

Converting Colors

YUV(215.0920, -66.6004,
34.9993)

Have a look what the booklet for
YUV(215.0920, -66.6004, 34.9993)
contains.

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Color

**YUV(215.0920, -66.6004,
34.9993)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDD50
RGB	255, 221, 80
RGB Percent	100%, 87%, 31%
CMY	0.0000, 0.1333, 0.6863
CMYK	0.00, 0.13, 0.69, 0.00
HSL	48°, 100%, 66%
HSV	48°, 69%, 100%
XYZ	68.5444, 73.5521, 18.1737
YIQ	215.0920, 65.5250, -36.6430

Conversions

Conversions Part 2

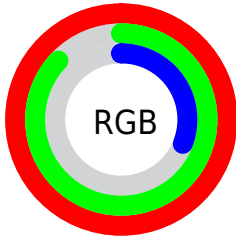
Format	Color
RYB	122, 255, 80
Decimal	16768336
CIELab	88.71, -2.96, 70.42
CIELCh	89, 70.479, 92.404
Yxy	73.5521, 0.4277, 0.4589
Android (android.graphics.Color)	4294958416 (0xFFFFDD50)
YUV	215.0920, -66.6004, 34.9993
Hunter-Lab	85.7625, -7.4209, 47.4698

Details

The YUV color **215.0920, -66.6004, 34.9993** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light muted yellow. A complement of this color would be **119.9080, 66.6004, -34.9993**, and the grayscale version is **216.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.4340, -51.9790, 11.8974**, and **156.8870, -72.4153, 33.4251** is the 20% darker color. If you saturate the color by 10%, you get **209.3070, -76.0734, 40.0728**, and if you desaturate by 10%, it is **220.9910, -56.6906, 29.8259**.

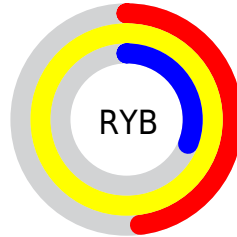
Distribution



Red (100%)

Green (87%)

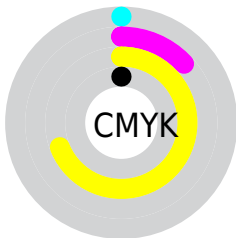
Blue (31%)



Red (48%)

Yellow (100%)

Blue (31%)

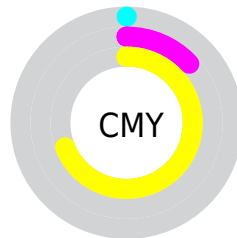


Cyan (0%)

Magenta (13%)

Yellow (69%)

Black (0%)



Cyan (0%)

Magenta (13%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 215.0920, -66.6004, 34.9993 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 215.0920, -66.6004, 34.9993 by changing the saturation by 10% instead.

215.0920,
-66.6004, 34.9993

215.0920,
-66.6004, 34.9993

255.0000, 0.0000,
0.0000

186.2660,
-67.1791, 33.9697

241.4340,
-51.9790, 11.8974

156.8870,
-72.4153, 33.4251

244.6260,
-39.7486, 9.0980

131.5150,
-64.8369, 29.3663

247.9320,
-27.0815, 6.1986

108.1690,
-53.3273, 24.4078

251.2380,
-14.4143, 3.2993

85.7090, -42.2545,
19.5492

254.5440, -1.7472,
0.3999

63.8360, -31.4711,
14.1758

43.1480, -21.2720,

9.5172

■ 23.3460, -11.5096,
4.9586

■ 0.0000, 0.0000,
0.0000

■ 215.0920,
-66.6004, 34.9993

■ 215.0920,
-66.6004, 34.9993

■ 209.3070,
-76.0734, 40.0728

■ 220.9910,
-56.6906, 29.8259

■ 203.4080,
-85.9831, 45.2462

■ 226.7760,
-47.2176, 24.7524

■ 197.6230,
-95.4561, 50.3196

■ 232.6750,
-37.3078, 19.5790

■ 196.5800,
-96.9139, 51.2343

■ 238.4600,
-27.8348, 14.5056

■ 244.3590,
-17.9250, 9.3322

■ 250.1440, -8.4520,
4.2587

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



203.0390, -49.3192, 45.5698



215.0920, -66.6004, 34.9993



208.2360, -51.8813, -19.5010

Triad

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



215.0920, -66.6004, 34.9993



178.1680, 37.8782, -156.2533



208.6270, 22.8619, 40.6691

Complementary

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



215.0920, -66.6004, 34.9993



119.9080, 66.6004, -34.9993

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.



