

Converting Colors

YUV(218.8200, -70.9033,
15.0669)

Have a look what the booklet for
YUV(218.8200, -70.9033, 15.0669)
contains.

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Color

**YUV(218.8200, -70.9033,
15.0669)**

Conversions

Conversions Part 1

Format	Color
Hex	ECEE4B
RGB	236, 238, 75
RGB Percent	93%, 93%, 29%
CMY	0.0745, 0.0667, 0.7059
CMYK	0.01, 0.00, 0.68, 0.07
HSL	61°, 83%, 61%
HSV	61°, 68%, 93%
XYZ	66.4366, 79.4899, 18.4981
YIQ	218.8200, 51.1310, -51.1170

Conversions

Conversions Part 2

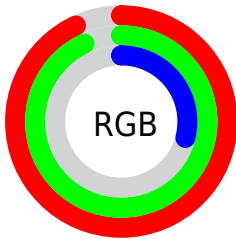
Format	Color
RYB	75, 238, 77
Decimal	15527499
CIELab	91.46, -19.43, 74.50
CIELCh	91, 76.992, 104.620
Yxy	79.4899, 0.4041, 0.4834
Android (android.graphics.Color)	4293717579 (0xFFECE4B)
YUV	218.8200, -70.9033, 15.0669
Hunter-Lab	89.1571, -23.0134, 50.1086

Details

The YUV color **218.8200, -70.9033, 15.0669** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light muted yellow. A complement of this color would be **94.1800, 70.9033, -15.0669**, and the grayscale version is **219.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.0920, -53.2894, 12.1973**, and **159.7570, -78.7602, 15.1221** is the 20% darker color. If you saturate the color by 10%, you get **216.0840, -81.3864, 17.4663**, and if you desaturate by 10%, it is **221.5560, -60.4201, 12.6674**.

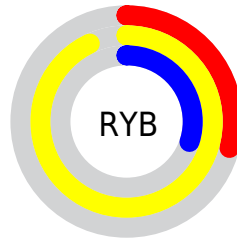
Distribution



Red (93%)

Green (93%)

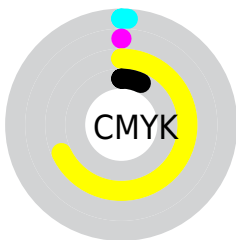
Blue (29%)



Red (29%)

Yellow (93%)

Blue (30%)

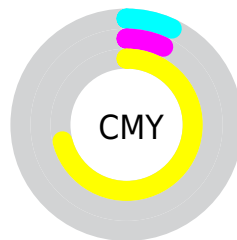


Cyan (1%)

Magenta (0%)

Yellow (68%)

Black (7%)



Cyan (7%)

Magenta (7%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 218.8200, -70.9033, 15.0669 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 218.8200, -70.9033, 15.0669 by changing the saturation by 10% instead.

218.8200,
-70.9033, 15.0669

218.8200,
-70.9033, 15.0669

255.0000, 0.0000,
0.0000

189.7660,
-72.3556, 14.2372

241.0920,
-53.2894, 12.1973

159.7570,
-78.7602, 15.1221

244.2840,
-41.0590, 9.3979

135.8240,
-66.9612, 10.6784

247.5900,
-28.3919, 6.4986

111.8910,
-55.1623, 6.2346

250.8960,
-15.7247, 3.5992

89.1430, -43.9475,
2.5056

254.3160, -2.6208,
0.5999

66.6830, -32.8747,
-2.3530

45.1090, -22.2387,

-7.1116

■ 24.4210, -12.0396,
-11.7702

■ 5.8700, -2.8939,
-5.1480

■ 218.8200,
-70.9033, 15.0669

■ 218.8200,
-70.9033, 15.0669

■ 216.0840,
-81.3864, 17.4663

■ 221.5560,
-60.4201, 12.6674

■ 213.0490,
-91.7222, 19.2510

■ 224.5910,
-50.0844, 10.8827

■ 210.4270,
-101.7685, 21.5505

■ 227.2130,
-40.0380, 8.5832

■ 209.9710,
-103.5157, 21.9504

■ 229.9490,
-29.5549, 6.1837

■ 232.6850,
-19.0717, 3.7843

■ 235.7200, -8.7360,
1.9996

■ 238.4560, 1.7472,
-0.3999

■ 239.9380, 7.4256,
-1.6996

■ 240.2370, 7.2782,
-1.0848

Harmonies

Analogous

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



210.5100, -63.8484, 39.0177



218.8200, -70.9033, 15.0669



208.8130, -43.7848, -49.8250

Triad

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



218.8200, -70.9033, 15.0669



178.7550, 37.5888, -156.7681



204.5180, 24.8876, 44.2727

Complementary

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



218.8200, -70.9033, 15.0669



94.1800, 70.9033, -15.0669

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.



