

# Converting Colors

YUV(218.3890, 6.7102, -5.6032)

Have a look what the booklet for  
YUV(218.3890, 6.7102, -5.6032)  
contains.

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# Color

**YUV(218.3890, 6.7102,  
-5.6032)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D4DBE8
RGB	212, 219, 232
RGB Percent	83%, 86%, 91%
CMY	0.1686, 0.1412, 0.0902
CMYK	0.09, 0.06, 0.00, 0.09
HSL	219°, 30%, 87%
HSV	219°, 9%, 91%
XYZ	67.0484, 70.4863, 86.4153
YIQ	218.3890, -8.3450, 2.5590

# Conversions

## Conversions Part 2

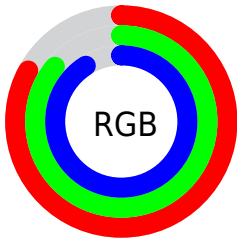
Format	Color
R <sub>Y</sub> B	212, 217, 232
Decimal	13949928
CIE Lab	87.23, 0.12, -7.18
CIE LCh	87, 7.181, 270.941
Yxy	70.4863, 0.2994, 0.3147
Android (android.graphics.Color)	4292140008 (0xFFD4DBE8)
YUV	218.3890, 6.7102, -5.6032
Hunter-Lab	83.9561, -4.3709, -2.2574

# Details

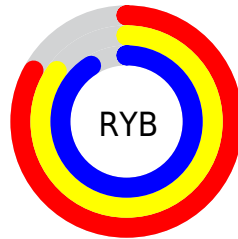
The YUV color  $218.3890, 6.7102, -5.6032$  is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be  $225.6110, -6.7102, 5.6032$ , and the grayscale version is  $218.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $163.2750, 6.2734, -5.5032$  is the 20% darker color. If you saturate the color by 10%, you get  $202.7070, 14.4414, -12.0210$ , and if you desaturate by 10%, it is  $234.0710, -1.0210, 0.8147$ .

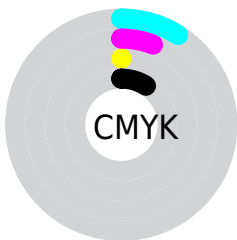
# Distribution



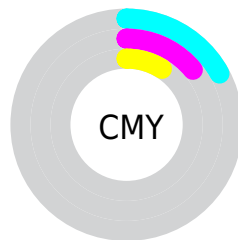
- Red (83%)
- Green (86%)
- Blue (91%)



- Red (83%)
- Yellow (85%)
- Blue (91%)



- Cyan (9%)
- Magenta (6%)
- Yellow (0%)
- Black (9%)



- Cyan (17%)
- Magenta (14%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 218.3890, 6.7102, -5.6032 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 218.3890, 6.7102, -5.6032 by changing the saturation by 10% instead.



■ 218.3890, 6.7102,  
-5.6032

■ 218.3890, 6.7102,  
-5.6032

255.0000, 0.0000,  
0.0000

■ 190.3890, 6.7102,  
-5.6032

■ 163.2750, 6.2734,  
-5.5032

■ 137.2750, 6.2734,  
-5.5032

■ 111.5740, 6.1260,  
-4.8884

■ 87.4600, 5.6892,  
-4.7884

■ 64.3460, 5.2524,  
-4.6884

■ 42.3460, 5.2524,

-4.6884

■ 21.2320, 4.8156,  
-4.5885

■ 0.6840, 2.6208,  
-0.5999

■ 218.3890, 6.7102,  
-5.6032

■ 218.3890, 6.7102,  
-5.6032

■ 202.7070, 14.4414,  
-12.0210

■ 234.0710, -1.0210,  
0.8147

■ 187.0250, 22.1727,  
-18.4389

■ 248.8560, -8.3100,  
5.3883

■ 171.0440, 30.0513,  
-25.4716

■ 252.3780,  
-10.0464, 2.2995

■ 155.3620, 37.7825,  
-31.8895

■ 139.6800, 45.5138,  
-38.3074

■ 123.9980, 53.2450,  
-44.7252

■ 107.7290, 61.2656,  
-50.6283

■ 91.7480, 69.1442,  
-57.6610

■ 76.0660, 76.8755,  
-64.0789

# Harmonies

## Analogous

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



217.2420, 6.2897, -10.7362



218.3890, 6.7102, -5.6032



219.3790, 5.2362, 0.5446

# Triad

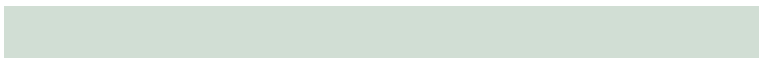
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



