

Converting Colors

YUV(215.5890, -40.2234,
21.4084)

Have a look what the booklet for
YUV(215.5890, -40.2234, 21.4084)
contains.

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Color

**YUV(215.5890, -40.2234,
21.4084)**

Conversions

Conversions Part 1

Format	Color
Hex	F0DB86
RGB	240, 219, 134
RGB Percent	94%, 86%, 53%
CMY	0.0588, 0.1412, 0.4745
CMYK	0.00, 0.09, 0.44, 0.06
HSL	48°, 78%, 73%
HSV	48°, 44%, 94%
XYZ	65.5698, 70.9095, 32.7853
YIQ	215.5890, 39.8010, -21.9830

Conversions

Conversions Part 2

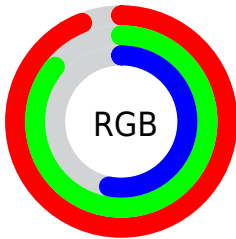
Format	Color
R _Y B	160, 240, 134
Decimal	15784838
CIE Lab	87.44, -4.07, 44.30
CIE LCh	87, 44.482, 95.246
Yxy	70.9095, 0.3874, 0.4189
Android (android.graphics.Color)	4293974918 (0xFFFF0DB86)
YUV	215.5890, -40.2234, 21.4084
Hunter-Lab	84.2078, -8.3717, 35.8616

Details

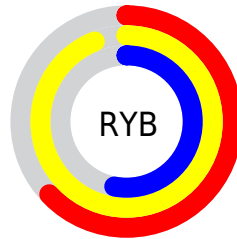
The YUV color $215.5890, -40.2234, 21.4084$ is a light color, and the websafe version is hex `CCCC66`. A complement of this color would be $158.4110, 40.2234, -21.4084$, and the grayscale version is $216.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $247.3620, -29.2655, 6.6985$, and $160.0340, -38.4708, 19.2642$ is the 20% darker color. If you saturate the color by 10%, you get $209.9180, -49.2596, 26.3819$, and if you desaturate by 10%, it is $221.2600, -31.1872, 16.4350$.

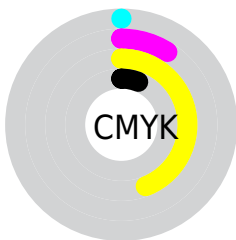
Distribution



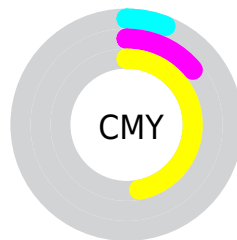
- Red (94%)
- Green (86%)
- Blue (53%)



- Red (63%)
- Yellow (94%)
- Blue (53%)



- Cyan (0%)
- Magenta (9%)
- Yellow (44%)
- Black (6%)



- Cyan (6%)
- Magenta (14%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 215.5890, -40.2234, 21.4084 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 215.5890, -40.2234, 21.4084 by changing the saturation by 10% instead.

■ 215.5890,
-40.2234, 21.4084

■ 215.5890,
-40.2234, 21.4084

■ 255.0000, 0.0000,
0.0000

■ 187.5180,
-39.2024, 20.5937

■ 247.3620,
-29.2655, 6.6985

■ 160.0340,
-38.4708, 19.2642

■ 250.6680,
-16.5983, 3.7992

■ 133.5500,
-37.7391, 17.9347

■ 253.8600, -4.3680,
0.9998

■ 107.9520,
-37.4443, 16.7051

■ 81.7840, -39.3335,
15.9754

■ 60.5800, -29.8659,
12.6463

■ 40.4790, -19.9561,

7.4729

■ 20.9760, -10.3412,
3.5290

■ 0.0000, 0.0000,
0.0000

■ 215.5890,
-40.2234, 21.4084

■ 215.5890,
-40.2234, 21.4084

■ 209.9180,
-49.2596, 26.3819

■ 221.2600,
-31.1872, 16.4350

■ 204.2470,
-58.2958, 31.3554

■ 226.9310,
-22.1510, 11.4615

■ 199.1630,
-67.6214, 35.8140

■ 232.0150,
-12.8254, 7.0028

■ 193.4920,
-76.6576, 40.7875

■ 237.6860, -3.7892,
2.0294

■ 187.8210,
-85.6938, 45.7610

■ 243.3570, 5.2470,
-2.9441

■ 184.4640,
-90.9408, 48.7051

■ 246.4060, 4.2368,
-5.6181

■ 248.7540, 3.0793,
-7.6773

■ 250.5150, 2.2111,
-9.2217

Harmonies

Analogous

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



212.2950, -34.1624, 37.4523



215.5890, -40.2234, 21.4084



210.8880, -30.5108, -13.9338

Triad

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



215.5890, -40.2234, 21.4084



183.4050, 35.2963, -121.3812



218.0190, 18.2316, 32.4323

Complementary

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



215.5890, -40.2234, 21.4084



158.4110, 40.2234, -21.4084

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.



