

Converting Colors

YUV(213.5900, -61.9159,
25.7926)

Have a look what the booklet for
YUV(213.5900, -61.9159, 25.7926)
contains.

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Color

**YUV(213.5900, -61.9159,
25.7926)**

Conversions

Conversions Part 1

Format	Color
Hex	F3DF58
RGB	243, 223, 88
RGB Percent	95%, 87%, 35%
CMY	0.0471, 0.1255, 0.6549
CMYK	0.00, 0.08, 0.64, 0.05
HSL	52°, 87%, 65%
HSV	52°, 64%, 95%
XYZ	65.1113, 72.5346, 19.8014
YIQ	213.5900, 55.2550, -37.7450

Conversions

Conversions Part 2

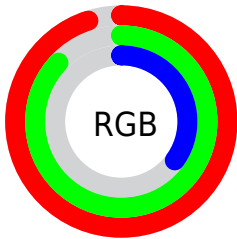
Format	Color
R _Y B	111, 243, 88
Decimal	15982424
CIE Lab	88.23, -8.48, 66.39
CIE LCh	88, 66.926, 97.279
Yxy	72.5346, 0.4135, 0.4607
Android (android.graphics.Color)	4294172504 (0xFFFF3DF58)
YUV	213.5900, -61.9159, 25.7926
Hunter-Lab	85.1673, -12.5776, 45.8322

Details

The YUV color **213.5900, -61.9159, 25.7926** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **117.4100, 61.9159, -25.7926**, and the grayscale version is **214.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **242.2320, -48.9214, 11.1975**, and **156.7100, -63.9470, 23.9333** is the 20% darker color. If you saturate the color by 10%, you get **209.0930, -71.5308, 29.7364**, and if you desaturate by 10%, it is **218.0870, -52.3009, 21.8487**.

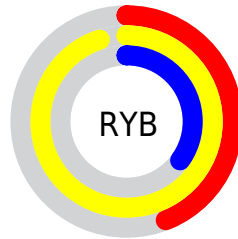
Distribution



Red (95%)

Green (87%)

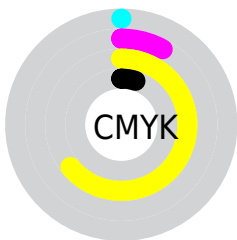
Blue (35%)



Red (44%)

Yellow (95%)

Blue (35%)

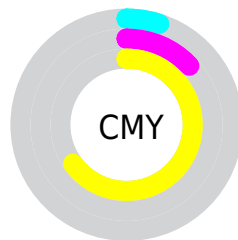


Cyan (0%)

Magenta (8%)

Yellow (64%)

Black (5%)



Cyan (5%)

Magenta (13%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 213.5900, -61.9159, 25.7926 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 213.5900, -61.9159, 25.7926 by changing the saturation by 10% instead.

■ 213.5900,
-61.9159, 25.7926

■ 213.5900,
-61.9159, 25.7926

■ 255.0000, 0.0000,
0.0000

■ 184.9920,
-61.6211, 24.5630

■ 242.2320,
-48.9214, 11.1975

■ 156.7100,
-63.9470, 23.9333

■ 245.4240,
-36.6910, 8.3982

■ 129.6990,
-63.9416, 22.1890

■ 248.7300,
-24.0239, 5.4988

■ 106.3530,
-52.4320, 17.2304

■ 252.0360,
-11.3567, 2.5994

■ 83.6050, -41.2173,
13.5014

■ 61.7320, -30.4339,
8.1280

■ 41.0440, -20.2347,

3.4694

■ 22.1280, -10.9091,
-0.9893

■ 0.0000, 0.0000,
0.0000

■ 213.5900,
-61.9159, 25.7926

■ 213.5900,
-61.9159, 25.7926

■ 209.0930,
-71.5308, 29.7364

■ 218.0870,
-52.3009, 21.8487

■ 204.4820,
-81.5826, 33.7803

■ 222.6980,
-42.2491, 17.8049

■ 199.9850,
-91.1976, 37.7242

■ 227.1950,
-32.6341, 13.8610

■ 197.1010,
-97.1708, 40.2534

■ 232.2790,
-23.3085, 9.4023

■ 236.7760,
-13.6936, 5.4584

■ 241.3870, -3.6418,
1.4146

■ 245.5420, 4.6628,
-2.2293

■ 247.3030, 3.7946,
-3.7737

■ 249.0640, 2.9264,
-5.3181

Harmonies

Analogous

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



205.2730, -50.9136, 43.6106



213.5900, -61.9159, 25.7926



206.3150, -45.0183, -27.4633

Triad

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



213.5900, -61.9159, 25.7926



176.4070, 38.7463, -154.7089



208.0400, 23.1513, 41.1839

Complementary

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



213.5900, -61.9159, 25.7926



117.4100, 61.9159, -25.7926

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.