218.3890, 6.7102, -5.6032



219.7520, -3.8217, 12.4955



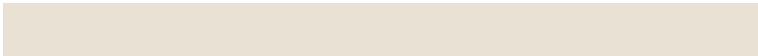
216.9730, -2.4517, -6.9923

# Complementary

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



218.3890, 6.7102, -5.6032



225.6110, -6.7102, 5.6032

# 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.



217.3220, -5.0887, -1.1594



218.3890, 6.7102, -5.6032



219.4590, -6.1423, 10.1215

# Square

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



218.3890, 6.7102, -5.6032



220.2510, -0.6167, 11.1809



218.3120, -6.5628, 4.9884



216.7490, 0.6167, -11.1809



# Rectangle

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



218.3890, 6.7102, -5.6032



219.6570, 3.6201, 5.5628



218.3120, -6.5628, 4.9884



216.7560, -3.3307, -5.0480

# Sweetspot

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



218.3890, 6.7102, -5.6032



249.6730, 2.6262, -2.3442



225.2220, -0.1094, -11.5957



123.8580, 2.0420, -1.6295



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

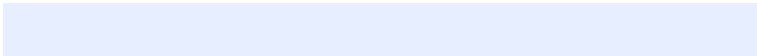


# Same Dimension

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



218.3890, 6.7102, -5.6032



237.5460, 8.6048, -6.6178



215.1770, 8.2937, -0.1552



106.7160, 4.0840, -3.2589



56.8000, 60.2446, -49.8136



16.3800, 17.0677, -14.3653



# Inverse Universe

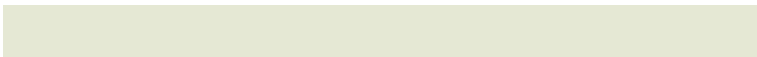
The Inverse Universe completely reimagines the original color for something new.



218.7780, 0.1094, 11.5957



238.3870, -0.1908, 14.5696



228.8230, -8.2937, 0.1552



107.0440, -0.0217, 6.9774



60.5890, 0.6956, 103.8464

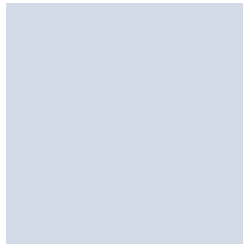


17.3010, 0.3446, 29.5540



# Previews

## White Background



This preview shows how the YUV color 218.3890, 6.7102, -5.6032 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

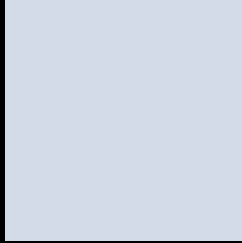
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 218.3890, 6.7102, -5.6032 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

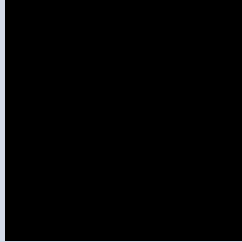
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

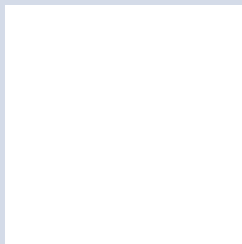
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 218.3890, 6.7102, -5.6032

## Background



This preview shows how black text looks on a background with the YUV color 218.3890, 6.7102, -5.6032.



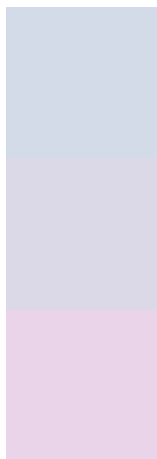
This preview shows how white text looks on a background with the YUV color 218.3890, 6.7102, -5.6032.

-5.6032.

# 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

218.3890, 6.7102, -5.6032

### Protanopia

219.1940, 5.8204, -0.1701

### Deuteranopia

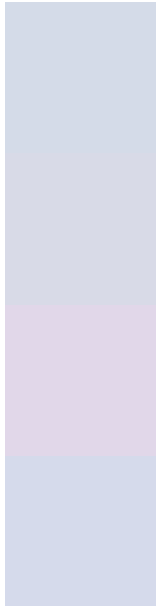
220.6730, 6.0772, 10.8108



## Tritanopia

218.5570, 8.5994, -4.8735

# Trichromacy



## Original Color

218.3890, 6.7102, -5.6032

## Protanomaly

218.8840, 5.9732, -2.5293

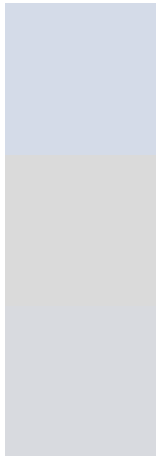
## Deuteranomaly

220.0420, 6.3883, 4.3482

## Tritanomaly

218.4430, 8.1626, -4.7735

# Monochromacy



## Original Color

218.3890, 6.7102, -5.6032

## Achromatopsia

218.0000, 0.0000, 0.0000

## Achromatomaly

217.9720, 2.4788, -1.7294

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 218.3890, 6.7102, -5.6032 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(212, 219, 232)` looks like.

```
.text, #text, p{  
    color:rgb(212, 219, 232)  
}
```

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(212, 219, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 219, 232) }
```

## Border

The CSS property to change the border of an element to YUV 218.3890, 6.7102, -5.6032 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(212, 219, 232) }
```



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

```
.border{ border-color:rgb(212, 219, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 219, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 219, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 219, 232);  
box-shadow:4px 4px 4px 4px rgb(212, 219,  
232) }
```

# Background

The CSS property to change the background color of an element to YUV 218.3890, 6.7102, -5.6032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 219, 232) }
```

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

```
.background{ background-color: rgb(212,  
219, 232) }
```

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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