

# Converting Colors

YUV(112.6090, 33.2238,  
-16.3201)

Have a look what the booklet for  
YUV(112.6090, 33.2238, -16.3201)  
contains.

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# Color

**YUV(112.6090, 33.2238,  
-16.3201)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5E6DB4
RGB	94, 109, 180
RGB Percent	37%, 43%, 71%
CMY	0.6314, 0.5725, 0.2941
CMYK	0.48, 0.39, 0.00, 0.29
HSL	230°, 36%, 54%
HSV	230°, 48%, 71%
XYZ	18.3230, 16.6122, 45.4208
YIQ	112.6090, -31.7310, 18.9010

# Conversions

## Conversions Part 2

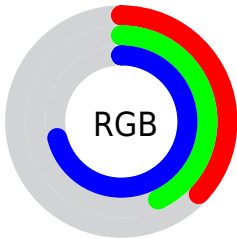
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	94, 107, 180
Decimal	6188468
CIE Lab	47.77, 13.98, -39.49
CIE LCh	48, 41.895, 289.490
Yxy	16.6122, 0.2280, 0.2067
Android (android.graphics.Color)	4284378548 (0xFF5E6DB4)
YUV	112.6090, 33.2238, -16.3201
Hunter-Lab	40.7581, 8.9185, -37.5420

# Details

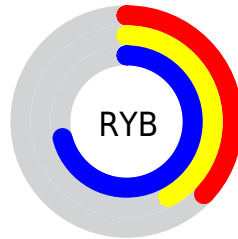
The YUV color **112.6090, 33.2238, -16.3201** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **161.3910, -33.2238, 16.3201**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.3750, 34.8181, -14.3609**, and **62.2340, 31.9296, -21.2532** is the 20% darker color. If you saturate the color by 10%, you get **98.4220, 40.2180, -19.6641**, and if you desaturate by 10%, it is **126.7960, 26.2296, -12.9761**.

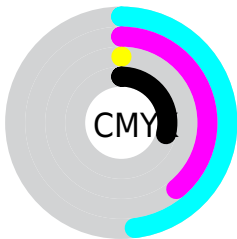
# Distribution



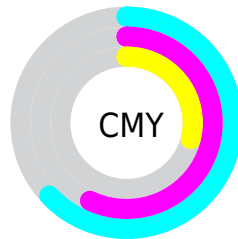
- Red (37%)
- Green (43%)
- Blue (71%)



- Red (37%)
- Yellow (42%)
- Blue (71%)



- Cyan (48%)
- Magenta (39%)
- Yellow (0%)
- Black (29%)



- Cyan (63%)
- Magenta (57%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 112.6090, 33.2238, -16.3201 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 112.6090, 33.2238, -16.3201 by changing the saturation by 10% instead.



