

# Converting Colors

YUV(197.9230, 0.0380,  
-12.2105)

Have a look what the booklet for  
YUV(197.9230, 0.0380, -12.2105)  
contains.

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# Color

**YUV(197.9230, 0.0380,  
-12.2105)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B8CDC6
RGB	184, 205, 198
RGB Percent	72%, 80%, 78%
CMY	0.2784, 0.1961, 0.2235
CMYK	0.10, 0.00, 0.03, 0.20
HSL	160°, 17%, 76%
HSV	160°, 10%, 80%
XYZ	51.7915, 57.9302, 61.8780
YIQ	197.9230, -10.2690, -6.6290

# Conversions

## Conversions Part 2

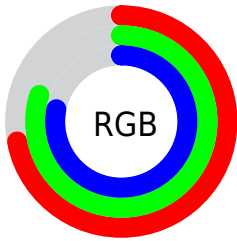
<b>Format</b>	<b>Color</b>
<b>RYB</b>	184, 197, 205
Decimal	12111302
CIELab	80.70, -8.42, 1.06
CIELCh	81, 8.485, 172.808
Yxy	57.9302, 0.3018, 0.3376
Android (android.graphics.Color)	4290301382 (0xFFB8CDC6)
YUV	197.9230, 0.0380, -12.2105
Hunter-Lab	76.1119, -11.7327, 5.0763

# Details

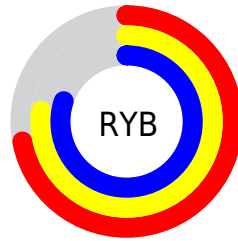
The YUV color  $197.9230, 0.0380, -12.2105$  is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be  $191.0770, -0.0380, 12.2105$ , and the grayscale version is  $198.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $250.5150, 2.2111, -9.2217$ , and  $144.2220, -0.1094, -11.5957$  is the 20% darker color. If you saturate the color by 10%, you get  $190.8460, 0.0759, -24.4209$ , and if you desaturate by 10%, it is  $205.0000, 0.0000, 0.0000$ .

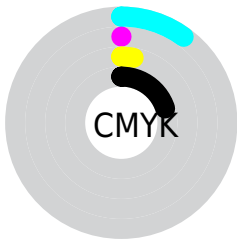
# Distribution



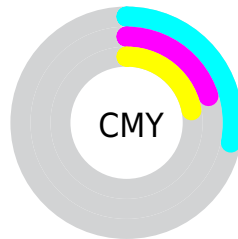
- Red (72%)
- Green (80%)
- Blue (78%)



- Red (72%)
- Yellow (77%)
- Blue (80%)



- Cyan (10%)
- Magenta (0%)
- Yellow (3%)
- Black (20%)



- Cyan (28%)
- Magenta (20%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 197.9230, 0.0380, -12.2105 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 197.9230, 0.0380, -12.2105 by changing the saturation by 10% instead.



