

# Converting Colors

YUV(205.9790, -75.4186,  
16.6814)

Have a look what the booklet for  
YUV(205.9790, -75.4186, 16.6814)  
contains.

<b>YUV(205.9790, -75.4186, 16.6814)</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(205.9790, -75.4186,  
16.6814)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E1E235
RGB	225, 226, 53
RGB Percent	88%, 89%, 21%
CMY	0.1176, 0.1137, 0.7922
CMYK	0.00, 0.00, 0.77, 0.11
HSL	60°, 75%, 55%
HSV	60°, 77%, 89%
XYZ	58.8903, 70.6573, 13.9025
YIQ	205.9790, 54.9370, -54.0150

# Conversions

## Conversions Part 2

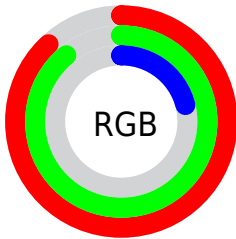
Format	Color
<b>RYB</b>	53, 226, 54
Decimal	14803509
CIELab	87.32, -19.08, 77.42
CIElCh	87, 79.741, 103.844
Yxy	70.6573, 0.4105, 0.4926
Android (android.graphics.Color)	4292993589 (0xFFE1E235)
YUV	205.9790, -75.4186, 16.6814
Hunter-Lab	84.0579, -22.0456, 49.0344

# Details

The YUV color **205.9790, -75.4186, 16.6814** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **73.0210, 75.4186, -16.6814**, and the grayscale version is **207.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **238.9260, -61.5885, 14.0969**, and **150.0110, -73.9554, 14.0224** is the 20% darker color. If you saturate the color by 10%, you get **203.3570, -85.4650, 18.9809**, and if you desaturate by 10%, it is **208.6010, -65.3723, 14.3819**.

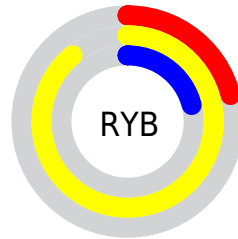
# Distribution



Red (88%)

Green (89%)

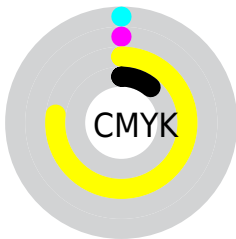
Blue (21%)



Red (21%)

Yellow (89%)

Blue (21%)

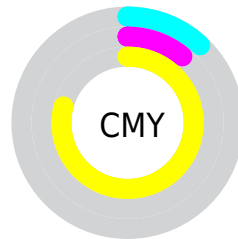


Cyan (0%)

Magenta (0%)

Yellow (77%)

Black (11%)



Cyan (12%)

Magenta (11%)

Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 205.9790, -75.4186, 16.6814 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 205.9790, -75.4186, 16.6814 by changing the saturation by 10% instead.