■ 112.6090, 33.2238,  
-16.3201

■ 112.6090, 33.2238,  
-16.3201

■ 255.0000, 0.0000,  
0.0000

■ 87.3700, 32.3556,  
-17.8645

■ 165.3750, 34.8181,  
-14.3609

■ 62.2340, 31.9296,  
-21.2532

■ 191.7620, 31.1763,  
-12.9463

■ 34.9940, 32.5410,  
-30.6897

■ 216.5700, 18.9460,  
-10.1469

■ 21.1050, 27.5562,  
-18.5091

■ 241.6770, 6.5682,  
-6.7327

■ 6.7430, 23.2977,  
-5.9136

■ 4.7080, 12.9620,  
-4.1289

■ 0.3420, 1.3104,

-0.2999

■ 0.0000, 0.0000,  
0.0000

■ 112.6090, 33.2238,  
-16.3201

■ 112.6090, 33.2238,  
-16.3201

■ 98.4220, 40.2180,  
-19.6641

■ 126.7960, 26.2296,  
-12.9761

■ 84.2350, 47.2121,  
-23.0081

■ 140.9830, 19.2354,  
-9.6321

■ 70.0480, 54.2063,  
-26.3521

■ 155.1700, 12.2412,  
-6.2881

■ 56.4480, 60.9111,  
-30.2109

■ 168.7700, 5.5364,  
-2.4293

■ 42.2610, 67.9053,  
-33.5549

■ 182.9570, -1.4578,  
0.9147

■ 38.7170, 69.6525,  
-33.9548

■ 197.1440, -8.4520,  
4.2587

■ 211.3310,  
-15.4462, 7.6027

■ 225.5180,  
-22.4404, 10.9467

■ 239.4060,  
-29.2872, 13.6759

# Harmonies

## Analogous

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



91.8890, 44.9177, -80.5867



112.6090, 33.2238, -16.3201



117.0610, 21.1689, 23.6255

# Triad

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



112.6090, 33.2238, -16.3201



112.3640, -25.3225, 48.7928



87.5960, 5.6222, -76.8217

# Complementary

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



112.6090, 33.2238, -16.3201



161.3910, -33.2238, 16.3201

# 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.



102.0030, -18.2425, -28.9436



112.6090, 33.2238, -16.3201



110.5390, -34.2827, 29.3453

# Square

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



112.6090, 33.2238, -16.3201



113.3170, -10.5093, 57.6040



107.3570, -31.7280, 3.1949



92.4010, 21.4943, -81.0357



# Rectangle

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



112.6090, 33.2238, -16.3201



116.2500, 11.2157, 42.7537



107.3570, -31.7280, 3.1949



92.5180, -2.7204, -60.9673

# Sweetspot

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



112.6090, 33.2238, -16.3201



208.6970, 12.9674, -5.8733



152.4620, 5.6882, -51.2712



101.6280, 7.5784, -4.0588



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000



# Same Dimension

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



112.6090, 33.2238, -16.3201



129.7770, 51.8749, -25.2374



111.8770, 33.5846, 8.0009



82.2000, 3.3524, -1.9294



33.2910, 59.0165, -29.1962



5.3120, 10.1992, -4.6586



# Inverse Universe

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



121.4240, -6.1250, 51.3712



143.6880, -9.7062, 80.0806



162.1230, -33.5846, -8.0009



82.9190, -0.4531, 5.3330



48.8250, -10.7597, 91.3615

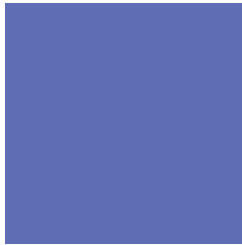


8.2300, -2.0854, 15.5843



# Previews

## White Background



This preview shows how the YUV color 112.6090, 33.2238, -16.3201 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

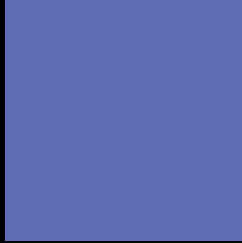
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 112.6090, 33.2238, -16.3201 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 112.6090, 33.2238, -16.3201

## Background



This preview shows how black text looks on a background with the YUV color 112.6090, 33.2238, -16.3201.



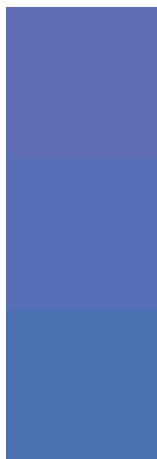
This preview shows how white text looks on a background with the YUV color 112.6090, 33.2238, -16.3201.



# 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

112.6090, 33.2238, -16.3201

### Protanopia

111.6190, 34.6978, -22.4679

### Deuteranopia

109.4610, 34.2827, -29.3453



## Tritanopia

108.7670, 9.9749, -26.1057

# Trichromacy



## Original Color

112.6090, 33.2238, -16.3201

## Protanomaly

111.8150, 34.1082, -20.0088

## Deuteranomaly

110.9670, 33.5403, -24.5271

## Tritanomaly

110.0800, 18.6946, -22.8722

# Monochromacy



## Original Color

112.6090, 33.2238, -16.3201

## Achromatopsia

113.0000, 0.0000, 0.0000

## Achromatomaly

113.0560, 11.8044, -6.1881

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 112.6090, 33.2238, -16.3201 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(94, 109, 180)` looks like.

```
.text, #text, p{  
    color:rgb(94, 109, 180)  
}
```

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(94, 109, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 109, 180) }
```

## Border

The CSS property to change the border of an element to YUV 112.6090, 33.2238, -16.3201 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(94, 109, 180) }
```



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

```
.border{ border-color:rgb(94, 109, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 109, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 109, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 109, 180);  
box-shadow:4px 4px 4px 4px rgb(94, 109,  
180) }
```

# Background

The CSS property to change the background color of an element to YUV 112.6090, 33.2238, -16.3201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 109, 180) }
```

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

```
.background{ background-color: rgb(94, 109,  
180) }
```

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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