

Converting Colors

YUV(214.8240, -66.9612,
10.6784)

Have a look what the booklet for
YUV(214.8240, -66.9612, 10.6784)
contains.

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Color

**YUV(214.8240, -66.9612,
10.6784)**

Conversions

Conversions Part 1

Format	Color
Hex	E3EB4F
RGB	227, 235, 79
RGB Percent	89%, 92%, 31%
CMY	0.1098, 0.0784, 0.6902
CMYK	0.03, 0.00, 0.66, 0.08
HSL	63°, 80%, 62%
HSV	63°, 66%, 92%
XYZ	62.7982, 76.3121, 18.8170
YIQ	214.8240, 45.3080, -50.2120

Conversions

Conversions Part 2

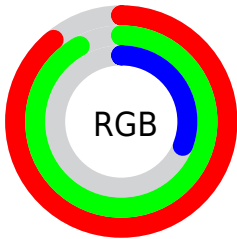
Format	Color
R_{YB}	79, 235, 87
Decimal	14936911
CIE _{Lab}	90.00, -21.43, 71.36
CIE _{LCh}	90, 74.511, 106.714
Yxy	76.3121, 0.3976, 0.4832
Android (android.graphics.Color)	4293126991 (0xFFE3EB4F)
YUV	214.8240, -66.9612, 10.6784
Hunter-Lab	87.3568, -24.5561, 48.3784

Details

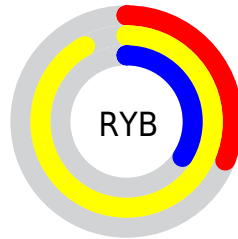
The YUV color **214.8240, -66.9612, 10.6784** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light muted yellow. A complement of this color would be **99.1760, 66.9612, -10.6784**, and the grayscale version is **215.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.4340, -51.9790, 11.8974**, and **155.4190, -76.1286, 11.0335** is the 20% darker color. If you saturate the color by 10%, you get **211.9030, -76.8602, 12.3631**, and if you desaturate by 10%, it is **217.8590, -56.6255, 8.8937**.

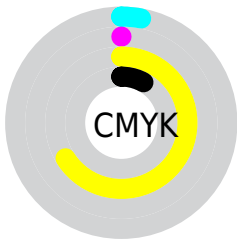
Distribution



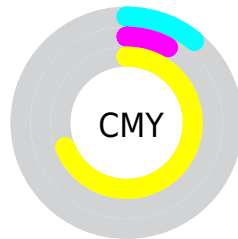
- Red (89%)
- Green (92%)
- Blue (31%)



- Red (31%)
- Yellow (92%)
- Blue (34%)



- Cyan (3%)
- Magenta (0%)
- Yellow (66%)
- Black (8%)



- Cyan (11%)
- Magenta (8%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 214.8240, -66.9612, 10.6784 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 214.8240, -66.9612, 10.6784 by changing the saturation by 10% instead.