■ 197.9230, 0.0380,  
-12.2105

■ 197.9230, 0.0380,  
-12.2105

255.0000, 0.0000,  
0.0000

■ 170.9230, 0.0380,  
-12.2105

■ 250.5150, 2.2111,  
-9.2217

■ 144.2220, -0.1094,  
-11.5957

■ 118.6350, 0.1799,  
-11.0809

■ 93.6350, 0.1799,  
-11.0809

■ 69.9340, 0.0325,  
-10.4661

■ 47.3470, 0.3219,  
-9.9513

■ 26.6460, 0.1745,

-9.3365

■ 2.9350, -1.4470,  
-2.5740

■ 0.0000, 0.0000,  
0.0000

■ 197.9230, 0.0380,  
-12.2105

■ 197.9230, 0.0380,  
-12.2105

■ 190.8460, 0.0759,  
-24.4209

■ 205.0000, 0.0000,  
0.0000

■ 184.0680, -0.0335,  
-36.0166

■ 211.7780, 0.1094,  
11.5957

■ 177.1050, 0.4412,  
-48.3271

■ 218.8550, 0.0715,  
23.8062

■ 170.3270, 0.3318,  
-59.9228

■ 222.2300, 1.3656,  
28.7393

■ 163.2500, 0.3698,  
-72.1333

■ 223.0280, 4.4232,  
28.0394

■ 156.4720, 0.2603,  
-83.7289

■ 223.8260, 7.4808,  
27.3396

■ 149.3950, 0.2983,  
-95.9394

■ 224.6240, 10.5384,  
26.6398

■ 142.6170, 0.1888,  
-107.5351

■ 225.4220, 13.5960,  
25.9399

■ 135.9530, 0.5162,  
-119.2308

■ 225.6500, 14.4696,  
25.7400

# Harmonies

## Analogous

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



198.6310, -3.7621, -6.6924



197.9230, 0.0380, -12.2105



197.9380, 3.9746, -14.8546

# Triad

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



197.9230, 0.0380, -12.2105



201.1230, 6.8414, -0.9849



201.3560, -6.5845, 11.9658

# Complementary

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



197.9230, 0.0380, -12.2105



191.0770, -0.0380, 12.2105

# 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.



201.7630, -3.8272, 14.2398



197.9230, 0.0380, -12.2105



202.0700, 3.9095, 6.0776

# Square

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



197.9230, 0.0380, -12.2105



200.0080, 7.8841, -8.7770



202.1910, 0.3988, 12.1105



200.3940, -7.5892, 7.5475



# Rectangle

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



197.9230, 0.0380, -12.2105



198.2200, 6.3005, -14.2249



202.1910, 0.3988, 12.1105



201.5950, -5.7163, 13.5102

# Sweetspot

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



197.9230, 0.0380, -12.2105



252.2660, -0.1311, -4.6183



198.4200, -7.1091, -6.5073



125.9780, 0.0108, -3.4887



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

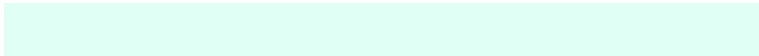


# Same Dimension

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



197.9230, 0.0380, -12.2105



244.5910, 0.2016, -18.0583



196.9600, 3.9637, -11.3659



98.6680, 0.1637, -5.8478



109.9820, 0.0089, -96.4542



25.1560, -0.0769, -22.0618



# Inverse Universe

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



191.0770, -0.0380, 12.2105



234.5230, 0.2352, 17.9583



192.0400, -3.9637, 11.3659



95.3320, -0.1637, 5.8478



55.9040, -0.4457, 96.5542



12.8440, 0.0769, 22.0618



# Previews

## White Background



This preview shows how the YUV color 197.9230, 0.0380, -12.2105 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

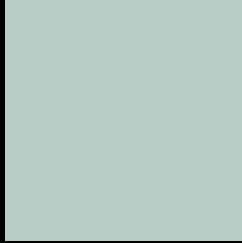
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 197.9230, 0.0380, -12.2105 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

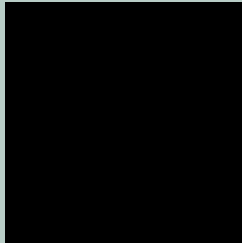
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

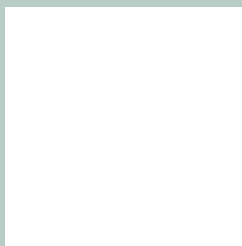
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 197.9230, 0.0380, -12.2105

## Background



This preview shows how black text looks on a background with the YUV color 197.9230, 0.0380, -12.2105.



This preview shows how white text looks on a background with the YUV color 197.9230, 0.0380,

-12.2105.

# 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

197.9230, 0.0380, -12.2105

### Protanopia

200.3380, -2.6316, 4.0886

### Deuteranopia

202.1590, -1.0644, 14.7696



## Tritanopia

199.3390, 9.1999, -10.8213

# Trichromacy



## Original Color

197.9230, 0.0380, -12.2105

## Protanomaly

199.2340, -1.5944, -1.9592

## Deuteranomaly

200.5060, -0.7425, 4.8182

## Tritanomaly

198.8290, 6.0003, -11.2510

# Monochromacy



## Original Color

197.9230, 0.0380, -12.2105

## Achromatopsia

198.0000, 0.0000, 0.0000

## Achromatomaly

198.2660, -0.1311, -4.6183

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 197.9230, 0.0380, -12.2105 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(184, 205, 198)` looks like.

```
.text, #text, p{  
    color:rgb(184, 205, 198)  
}
```

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(184, 205, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 205, 198) }
```

## Border

The CSS property to change the border of an element to YUV 197.9230, 0.0380, -12.2105 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(184, 205, 198) }
```



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

```
.border{ border-color:rgb(184, 205, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 205, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(184, 205, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(184, 205, 198); box-shadow:4px 4px 4px 4px rgb(184, 205, 198) }
```

# Background

The CSS property to change the background color of an element to YUV 197.9230, 0.0380, -12.2105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 205, 198) }
```

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

```
.background{ background-color: rgb(184,  
205, 198) }
```

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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