205.9790,  
-75.4186, 16.6814

205.9790,  
-75.4186, 16.6814

255.0000, 0.0000,  
0.0000

174.9870,  
-84.2966, 17.5514

238.9260,  
-61.5885, 14.0969

150.0110,  
-73.9554, 14.0224

242.1180,  
-49.3582, 11.2975

126.0780,  
-62.1565, 9.5786

245.4240,  
-36.6910, 8.3982

102.4440,  
-50.5049, 5.7496

248.7300,  
-24.0239, 5.4988

79.9840, -39.4321,  
0.8910

252.1500,  
-10.9200, 2.4994

57.5240, -28.3593,  
-3.9675

36.8360, -18.1601,

-8.6262

■ 17.0230, -8.3923,  
-14.9292

■ 0.0000, 0.0000,  
0.0000

■ 205.9790,  
-75.4186, 16.6814

■ 205.9790,  
-75.4186, 16.6814

■ 203.3570,  
-85.4650, 18.9809

■ 208.6010,  
-65.3723, 14.3819

■ 200.8490,  
-95.0746, 21.1804

■ 211.1090,  
-55.7627, 12.1824

■ 199.9370,  
-98.5689, 21.9803

■ 213.7310,  
-45.7164, 9.8829

■ 216.5380,  
-36.2542, 8.2982

■ 219.1600,  
-26.2079, 5.9987

■ 221.7820,  
-16.1615, 3.6992

■ 224.2900, -6.5520,  
1.4997

■ 226.9120, 3.4944,  
-0.7998

■ 229.3060, 12.6671,  
-2.8994

# Harmonies

## Analogous

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



200.8270, -67.9487, 47.5097



205.9790, -75.4186, 16.6814



195.8300, -46.2582, -49.8399

# Triad

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



205.9790, -75.4186, 16.6814



176.4070, 38.7463, -154.7089



195.7130, 29.2285, 51.9947

# Complementary

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



205.9790, -75.4186, 16.6814



73.0210, 75.4186, -16.6814

# 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.



212.7360, 20.8362, 37.0655



205.9790, -75.4186, 16.6814



169.3630, 42.2190, -148.5314

# Square

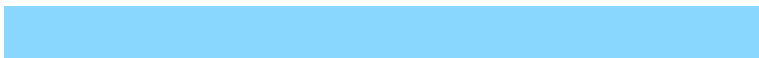
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



205.9790, -75.4186, 16.6814



178.5270, 36.7152, -156.5682



196.2380, 28.9697, -51.9517



184.4390, 1.2626, 61.8820



# Rectangle

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



205.9790, -75.4186, 16.6814



165.8290, -8.2967, -139.2930



196.2380, 28.9697, -51.9517



200.4090, 26.9134, 47.8763

# Sweetspot

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



205.9790, -75.4186, 16.6814



248.2740, -25.7711, 5.8987



104.7270, -25.5014, 106.3564



123.5970, -15.5773, 2.9844



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.



205.9790, -75.4186, 16.6814



227.9110, -102.5001, 22.8801



180.2650, -62.7416, -36.1894



110.7460, -4.8048, 1.0998



155.6370, -76.7290, 16.9814



42.5280, -20.9663, 4.7989



# Inverse Universe

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



73.0210, 75.4186, -16.6814



47.3880, 102.3527, -22.2653



98.4360, 62.8891, 35.5746



102.2540, 4.8048, -1.0998



20.3630, 76.7290, -16.9814



5.4720, 20.9663, -4.7989



# Previews

## White Background



This preview shows how the YUV color 205.9790, -75.4186, 16.6814 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 205.9790, -75.4186, 16.6814 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 205.9790, -75.4186, 16.6814 Background



This preview shows how black text looks on a background with the YUV color 205.9790, -75.4186, 16.6814.



This preview shows how white text looks on a background with the YUV color 205.9790, -75.4186, 16.6814.



# 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

205.9790, -75.4186, 16.6814

### Protanopia

207.9210, -77.3621, 33.3953

### Deuteranopia

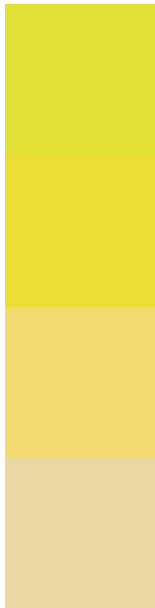
217.4470, -34.7304, 32.9340



## Tritanopia

221.1960, 2.8614, 15.6141

# Trichromacy



## Original Color

205.9790, -75.4186, 16.6814

## Protanomaly

207.4040, -76.6142, 26.8327

## Deuteranomaly

213.2170, -49.4070, 26.9967

## Tritanomaly

215.4540, -25.3668, 16.2648

# Monochromacy



## Original Color

205.9790, -75.4186, 16.6814

## Achromatopsia

206.0000, 0.0000, 0.0000

## Achromatomaly

205.8180, -27.5183, 6.2986

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 205.9790, -75.4186, 16.6814 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(225, 226, 53)` looks like.

```
.text, #text, p{  
    color:rgb(225, 226, 53)  
}
```

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(225, 226, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 226, 53) }
```

## Border

The CSS property to change the border of an element to YUV 205.9790, -75.4186, 16.6814 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(225, 226, 53) }
```



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

```
.border{ border-color:rgb(225, 226, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 226, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 226, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 226, 53);  
box-shadow:4px 4px 4px 4px rgb(225, 226,  
53) }
```

# Background

The CSS property to change the background color of an element to YUV 205.9790, -75.4186, 16.6814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 226, 53) }
```

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

```
.background{ background-color: rgb(225,  
226, 53) }
```

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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