220.3670, 17.0741, 30.3731



218.8200, -70.9033, 15.0669



175.2330, 39.3251, -153.6793

Square

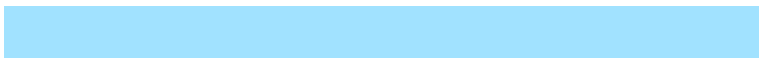
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



218.8200, -70.9033, 15.0669



178.7550, 37.5888, -156.7681



209.8710, 22.2486, -42.8599



194.9710, 1.0003, 52.6454

Rectangle

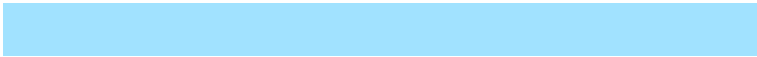
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



218.8200, -70.9033, 15.0669



185.4240, -10.5620, -112.6278



209.8710, 22.2486, -42.8599



208.6270, 22.8619, 40.6691

Sweetspot

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



218.8200, -70.9033, 15.0669



248.5450, -23.4397, 4.7840



123.7370, -24.0273, 100.2087



124.0530, -13.8301, 2.5845



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.



218.8200, -70.9033, 15.0669



230.2770, -90.8486, 19.0511



195.1990, -59.2581, -33.5005



118.6320, -5.2416, 1.1997



162.1270, -79.9286, 16.5516



49.3170, -24.3133, 4.9840

Inverse Universe

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



94.1800, 70.9033, -15.0669



70.4240, 90.9960, -19.6658



118.1000, 59.1107, 34.1153



109.3680, 5.2416, -1.1997



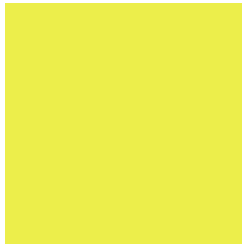
21.5740, 80.0760, -17.1664



6.6830, 24.3133, -4.9840

Previews

White Background



This preview shows how the YUV color 218.8200, -70.9033, 15.0669 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 218.8200, -70.9033, 15.0669 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 218.8200, -70.9033, 15.0669

Background



This preview shows how black text looks on a background with the YUV color 218.8200, -70.9033, 15.0669.

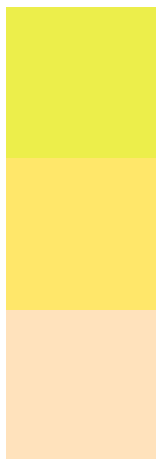


This preview shows how white text looks on a background with the YUV color 218.8200, -70.9033, 15.0669.

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

218.8200, -70.9033, 15.0669

Protanopia

223.9260, -58.1375, 27.2519

Deuteranopia

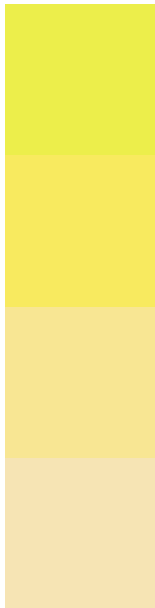
230.3390, -20.8731, 21.6277



Tritanopia

232.7230, 3.5876, 16.0289

Trichromacy



Original Color

218.8200, -70.9033, 15.0669

Protanomaly

222.3400, -62.7786, 22.5038

Deuteranomaly

225.9200, -38.9076, 19.3642

Tritanomaly

227.9100, -23.6196, 15.8649

Monochromacy



Original Color

218.8200, -70.9033, 15.0669

Achromatopsia

219.0000, 0.0000, 0.0000

Achromatomaly

218.9750, -25.6237, 5.2839

CSS Examples

Text

The CSS property to change the color of the text to YUV 218.8200, -70.9033, 15.0669 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(236, 238, 75)` looks like.

```
.text, #text, p{  
    color:rgb(236, 238, 75)  
}
```

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(236, 238, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 238, 75) }
```

Border

The CSS property to change the border of an element to YUV 218.8200, -70.9033, 15.0669 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(236, 238, 75) }
```


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

```
.border{ border-color:rgb(236, 238, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 238, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 238, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 238, 75);  
box-shadow:4px 4px 4px 4px rgb(236, 238,  
75) }
```

Background

The CSS property to change the background color of an element to YUV 218.8200, -70.9033, 15.0669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 238, 75) }
```

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

```
.background{ background-color: rgb(236,  
238, 75) }
```

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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