217.8980, 18.2913, 13.2445



215.0920, -66.6004, 34.9993



173.4720, 40.1933, -152.1349

Square

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



215.0920, -66.6004, 34.9993



175.4490, 24.9216, -153.8688



190.4140, 31.8409, -86.3091



197.0060, 11.3360, 50.8607

Rectangle

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



215.0920, -66.6004, 34.9993



199.4660, -30.7957, -62.6757



190.4140, 31.8409, -86.3091



213.3230, 20.5468, 36.5507

Sweetspot

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



215.0920, -66.6004, 34.9993



242.9740, -20.6932, 10.5468



136.3150, -10.5083, 104.0867



120.2430, -11.9518, 6.8029



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.



215.0920, -66.6004, 34.9993



207.1070, -79.4258, 42.0022



219.5020, -68.7745, -14.4723



124.7570, -4.8102, 2.8441



147.5070, -72.7210, 38.1434



49.0730, -24.1930, 13.0910

Inverse Universe

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



119.9080, 66.6004, -34.9993



93.8930, 79.4258, -42.0022



115.4980, 68.7745, 14.4723



117.6560, 5.0996, -2.3293



43.4930, 72.7210, -38.1434



14.3400, 24.4824, -12.5762

Previews

White Background



This preview shows how the YUV color 215.0920, -66.6004, 34.9993 looks on a white background.

Color Contrast Check

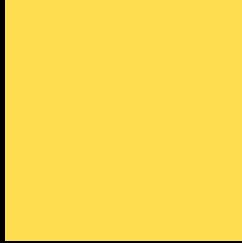
Large Text (above 18pt) WCAG AA × Fail

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 215.0920, -66.6004, 34.9993 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 215.0920, -66.6004, 34.9993 Background



This preview shows how black text looks on a background with the YUV color 215.0920, -66.6004, 34.9993.



This preview shows how white text looks on a background with the YUV color 215.0920, -66.6004,

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

215.0920, -66.6004, 34.9993

Protanopia

214.5860, -65.8579, 30.1811

Deuteranopia

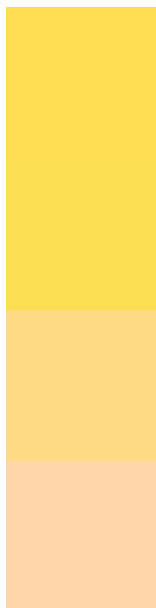
222.3200, -28.7518, 28.6604



Tritanopia

226.1110, -1.5337, 25.3357

Trichromacy



Original Color

215.0920, -66.6004, 34.9993

Protanomaly

214.5970, -65.8633, 31.9254

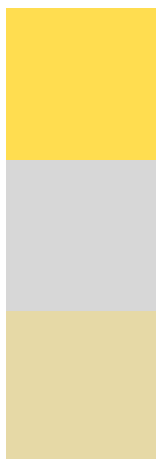
Deuteranomaly

219.3730, -42.5819, 31.2449

Tritanomaly

221.9440, -25.1154, 28.9901

Monochromacy



Original Color

215.0920, -66.6004, 34.9993

Achromatopsia

215.0000, 0.0000, 0.0000

Achromatomaly

215.0730, -24.1930, 13.0910

CSS Examples

Text

The CSS property to change the color of the text to YUV 215.0920, -66.6004, 34.9993 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(255, 221, 80)` looks like.

```
.text, #text, p{  
    color:rgb(255, 221, 80)  
}
```

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(255, 221, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 221, 80) }
```

Border

The CSS property to change the border of an element to YUV 215.0920, -66.6004, 34.9993 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(255, 221, 80) }
```


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

```
.border{ border-color:rgb(255, 221, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 221, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 221, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 221, 80);  
box-shadow:4px 4px 4px 4px rgb(255, 221,  
80) }
```

Background

The CSS property to change the background color of an element to YUV 215.0920, -66.6004, 34.9993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 221, 80) }
```

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

```
.background{ background-color: rgb(255,  
221, 80) }
```

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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