

Converting Colors

YUV(199.1890, -67.1412,
21.7592)

Have a look what the booklet for
YUV(199.1890, -67.1412, 21.7592)
contains.

YUV(199.1890, -67.1412, 21.7592)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(199.1890, -67.1412,
21.7592)**

Conversions

Conversions Part 1

Format	Color
Hex	E0D53F
RGB	224, 213, 63
RGB Percent	88%, 84%, 25%
CMY	0.1216, 0.1647, 0.7529
CMYK	0.00, 0.05, 0.72, 0.12
HSL	56°, 72%, 56%
HSV	56°, 72%, 88%
XYZ	55.4319, 63.7947, 14.0947
YIQ	199.1890, 54.7060, -44.3180

Conversions

Conversions Part 2

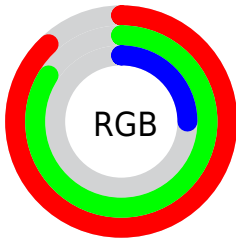
Format	Color
RYB	75, 224, 63
Decimal	14734655
CIELab	83.86, -12.68, 71.00
CIELCh	84, 72.122, 100.127
Yxy	63.7947, 0.4158, 0.4785
Android (android.graphics.Color)	4292924735 (0xFFE0D53F)
YUV	199.1890, -67.1412, 21.7592
Hunter-Lab	79.8716, -15.8939, 45.4474

Details

The YUV color **199.1890, -67.1412, 21.7592** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light washed yellow. A complement of this color would be **87.8110, 67.1412, -21.7592**, and the grayscale version is **200.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **239.6100, -58.9677, 13.4970**, and **142.6680, -70.3353, 19.5852** is the 20% darker color. If you saturate the color by 10%, you get **195.5070, -76.1720, 24.9884**, and if you desaturate by 10%, it is **202.8710, -58.1104, 18.5301**.

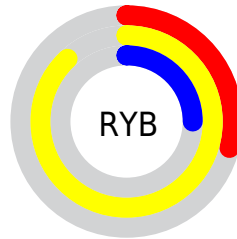
Distribution



Red (88%)

Green (84%)

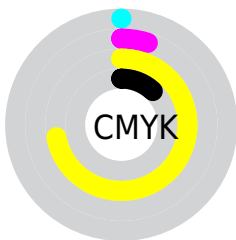
Blue (25%)



Red (29%)

Yellow (88%)

Blue (25%)

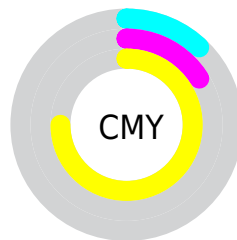


Cyan (0%)

Magenta (5%)

Yellow (72%)

Black (12%)



Cyan (12%)

Magenta (16%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.1890, -67.1412, 21.7592 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 199.1890, -67.1412, 21.7592 by changing the saturation by 10% instead.

