

Converting Colors

YUV(215.4980, -62.3635,
29.3813)

Have a look what the booklet for
YUV(215.4980, -62.3635, 29.3813)
contains.

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Color

**YUV(215.4980, -62.3635,
29.3813)**

Conversions

Conversions Part 1

Format	Color
Hex	F9DF59
RGB	249, 223, 89
RGB Percent	98%, 87%, 35%
CMY	0.0235, 0.1255, 0.6510
CMYK	0.00, 0.10, 0.64, 0.02
HSL	50°, 93%, 66%
HSV	50°, 64%, 98%
XYZ	67.2578, 73.6364, 20.1196
YIQ	215.4980, 58.5100, -36.1620

Conversions

Conversions Part 2

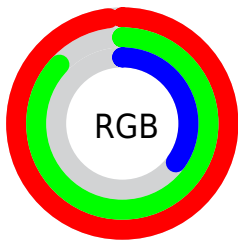
Format	Color
R _Y B	120, 249, 89
Decimal	16375641
CIE Lab	88.75, -5.95, 66.69
CIE LCh	89, 66.954, 95.100
Yxy	73.6364, 0.4177, 0.4573
Android (android.graphics.Color)	4294565721 (0xFFFF9DF59)
YUV	215.4980, -62.3635, 29.3813
Hunter-Lab	85.8116, -10.2649, 46.1669

Details

The YUV color $215.4980, -62.3635, 29.3813$ 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 $122.5020, 62.3635, -29.3813$, and the grayscale version is $216.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $242.3460, -48.4846, 11.0976$, and $158.4330, -63.8105, 26.8073$ is the 20% darker color. If you saturate the color by 10%, you get $210.3000, -72.1259, 33.9399$, and if you desaturate by 10%, it is $220.6960, -52.6011, 24.8226$.

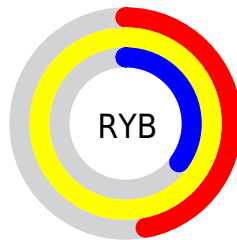
Distribution



Red (98%)

Green (87%)

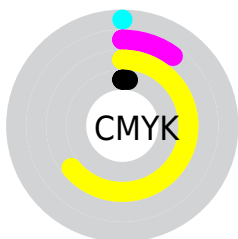
Blue (35%)



Red (47%)

Yellow (98%)

Blue (35%)

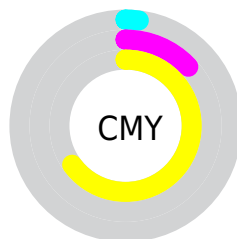


Cyan (0%)

Magenta (10%)

Yellow (64%)

Black (2%)



Cyan (2%)

Magenta (13%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 215.4980, -62.3635, 29.3813 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 215.4980, -62.3635, 29.3813 by changing the saturation by 10% instead.

215.4980,
-62.3635, 29.3813

215.4980,
-62.3635, 29.3813

255.0000, 0.0000,
0.0000

186.9000,
-62.0687, 28.1517

242.3460,
-48.4846, 11.0976

158.4330,
-63.8105, 26.8073

245.5380,
-36.2542, 8.2982

131.1940,
-64.6786, 25.2629

248.8440,
-23.5871, 5.3988

107.8480,
-53.1691, 20.3043

252.1500,
-10.9200, 2.4994

85.1000, -41.9543,
16.5753

63.2270, -31.1709,
11.2019

42.5390, -20.9717,

6.5433

■ 23.6230, -11.6461,
2.0846

■ 0.0000, 0.0000,
0.0000

■ 215.4980,
-62.3635, 29.3813

■ 215.4980,
-62.3635, 29.3813

■ 210.3000,
-72.1259, 33.9399

■ 220.6960,
-52.6011, 24.8226

■ 205.1020,
-81.8883, 38.4985

■ 225.8940,
-42.8387, 20.2640

■ 199.9040,
-91.6507, 43.0572

■ 231.0920,
-33.0764, 15.7053

■ 197.1340,
-97.1871, 45.4865

■ 236.2900,
-23.3140, 11.1467

■ 241.4880,
-13.5516, 6.5880

■ 246.5720, -4.2260,
2.1294

■ 250.8580, 2.0420,
-1.6295

■ 253.2060, 0.8844,
-3.6887

Harmonies

Analogous

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



205.7290, -49.1664, 43.2107



215.4980, -62.3635, 29.3813



208.1800, -46.9237, -22.9599

Triad

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



215.4980, -62.3635, 29.3813



177.5810, 38.1676, -155.7385



209.8010, 22.2831, 39.6395

Complementary

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



215.4980, -62.3635, 29.3813



122.5020, 62.3635, -29.3813

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.



219.7030, 17.4014, 18.6775



215.4980, -62.3635, 29.3813



172.2980, 40.7721, -151.1053

Square

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



215.4980, -62.3635, 29.3813



176.1330, 27.5424, -154.4686



198.8080, 27.7027, -65.6066



198.6700, 7.5577, 49.4014

Rectangle

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



215.4980, -62.3635, 29.3813



200.0080, -26.1329, -64.9050



198.8080, 27.7027, -65.6066



213.9100, 20.2574, 36.0359

Sweetspot

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



215.4980, -62.3635, 29.3813



244.8320, -18.6512, 8.9173



139.9180, -11.7916, 95.6649



121.6450, -11.6570, 5.5733



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.



215.4980, -62.3635, 29.3813



213.8720, -76.3519, 36.0693



214.9130, -62.0751, -16.5867



122.3440, -5.0996, 2.3293



149.2570, -73.5837, 34.8546



48.1760, -23.7508, 11.2466

Inverse Universe

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



122.5020, 62.3635, -29.3813



100.1280, 76.3519, -36.0693



123.0870, 62.0751, 16.5867



114.6560, 5.0996, -2.3293



39.7430, 73.5837, -34.8546



12.8240, 23.7508, -11.2466

Previews

White Background



This preview shows how the YUV color 215.4980, -62.3635, 29.3813 looks on a white background.

Color Contrast Check

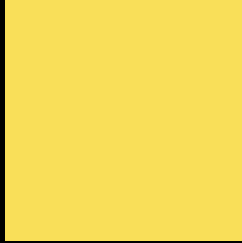
Large Text (above 18pt) WCAG AA × Fail

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 215.4980, -62.3635, 29.3813 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 215.4980, -62.3635, 29.3813

Background



This preview shows how black text looks on a background with the YUV color 215.4980, -62.3635, 29.3813.



This preview shows how white text looks on a background with the YUV color 215.4980, -62.3635, 29.3813.

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

215.4980, -62.3635, 29.3813

Protanopia

215.1990, -62.2161, 28.7665

Deuteranopia

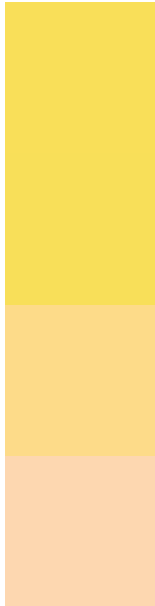
222.4340, -28.3150, 28.5604



Tritanopia

225.7520, -0.3707, 25.6505

Trichromacy



Original Color

215.4980, -62.3635, 29.3813

Protanomaly

215.1990, -62.2161, 28.7665

Deuteranomaly

219.8180, -40.8293, 29.1006

Tritanomaly

221.9160, -22.6366, 27.2607

Monochromacy



Original Color

215.4980, -62.3635, 29.3813

Achromatopsia

215.0000, 0.0000, 0.0000

Achromatomaly

215.1050, -22.7298, 10.4319

CSS Examples

Text

The CSS property to change the color of the text to YUV 215.4980, -62.3635, 29.3813 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(249, 223, 89)` looks like.

```
.text, #text, p{  
    color:rgb(249, 223, 89)  
}
```

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(249, 223, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 223, 89) }
```

Border

The CSS property to change the border of an element to YUV 215.4980, -62.3635, 29.3813 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(249, 223, 89) }
```


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

```
.border{ border-color:rgb(249, 223, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 223, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 223, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 223, 89);  
box-shadow:4px 4px 4px 4px rgb(249, 223,  
89) }
```

Background

The CSS property to change the background color of an element to YUV 215.4980, -62.3635, 29.3813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 223, 89) }
```

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

```
.background{ background-color: rgb(249,  
223, 89) }
```

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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