

# Converting Colors

YUV(206.8130, 23.7562,  
-12.9910)

Have a look what the booklet for  
YUV(206.8130, 23.7562, -12.9910)  
contains.

<b>YUV(206.8130, 23.7562, -12.9910)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(206.8130, 23.7562,  
-12.9910)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C0CDFE
RGB	192, 205, 255
RGB Percent	75%, 80%, 100%
CMY	0.2471, 0.1961, 0.0000
CMYK	0.25, 0.20, 0.00, 0.00
HSL	228°, 100%, 88%
HSV	228°, 25%, 100%
XYZ	61.6195, 62.0891, 103.3444
YIQ	206.8130, -23.7980, 12.7940

# Conversions

## Conversions Part 2

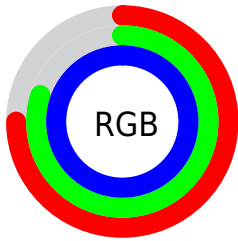
Format	Color
R <sub>Y</sub> B	192, 203, 255
Decimal	12635647
CIE Lab	82.96, 6.19, -25.93
CIE LCh	83, 26.656, 283.423
Yxy	62.0891, 0.2714, 0.2735
Android (android.graphics.Color)	4290825727 (0xFFC0CDFF)
YUV	206.8130, 23.7562, -12.9910
Hunter-Lab	78.7966, 1.6942, -22.6032

# Details

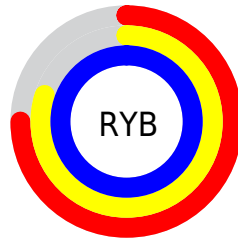
The YUV color  $206.8130, 23.7562, -12.9910$  is a light color, and the websafe version is hex  $CCCCFF$ . A complement of this color would be  $240.1870, -23.7562, 12.9910$ , and the grayscale version is  $207.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $253.2060, 0.8844, -3.6887$ , and  $152.1720, 22.5932, -13.3058$  is the 20% darker color. If you saturate the color by 10%, you get  $187.5980, 33.2292, -18.0644$ , and if you desaturate by 10%, it is  $226.3270, 14.1358, -7.3028$ .

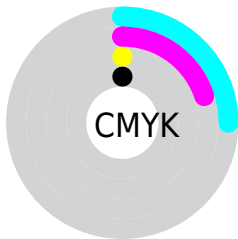
# Distribution



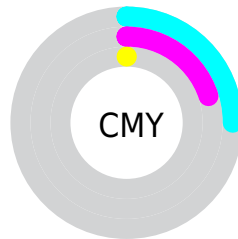
- Red (75%)
- Green (80%)
- Blue (100%)



- Red (75%)
- Yellow (80%)
- Blue (100%)



- Cyan (25%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (25%)
- Magenta (20%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 206.8130, 23.7562, -12.9910 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 206.8130, 23.7562, -12.9910 by changing the saturation by 10% instead.



