

# Converting Colors

YUV(218.3060, 12.6671,  
-2.8994)

Have a look what the booklet for  
YUV(218.3060, 12.6671, -2.8994)  
contains.

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# Color

**YUV(218.3060, 12.6671,  
-2.8994)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D7D7F4
RGB	215, 215, 244
RGB Percent	84%, 84%, 96%
CMY	0.1569, 0.1569, 0.0431
CMYK	0.12, 0.12, 0.00, 0.04
HSL	240°, 57%, 90%
HSV	240°, 12%, 96%
XYZ	68.6539, 69.5796, 95.3997
YIQ	218.3060, -9.3090, 9.0190

# Conversions

## Conversions Part 2

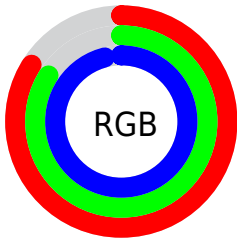
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	215, 215, 244
Decimal	14145524
CIE Lab	86.79, 5.56, -14.15
CIE LCh	87, 15.206, 291.443
Yxy	69.5796, 0.2939, 0.2978
Android (android.graphics.Color)	4292335604 (0xFFD7D7F4)
YUV	218.3060, 12.6671, -2.8994
Hunter-Lab	83.4144, 0.9386, -9.4190

# Details

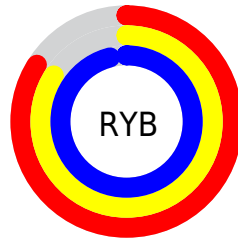
The YUV color  $218.3060, 12.6671, -2.8994$  is a light color, and the websafe version is hex  $CCCCFF$ . A complement of this color would be  $240.6940, -12.6671, 2.8994$ , and the grayscale version is  $218.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $163.1920, 12.2303, -2.7994$  is the 20% darker color. If you saturate the color by 10%, you get  $197.0420, 23.1503, -5.2988$ , and if you desaturate by 10%, it is  $239.5700, 2.1840, -0.4999$ .

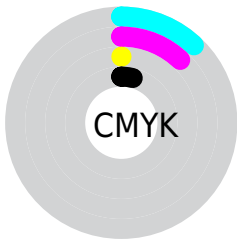
# Distribution



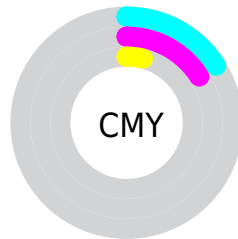
- Red (84%)
- Green (84%)
- Blue (96%)



- Red (84%)
- Yellow (84%)
- Blue (96%)



- Cyan (12%)
- Magenta (12%)
- Yellow (0%)
- Black (4%)



- Cyan (16%)
- Magenta (16%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 218.3060, 12.6671, -2.8994 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 218.3060, 12.6671, -2.8994 by changing the saturation by 10% instead.