■ 199.1890,
-67.1412, 21.7592

■ 199.1890,
-67.1412, 21.7592

■ 255.0000, 0.0000,
0.0000

■ 169.9070,
-69.4672, 21.1296

■ 239.6100,
-58.9677, 13.4970

■ 142.6680,
-70.3353, 19.5852

■ 242.8020,
-46.7374, 10.6976

■ 118.7350,
-58.5364, 15.1414

■ 246.1080,
-34.0702, 7.7983

■ 95.6880, -47.1742,
10.7976

■ 249.4140,
-21.4031, 4.8989

■ 73.5270, -36.2488,
6.5538

■ 252.7200, -8.7360,
1.9996

■ 51.9530, -25.6128,
1.7952

■ 31.5640, -15.5611,

-2.2486

■ 11.7400, -5.7878,
-10.2960

■ 0.0000, 0.0000,
0.0000

■ 199.1890,
-67.1412, 21.7592

■ 199.1890,
-67.1412, 21.7592

■ 195.5070,
-76.1720, 24.9884

■ 202.8710,
-58.1104, 18.5301

■ 192.2980,
-85.9289, 27.8027

■ 206.0800,
-48.3534, 15.7158

■ 189.6590,
-93.5019, 30.1171

■ 209.7620,
-39.3227, 12.4867

■ 212.9710,
-29.5657, 9.6724

■ 216.6530,
-20.5349, 6.4433

■ 219.7480,
-11.2148, 3.7290

■ 223.5440, -1.7472,
0.3999

■ 226.6390, 7.5730,
-2.3144

■ 229.2950, 12.6726,
-4.6437

Harmonies

Analogous

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



195.8520, -59.0870, 51.8728



199.1890, -67.1412, 21.7592



191.1460, -45.4280, -36.0850

Triad

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



199.1890, -67.1412, 21.7592



169.3630, 42.2190, -148.5314



196.3000, 28.9391, 51.4799

Complementary

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



199.1890, -67.1412, 21.7592



87.8110, 67.1412, -21.7592

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.



207.9740, 23.1838, 30.7178



199.1890, -67.1412, 21.7592



163.4930, 45.1130, -143.3834

Square

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



199.1890, -67.1412, 21.7592



168.3880, 30.8677, -147.6763



187.6330, 33.2119, -59.3141



184.0800, 2.4256, 62.1968

Rectangle

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



199.1890, -67.1412, 21.7592



177.8740, -19.6579, -88.4665



187.6330, 33.2119, -59.3141



200.9960, 26.6240, 47.3615

Sweetspot

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



199.1890, -67.1412, 21.7592



246.2680, -23.3031, 7.6580



112.6210, -18.0542, 97.6794



122.3630, -13.9830, 4.9436



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.



199.1890, -67.1412, 21.7592



221.2290, -91.3179, 29.6172



185.6130, -60.4482, -25.0936



110.1590, -4.5154, 1.6146



148.8920, -73.4038, 23.7737



40.7670, -20.0981, 6.3433

Inverse Universe

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



87.8110, 67.1412, -21.7592



69.7710, 91.3179, -29.6172



101.3870, 60.4482, 25.0936



102.8410, 4.5154, -1.6146



27.1080, 73.4038, -23.7737



7.2330, 20.0981, -6.3433

Previews

White Background



This preview shows how the YUV color 199.1890, -67.1412, 21.7592 looks on a white background.

Color Contrast Check

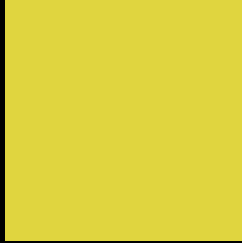
Large Text (above 18pt) WCAG AA × Fail

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 199.1890, -67.1412, 21.7592 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 199.1890, -67.1412, 21.7592 Background



This preview shows how black text looks on a background with the YUV color 199.1890, -67.1412, 21.7592.



This preview shows how white text looks on a background with the YUV color 199.1890, -67.1412, 21.7592.

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

199.1890, -67.1412, 21.7592

Protanopia

199.7170, -67.8945, 30.0662

Deuteranopia

205.3870, -50.4768, 43.5106



Tritanopia

212.0720, 0.9505, 21.8619

Trichromacy



Original Color

199.1890, -67.1412, 21.7592

Protanomaly

199.1080, -67.5942, 27.0923

Deuteranomaly

203.3230, -56.8542, 35.6737

Tritanomaly

207.2420, -23.7833, 21.7128

Monochromacy



Original Color

199.1890, -67.1412, 21.7592

Achromatopsia

199.0000, 0.0000, 0.0000

Achromatomaly

199.0400, -24.1767, 7.8579

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.1890, -67.1412, 21.7592 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(224, 213, 63)` looks like.

```
.text, #text, p{  
    color:rgb(224, 213, 63)  
}
```

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(224, 213, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 213, 63) }
```

Border

The CSS property to change the border of an element to YUV 199.1890, -67.1412, 21.7592 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(224, 213, 63) }
```


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

```
.border{ border-color:rgb(224, 213, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 213, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 213, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 213, 63);  
box-shadow:4px 4px 4px 4px rgb(224, 213,  
63) }
```

Background

The CSS property to change the background color of an element to YUV 199.1890, -67.1412, 21.7592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 213, 63) }
```

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

```
.background{ background-color: rgb(224,  
213, 63) }
```

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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