219.3710, 17.5651, 12.8296



215.5890, -40.2234, 21.4084



195.1430, 29.5095, -85.1944

Square

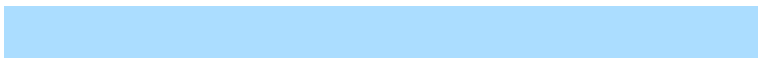
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



215.5890, -40.2234, 21.4084



193.4180, 15.5699, -94.2056



209.9260, 22.2215, -34.1381



209.7090, 1.6225, 39.7202

Rectangle

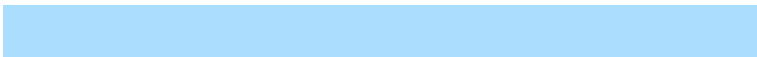
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



215.5890, -40.2234, 21.4084



206.6380, -18.0625, -40.0245



209.9260, 22.2215, -34.1381



220.3670, 17.0741, 30.3731

Sweetspot

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



215.5890, -40.2234, 21.4084



247.1290, -12.3886, 6.9029



168.0880, -6.4524, 63.0668



122.6710, -7.7258, 4.6735



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.



215.5890, -40.2234, 21.4084



223.7610, -51.1542, 27.3966



218.3480, -41.5836, -9.0752



116.8710, -4.3734, 2.7441



141.3050, -69.6634, 37.4435



43.1590, -21.2774, 11.2616

Inverse Universe

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



158.4110, 40.2234, -21.4084



151.2390, 51.1542, -27.3966



155.6520, 41.5836, 9.0752



110.5420, 4.6628, -2.2293



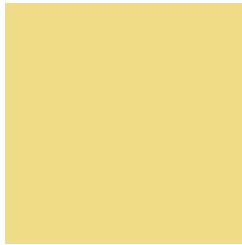
42.1080, 69.9528, -36.9287



12.8410, 21.2774, -11.2616

Previews

White Background



This preview shows how the YUV color 215.5890, -40.2234, 21.4084 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 215.5890, -40.2234, 21.4084 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 215.5890, -40.2234, 21.4084 Background



This preview shows how black text looks on a background with the YUV color 215.5890, -40.2234, 21.4084.



This preview shows how white text looks on a background with the YUV color 215.5890, -40.2234, 21.4084.

21.4084.

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

215.5890, -40.2234, 21.4084

Protanopia

215.2900, -40.0760, 20.7937

Deuteranopia

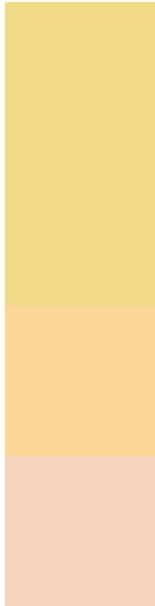
219.0430, -28.6152, 31.5343



Tritanopia

222.0830, 0.9451, 23.6062

Trichromacy



Original Color

215.5890, -40.2234, 21.4084

Protanomaly

215.2900, -40.0760, 20.7937

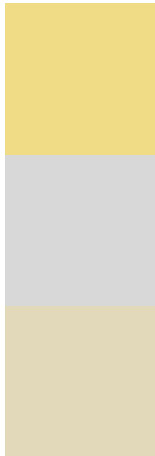
Deuteranomaly

218.1690, -33.1143, 27.9158

Tritanomaly

219.7720, -14.1846, 23.0020

Monochromacy



Original Color

215.5890, -40.2234, 21.4084

Achromatopsia

216.0000, 0.0000, 0.0000

Achromatomaly

215.8580, -14.7200, 8.0175

CSS Examples

Text

The CSS property to change the color of the text to YUV 215.5890, -40.2234, 21.4084 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(240, 219, 134)` looks like.

```
.text, #text, p{  
    color:rgb(240, 219, 134)  
}
```

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(240, 219, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 219, 134) }
```

Border

The CSS property to change the border of an element to YUV 215.5890, -40.2234, 21.4084 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(240, 219, 134) }
```


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

```
.border{ border-color:rgb(240, 219, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 219, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 219, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 219, 134);  
box-shadow:4px 4px 4px 4px rgb(240, 219,  
134) }
```

Background

The CSS property to change the background color of an element to YUV 215.5890, -40.2234, 21.4084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 219, 134) }
```

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

```
.background{ background-color: rgb(240,  
219, 134) }
```

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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