■ 218.3060, 12.6671,  
-2.8994

■ 218.3060, 12.6671,  
-2.8994

255.0000, 0.0000,  
0.0000

■ 190.3060, 12.6671,  
-2.8994

■ 163.1920, 12.2303,  
-2.7994

■ 137.0780, 11.7935,  
-2.6994

■ 111.6650, 11.5042,  
-3.2142

■ 87.4370, 10.6306,  
-3.0142

■ 64.0240, 10.3412,  
-3.5290

■ 41.9100, 9.9044,

-3.4291

■ 20.7960, 9.4676,  
-3.3291

■ 2.7530, 8.0098,  
-2.4144

■ 218.3060, 12.6671,  
-2.8994

■ 218.3060, 12.6671,  
-2.8994

■ 197.0420, 23.1503,  
-5.2988

■ 239.5700, 2.1840,  
-0.4999

■ 174.8920, 34.0702,  
-7.7983

■ 253.7460, -4.8048,  
1.0998

■ 153.6280, 44.5534,  
-10.1978

■ 131.4780, 55.4733,  
-12.6972

■ 110.2140, 65.9565,  
-15.0967

■ 88.9500, 76.4397,  
-17.4962

■ 66.8000, 87.3596,  
-19.9956

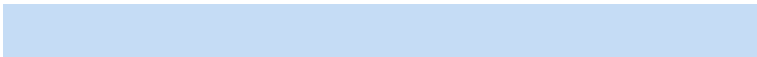
■ 45.5360, 97.8428,  
-22.3951

■ 27.8160, 106.5787,  
-24.3946

# Harmonies

## Analogous

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



215.9730, 14.3103, -16.6393



218.3060, 12.6671, -2.8994



220.0150, 7.3876, 10.5108

# Triad

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



218.3060, 12.6671, -2.8994



218.4560, -11.5638, 22.4021



212.7430, -0.3663, -22.5766

# Complementary

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



218.3060, 12.6671, -2.8994



240.6940, -12.6671, 2.8994

# 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.



213.6860, -7.2402, -11.1256



218.3060, 12.6671, -2.8994



217.4180, -14.0101, 13.6654

# Square

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



218.3060, 12.6671, -2.8994



219.8460, -6.3331, 24.6911



215.9820, -12.8091, 1.7698



212.6590, 7.0701, -27.7649



# Rectangle

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



218.3060, 12.6671, -2.8994



220.0330, 3.4347, 18.3881



215.9820, -12.8091, 1.7698



212.8960, -2.4137, -19.2028

# Sweetspot

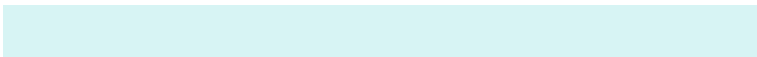
The Sweet Spot groups the original color and five complimentary colors.



218.3060, 12.6671, -2.8994



246.1400, 4.3680, -0.9998



235.3290, 4.2748, -17.8285



121.7980, 3.0576, -0.6998



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

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



218.3060, 12.6671, -2.8994



223.1040, 15.7247, -3.5992



222.7910, 10.4560, 6.3223



111.3680, 5.2416, -1.1997



21.2040, 81.2444, -18.5959



6.7260, 25.7711, -5.8987



# Inverse Universe

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



226.9770, 8.3923, 14.9292



233.8680, 10.4181, 18.5328



236.5080, -10.6034, -5.7075



114.9560, 3.4727, 6.1776



76.8180, 53.8267, 95.7526

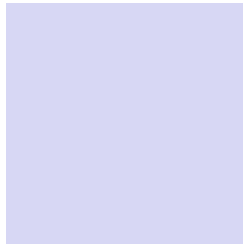


24.3670, 17.0741, 30.3731



# Previews

## White Background



This preview shows how the YUV color 218.3060, 12.6671, -2.8994 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

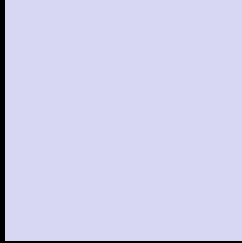
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 218.3060, 12.6671, -2.8994 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

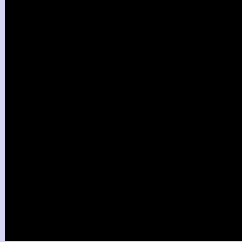
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 218.3060, 12.6671, -2.8994 Background



This preview shows how black text looks on a background with the YUV color 218.3060, 12.6671, -2.8994.



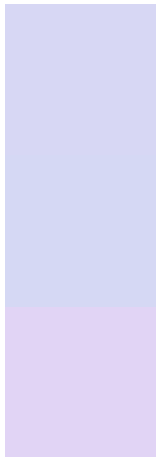
This preview shows how white text looks on a background with the YUV color 218.3060, 12.6671,

-2.8994.

# 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

218.3060, 12.6671, -2.8994

### Protanopia

218.2950, 12.6726, -4.6437

### Deuteranopia

219.6490, 12.4980, 4.6928



## Tritanopia

217.7420, 8.0152, -4.1587

# Trichromacy



## Original Color

218.3060, 12.6671, -2.8994

## Protanomaly

218.5940, 12.5252, -4.0289

## Deuteranomaly

219.0400, 12.7983, 1.7189

## Tritanomaly

217.9100, 9.9044, -3.4291

# Monochromacy



## Original Color

218.3060, 12.6671, -2.8994

## Achromatopsia

218.0000, 0.0000, 0.0000

## Achromatomaly

218.1400, 4.3680, -0.9998

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 218.3060, 12.6671, -2.8994 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(215, 215, 244)` looks like.

```
.text, #text, p{  
    color:rgb(215, 215, 244)  
}
```

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(215, 215, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 215, 244) }
```

## Border

The CSS property to change the border of an element to YUV 218.3060, 12.6671, -2.8994 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(215, 215, 244) }
```



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

```
.border{ border-color:rgb(215, 215, 244) }
```

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

Here you see how a box with a 4 pixel rgb(215, 215, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 215, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 215, 244);  
box-shadow:4px 4px 4px 4px rgb(215, 215,  
244) }
```

# Background

The CSS property to change the background color of an element to YUV 218.3060, 12.6671, -2.8994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 215, 244) }
```

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

```
.background{ background-color: rgb(215,  
215, 244) }
```

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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