 26.9558,
-12.5613

■ 114.3230, 26.9558,
-12.5613

■ 255.0000, 0.0000,
0.0000

■ 89.3830, 25.9402,
-13.4909

■ 166.4910, 28.8449,
-11.8316

■ 65.2580, 25.5088,
-15.1353

■ 193.9040, 29.1343,
-11.3168

■ 41.1220, 25.0829,
-18.5240

■ 218.9400, 17.7776,
-8.7174

■ 20.6660, 23.3357,
-18.1241

■ 244.6340, 5.1104,
-5.8180

■ 5.7170, 19.3665,
-5.0138

■ 3.3230, 10.1938,
-2.9143

■ 0.0000, 0.0000,

0.0000

■ 114.3230, 26.9558,
-12.5613

■ 114.3230, 26.9558,
-12.5613

■ 101.0220, 33.5132,
-15.8053

■ 127.6240, 20.3984,
-9.3172

■ 87.7210, 40.0705,
-19.0493

■ 140.9250, 13.8410,
-6.0732

■ 73.8330, 46.9173,
-21.7785

■ 154.8130, 6.9942,
-3.3440

■ 60.5320, 53.4747,
-25.0226

■ 168.1140, 0.4368,
-0.1000

■ 47.2310, 60.0321,
-28.2666

■ 181.1160, -5.9732,
2.5293

■ 35.1150, 66.0053,
-30.7959

■ 194.4170,
-12.5306, 5.7733

■ 207.7180,
-19.0880, 9.0173

■ 221.6060,
-25.9348, 11.7465

■ 234.9070,
-32.4922, 14.9906

Harmonies

Analogous

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



102.4810, 33.7799, -54.7958



114.3230, 26.9558, -12.5613



118.0020, 17.2540, 19.2922

Triad

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



114.3230, 26.9558, -12.5613



114.4600, -20.9328, 40.8156



98.1150, 1.9153, -54.4749

Complementary

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



114.3230, 26.9558, -12.5613



154.6770, -26.9558, 12.5613

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.



106.1440, -15.3540, -22.0513



114.3230, 26.9558, -12.5613



112.9390, -27.5779, 25.4865

Square

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



114.3230, 26.9558, -12.5613



115.8920, -9.3138, 47.4527



109.9640, -25.6183, 3.5396



90.7710, 20.3259, -79.6062

Rectangle

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



114.3230, 26.9558, -12.5613



117.6250, 9.0589, 34.5319



109.9640, -25.6183, 3.5396



101.7700, -4.8166, -41.8943

Sweetspot

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



114.3230, 26.9558, -12.5613



198.3120, 10.1992, -4.6586



147.0010, 4.9295, -41.2199



97.5850, 6.1206, -3.1440



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



114.3230, 26.9558, -12.5613



134.1770, 41.8177, -19.4492



114.7430, 26.7487, 7.2414



77.4990, 3.2050, -1.3146



30.9600, 57.7007, -27.1519



4.0410, 7.8678, -3.5440

Inverse Universe

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



121.8850, -5.3663, 41.3199



145.9310, -8.3470, 64.0815



154.2570, -26.7487, -7.2414



78.5060, -0.7425, 4.8182



46.9880, -11.3331, 88.5875



6.3220, -1.6377, 11.9956

Previews

White Background



This preview shows how the YUV color 114.3230, 26.9558, -12.5613 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 114.3230, 26.9558, -12.5613 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 114.3230, 26.9558, -12.5613

Background



This preview shows how black text looks on a background with the YUV color 114.3230, 26.9558, -12.5613.



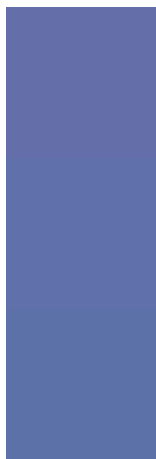
This preview shows how white text looks on a background with the YUV color 114.3230, 26.9558, -12.5613.

-12.5613.

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

114.3230, 26.9558, -12.5613

Protanopia

113.5290, 27.8402, -16.2499

Deuteranopia

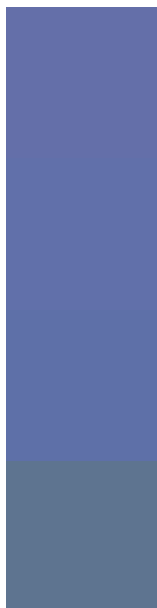
112.6920, 27.2668, -19.0239



Tritanopia

111.4690, 8.6428, -18.8283

Trichromacy



Original Color

114.3230, 26.9558, -12.5613

Protanomaly

114.1270, 27.5454, -15.0204

Deuteranomaly

113.0020, 27.1140, -16.6648

Tritanomaly

112.6140, 15.4733, -16.3245

Monochromacy



Original Color

114.3230, 26.9558, -12.5613

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

114.1980, 9.7624, -4.5586

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.3230, 26.9558, -12.5613 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(100, 111, 169)` looks like.

```
.text, #text, p{  
    color:rgb(100, 111, 169)  
}
```

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(100, 111, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 111, 169) }
```

Border

The CSS property to change the border of an element to YUV 114.3230, 26.9558, -12.5613 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(100, 111, 169) }
```


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

```
.border{ border-color:rgb(100, 111, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 111, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 111, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 111, 169);  
box-shadow:4px 4px 4px 4px rgb(100, 111,  
169) }
```

Background

The CSS property to change the background color of an element to YUV 114.3230, 26.9558, -12.5613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 111, 169) }
```

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

```
.background{ background-color: rgb(100,  
111, 169) }
```

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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