■ 206.8130, 23.7562,  
-12.9910

■ 206.8130, 23.7562,  
-12.9910

255.0000, 0.0000,  
0.0000

■ 179.2860, 23.0300,  
-13.4058

■ 253.2060, 0.8844,  
-3.6887

■ 152.1720, 22.5932,  
-13.3058

■ 126.0580, 22.1564,  
-13.2059

■ 100.5310, 21.4302,  
-13.6207

■ 76.0040, 20.7040,  
-14.0355

■ 52.7650, 19.8359,  
-15.5799

■ 29.1450, 20.1415,

-20.2982

■ 10.6410, 17.9250,  
-9.3322

■ 3.5510, 11.0674,  
-3.1142

■ 206.8130, 23.7562,  
-12.9910

■ 206.8130, 23.7562,  
-12.9910

■ 187.5980, 33.2292,  
-18.0644

■ 226.3270, 14.1358,  
-7.3028

■ 168.0840, 42.8496,  
-23.7527

■ 245.5420, 4.6628,  
-2.2293

■ 148.2820, 52.6120,  
-28.3113

255.0000, 0.0000,  
0.0000

■ 128.7680, 62.2324,  
-33.9995

■ 109.5530, 71.7054,  
-39.0730

■ 90.0390, 81.3258,  
-44.7612

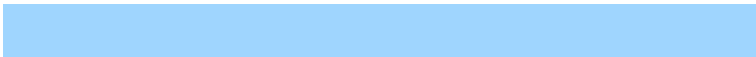
■ 70.2370, 91.0882,  
-49.3198

■ 60.1810, 96.0458,  
-52.7787

# Harmonies

## Analogous

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



201.5280, 25.8687, -37.2971



206.8130, 23.7562, -12.9910



210.0290, 16.2547, 13.1296

# Triad

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



206.8130, 23.7562, -12.9910



208.9590, -17.7278, 39.5010



198.1560, -3.5279, -35.2168

# Complementary

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



206.8130, 23.7562, -12.9910



240.1870, -23.7562, 12.9910

# 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.



200.9000, -15.2337, -13.9443



206.8130, 23.7562, -12.9910



206.6880, -23.5102, 27.4606

# Square

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



206.8130, 23.7562, -12.9910



209.5320, -6.6713, 39.8754



204.6810, -23.0137, 8.1728



195.7270, 10.4876, -50.6266



# Rectangle

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



206.8130, 23.7562, -12.9910



211.1680, 8.7912, 27.0397



204.6810, -23.0137, 8.1728



199.0490, -7.9122, -28.9840

# Sweetspot

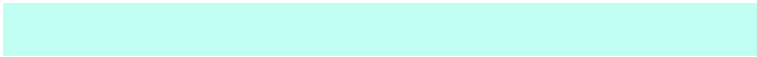
The Sweet Spot groups the original color and five complimentary colors.



206.8130, 23.7562, -12.9910



241.4000, 6.7048, -3.8588



234.5670, 3.1715, -37.3313



119.4280, 4.2260, -2.1294



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.



206.8130, 23.7562, -12.9910



196.4690, 28.8558, -15.3203



204.5640, 24.8649, 4.7674



117.6560, 5.0996, -2.3293



44.6670, 72.1422, -39.1730



14.9270, 24.1930, -13.0910



# Inverse Universe

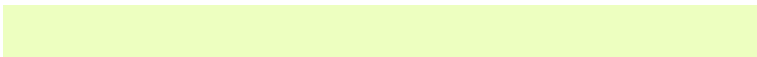
The Inverse Universe completely reimagines the original color for something new.



212.3190, -3.6083, 37.4312



203.4340, -4.6510, 45.2234



242.4360, -24.8649, -4.7674



119.1150, -1.0427, 7.7921



61.5550, -11.1196, 113.5233

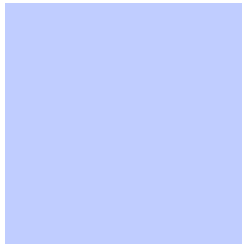


20.6180, -3.7557, 38.0460



# Previews

## White Background



This preview shows how the YUV color 206.8130, 23.7562, -12.9910 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

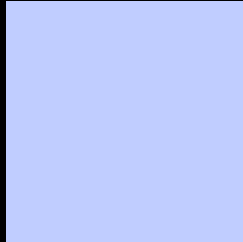
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 206.8130, 23.7562, -12.9910 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

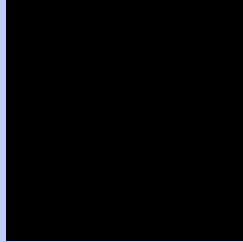
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 206.8130, 23.7562, -12.9910

## Background



This preview shows how black text looks on a background with the YUV color 206.8130, 23.7562, -12.9910.



This preview shows how white text looks on a background with the YUV color 206.8130, 23.7562, -12.9910.

-12.9910.

# 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

206.8130, 23.7562, -12.9910

### Protanopia

207.1230, 23.6034, -10.6319

### Deuteranopia

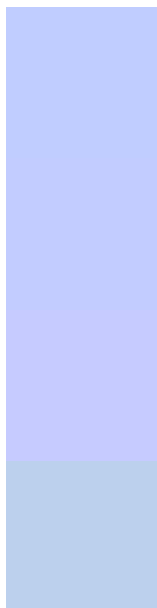
207.7430, 23.2977, -5.9136



## Tritanopia

204.7620, 10.9633, -16.4543

# Trichromacy



## Original Color

206.8130, 23.7562, -12.9910

## Protanomaly

206.8240, 23.7508, -11.2466

## Deuteranomaly

207.4330, 23.4505, -8.2727

## Tritanomaly

205.3260, 15.6153, -15.1949

# Monochromacy



## Original Color

206.8130, 23.7562, -12.9910

## Achromatopsia

207.0000, 0.0000, 0.0000

## Achromatomaly

206.8560, 8.4520, -4.2587

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 206.8130, 23.7562, -12.9910 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(192, 205, 255)` looks like.

```
.text, #text, p{  
    color:rgb(192, 205, 255)  
}
```

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(192, 205, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 205, 255) }
```

## Border

The CSS property to change the border of an element to YUV 206.8130, 23.7562, -12.9910 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(192, 205, 255) }
```



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

```
.border{ border-color:rgb(192, 205, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 205, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 205, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 205, 255); box-shadow:4px 4px 4px 4px rgb(192, 205, 255) }
```

# Background

The CSS property to change the background color of an element to YUV 206.8130, 23.7562, -12.9910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 205, 255) }
```

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

```
.background{ background-color: rgb(192,  
205, 255) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor