

Converting Colors

YUV(215.4870, -62.3581,
27.6369)

Have a look what the booklet for
YUV(215.4870, -62.3581, 27.6369)
contains.

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Color

**YUV(215.4870, -62.3581,
27.6369)**

Conversions

Conversions Part 1

Format	Color
Hex	F7E059
RGB	247, 224, 89
RGB Percent	97%, 88%, 35%
CMY	0.0314, 0.1216, 0.6510
CMYK	0.00, 0.09, 0.64, 0.03
HSL	51°, 91%, 66%
HSV	51°, 64%, 97%
XYZ	66.8166, 73.8067, 20.1757
YIQ	215.4870, 57.0430, -37.1090

Conversions

Conversions Part 2

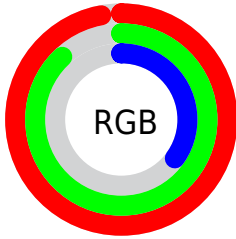
Format	Color
R _Y B	116, 247, 89
Decimal	16244825
CIE Lab	88.83, -7.28, 66.72
CIE LCh	89, 67.117, 96.223
Yxy	73.8067, 0.4155, 0.4590
Android (android.graphics.Color)	4294434905 (0xFF7E059)
YUV	215.4870, -62.3581, 27.6369
Hunter-Lab	85.9108, -11.5168, 46.2137

Details

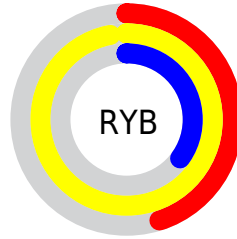
The YUV color $215.4870, -62.3581, 27.6369$ is a light color, and the websafe version is hex `CCCC33`. The color can be described as light muted yellow. A complement of this color would be $120.5130, 62.3581, -27.6369$, and the grayscale version is $216.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $242.3460, -48.4846, 11.0976$, and $158.4220, -63.8050, 25.0629$ is the 20% darker color. If you saturate the color by 10%, you get $210.2890, -72.1205, 32.1955$, and if you desaturate by 10%, it is $220.6850, -52.5957, 23.0783$.

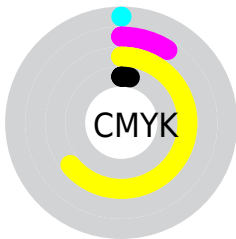
Distribution



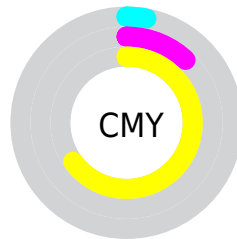
- Red (97%)
- Green (88%)
- Blue (35%)



- Red (45%)
- Yellow (97%)
- Blue (35%)



- Cyan (0%)
- Magenta (9%)
- Yellow (64%)
- Black (3%)



- Cyan (3%)
- Magenta (12%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 215.4870, -62.3581, 27.6369 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 215.4870, -62.3581, 27.6369 by changing the saturation by 10% instead.

215.4870,
-62.3581, 27.6369

215.4870,
-62.3581, 27.6369

255.0000, 0.0000,
0.0000

186.8890,
-62.0633, 26.4073

242.3460,
-48.4846, 11.0976

158.4220,
-63.8050, 25.0629

245.5380,
-36.2542, 8.2982

131.1830,
-64.6732, 23.5185

248.8440,
-23.5871, 5.3988

107.5490,
-53.0217, 19.6895

252.1500,
-10.9200, 2.4994

85.0890, -41.9489,
14.8309

63.5150, -31.3129,
10.0723

42.8270, -21.1137,

5.4137

■ 23.0250, -11.3513,
0.8551

■ 0.0000, 0.0000,
0.0000

■ 215.4870,
-62.3581, 27.6369

■ 215.4870,
-62.3581, 27.6369

■ 210.2890,
-72.1205, 32.1955

■ 220.6850,
-52.5957, 23.0783

■ 205.7920,
-81.7355, 36.1394

■ 225.1820,
-42.9807, 19.1344

■ 200.5940,
-91.4978, 40.6981

■ 230.3800,
-33.2183, 14.5757

■ 197.7100,
-97.4710, 43.2273

■ 234.9910,
-23.1666, 10.5319

240.0750,
-13.8410, 6.0732

245.2730, -4.0786,
1.5146

249.0860, 2.9156,
-1.8294

251.4340, 1.7580,
-3.8886

252.6080, 1.1793,
-4.9182

Harmonies

Analogous

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



206.2020, -49.8926, 42.7958



215.4870, -62.3581, 27.6369



208.0980, -45.8973, -25.5189

Triad

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



215.4870, -62.3581, 27.6369



177.5810, 38.1676, -155.7385



209.2140, 22.5725, 40.1543

Complementary

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



215.4870, -62.3581, 27.6369



120.5130, 62.3581, -27.6369

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.



220.3120, 17.1012, 21.6514



215.4870, -62.3581, 27.6369



171.7110, 41.0615, -150.5905

Square

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



215.4870, -62.3581, 27.6369



176.4750, 28.8528, -154.7686



200.6020, 26.8182, -61.9180



198.4420, 6.6841, 49.6014

Rectangle

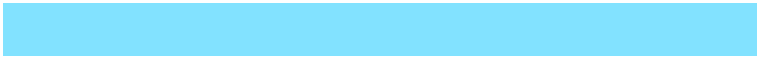
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



215.4870, -62.3581, 27.6369



199.6270, -24.9591, -68.0789



200.6020, 26.8182, -61.9180



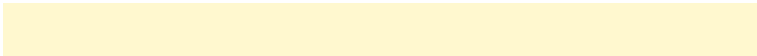
213.3230, 20.5468, 36.5507

Sweetspot

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



215.4870, -62.3581, 27.6369



245.4190, -18.9406, 8.4025



138.9780, -12.8072, 94.7353



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.



215.4870, -62.3581, 27.6369



215.6330, -77.2201, 34.5249



212.5430, -60.9067, -18.0162



120.0450, -4.9522, 1.7145



148.9470, -73.4309, 32.4955



46.9910, -23.1666, 10.5319

Inverse Universe

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



120.5130, 62.3581, -27.6369



97.7800, 77.5095, -34.0101



123.4570, 60.9067, 18.0162



112.5420, 4.6628, -2.2293



37.0530, 73.4309, -32.4955



12.0090, 23.1666, -10.5319

Previews

White Background



This preview shows how the YUV color 215.4870, -62.3581, 27.6369 looks on a white background.

Color Contrast Check

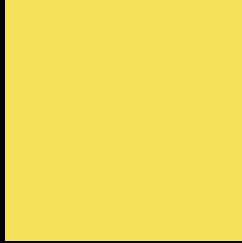
Large Text (above 18pt) WCAG AA × Fail

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 215.4870, -62.3581, 27.6369 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 215.4870, -62.3581, 27.6369

Background



This preview shows how black text looks on a background with the YUV color 215.4870, -62.3581, 27.6369.

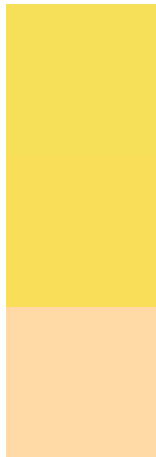


This preview shows how white text looks on a background with the YUV color 215.4870, -62.3581, 27.6369.

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

215.4870, -62.3581, 27.6369

Protanopia

215.4980, -62.3635, 29.3813

Deuteranopia

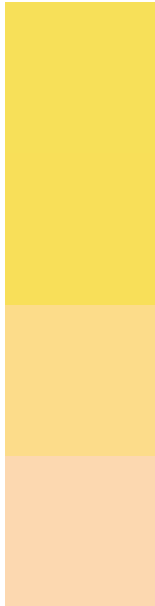
222.5480, -27.8782, 28.4604



Tritanopia

226.4530, -0.2233, 25.0357

Trichromacy



Original Color

215.4870, -62.3581, 27.6369

Protanomaly

215.1990, -62.2161, 28.7665

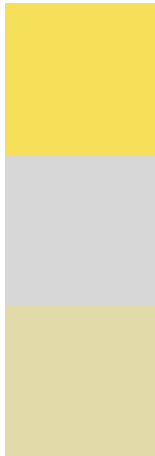
Deuteranomaly

220.2200, -40.5345, 27.8711

Tritanomaly

222.2040, -22.7786, 26.1311

Monochromacy



Original Color

215.4870, -62.3581, 27.6369

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 215.4870, -62.3581, 27.6369 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(247, 224, 89)` looks like.

```
.text, #text, p{  
    color:rgb(247, 224, 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(247, 224, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 224, 89) }
```

Border

The CSS property to change the border of an element to YUV 215.4870, -62.3581, 27.6369 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(247, 224, 89) }
```


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

```
.border{ border-color:rgb(247, 224, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 224, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 224, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 224, 89);  
box-shadow:4px 4px 4px 4px rgb(247, 224,  
89) }
```

Background

The CSS property to change the background color of an element to YUV 215.4870, -62.3581, 27.6369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 224, 89) }
```

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

```
.background{ background-color: rgb(247,  
224, 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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