218.8500, 17.8220, 23.8106



213.5900, -61.9159, 25.7926



170.5370, 41.6403, -149.5609

Square

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



213.5900, -61.9159, 25.7926



175.3010, 29.4316, -153.7390



200.0370, 27.0968, -57.9144



197.3990, 5.2263, 50.5161

Rectangle

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



213.5900, -61.9159, 25.7926



197.0720, -23.2065, -70.2231



200.0370, 27.0968, -57.9144



212.1490, 21.1255, 37.5803

Sweetspot

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



213.5900, -61.9159, 25.7926



246.0060, -19.2300, 7.8877



136.7390, -13.6753, 93.1909



122.2320, -11.9464, 5.0585



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.



213.5900, -61.9159, 25.7926



217.9810, -78.3776, 32.4657



208.2870, -59.3015, -19.5457



120.0450, -4.9522, 1.7145



150.7080, -74.2990, 30.9511



47.5780, -23.4560, 10.0171

Inverse Universe

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



117.4100, 61.9159, -25.7926



96.0190, 78.3776, -32.4657



122.7130, 59.3015, 19.5457



112.5420, 4.6628, -2.2293



35.2920, 74.2990, -30.9511



11.4220, 23.4560, -10.0171

Previews

White Background



This preview shows how the YUV color 213.5900, -61.9159, 25.7926 looks on a white background.

Color Contrast Check

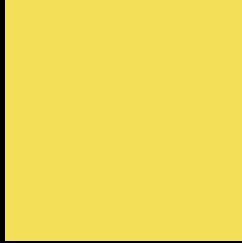
Large Text (above 18pt) WCAG AA × Fail

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 213.5900, -61.9159, 25.7926 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 213.5900, -61.9159, 25.7926 Background



This preview shows how black text looks on a background with the YUV color 213.5900, -61.9159, 25.7926.

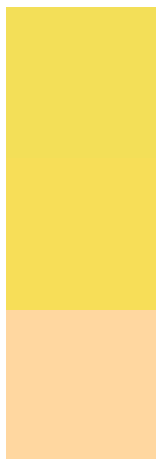


This preview shows how white text looks on a background with the YUV color 213.5900, -61.9159, 25.7926.

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

213.5900, -61.9159, 25.7926

Protanopia

214.1990, -62.2161, 28.7665

Deuteranopia

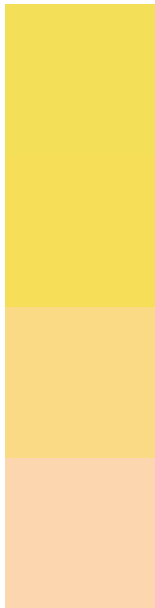
220.6900, -29.9202, 30.0899



Tritanopia

224.5780, 0.2080, 26.6801

Trichromacy



Original Color

213.5900, -61.9159, 25.7926

Protanomaly

213.9000, -62.0687, 28.1517

Deuteranomaly

218.2910, -41.5555, 28.6858

Tritanomaly

220.6170, -22.4892, 26.6459

Monochromacy



Original Color

213.5900, -61.9159, 25.7926

Achromatopsia

214.0000, 0.0000, 0.0000

Achromatomaly

213.8060, -22.5824, 9.8171

CSS Examples

Text

The CSS property to change the color of the text to YUV 213.5900, -61.9159, 25.7926 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(243, 223, 88)` looks like.

```
.text, #text, p{  
    color:rgb(243, 223, 88)  
}
```

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(243, 223, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 223, 88) }
```

Border

The CSS property to change the border of an element to YUV 213.5900, -61.9159, 25.7926 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(243, 223, 88) }
```


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

```
.border{ border-color:rgb(243, 223, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 223, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 223, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 223, 88);  
box-shadow:4px 4px 4px 4px rgb(243, 223,  
88) }
```

Background

The CSS property to change the background color of an element to YUV 213.5900, -61.9159, 25.7926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 223, 88) }
```

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

```
.background{ background-color: rgb(243,  
223, 88) }
```

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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