214.8240,
-66.9612, 10.6784

214.8240,
-66.9612, 10.6784

255.0000, 0.0000,
0.0000

185.8840,
-67.9768, 9.7487

241.4340,
-51.9790, 11.8974

155.4190,
-76.1286, 11.0335

244.6260,
-39.7486, 9.0980

131.6710,
-64.9138, 7.3045

247.9320,
-27.0815, 6.1986

107.7380,
-53.1148, 2.8608

251.2380,
-14.4143, 3.2993


84.9900, -41.9001,
-0.8682


254.6580, -1.3104,
0.2999


62.8290, -30.9747,
-5.1120


41.2550, -20.3387,


-9.8706


 19.9580, -9.8393,
-17.5032


 0.0000, 0.0000,
0.0000

 214.8240,
-66.9612, 10.6784


 214.8240,
-66.9612, 10.6784


 211.9030,
-76.8602, 12.3631


 217.8590,
-56.6255, 8.8937

 208.8680,
-87.1959, 14.1478

 220.7800,
-46.7265, 7.2089

 205.6480,
-96.9475, 15.2177

 224.0000,
-36.9750, 6.1390

 204.6220,
-100.8786, 16.1175

 227.0350,
-26.6393, 4.3543

■ 230.0700,
-16.3035, 2.5696

■ 232.9910, -6.4046,
0.8849

■ 236.0260, 3.9312,
-0.8998

■ 237.8780, 8.4411,
-0.7700

■ 238.1770, 8.2937,
-0.1552

Harmonies

Analogous

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



209.3360, -63.2696, 40.0473



214.8240, -66.9612, 10.6784



204.5290, -39.7008, -53.0839

Triad

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



214.8240, -66.9612, 10.6784



178.7550, 37.5888, -156.7681



202.7570, 25.7558, 45.8171

Complementary

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



214.8240, -66.9612, 10.6784



99.1760, 66.9612, -10.6784

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.



217.4320, 18.5210, 32.9471



214.8240, -66.9612, 10.6784



171.7110, 41.0615, -150.5905

Square

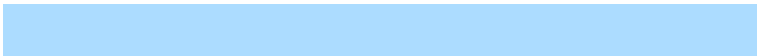
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



214.8240, -66.9612, 10.6784



178.7550, 37.5888, -156.7681



209.6380, 22.3635, -33.0085



194.0590, -2.4941, 53.4453

Rectangle

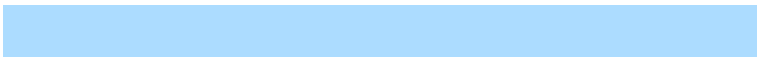
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



214.8240, -66.9612, 10.6784



182.4770, -7.6302, -119.6903



209.6380, 22.3635, -33.0085



206.8660, 23.7301, 42.2135

Sweetspot

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



214.8240, -66.9612, 10.6784



248.2890, -21.8345, 3.2545



130.3400, -25.3106, 91.7868



123.8680, -13.2459, 1.8698



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.



214.8240, -66.9612, 10.6784



228.7540, -87.6327, 14.2477



191.5020, -55.4635, -37.2743



115.7460, -4.8048, 1.0998



157.6750, -77.7338, 12.5630



46.9470, -23.1449, 3.5545

Inverse Universe

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



99.1760, 66.9612, -10.6784



77.2460, 87.6327, -14.2477



122.4980, 55.4635, 37.2743



107.2540, 4.8048, -1.0998



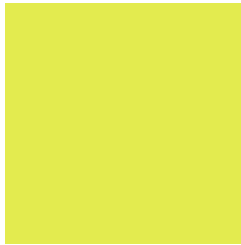
23.3250, 77.7338, -12.5630



7.0530, 23.1449, -3.5545

Previews

White Background



This preview shows how the YUV color 214.8240, -66.9612, 10.6784 looks on a white background.

Color Contrast Check

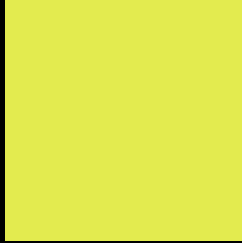
Large Text (above 18pt) WCAG AA × Fail

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 214.8240, -66.9612, 10.6784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

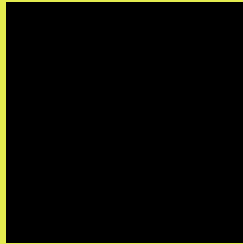
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 214.8240, -66.9612, 10.6784

Background



This preview shows how black text looks on a background with the YUV color 214.8240, -66.9612, 10.6784.



This preview shows how white text looks on a background with the YUV color 214.8240, -66.9612, 10.6784.

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

214.8240, -66.9612, 10.6784

Protanopia

217.6740, -69.3523, 30.9809

Deuteranopia

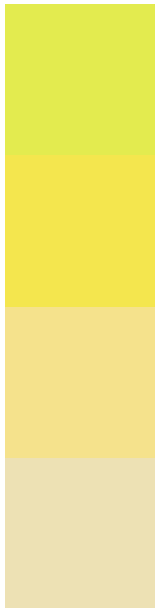
225.9220, -25.1045, 25.5014



Tritanopia

228.5160, 4.1826, 11.8255

Trichromacy



Original Color

214.8240, -66.9612, 10.6784

Protanomaly

216.8580, -68.4570, 23.8035

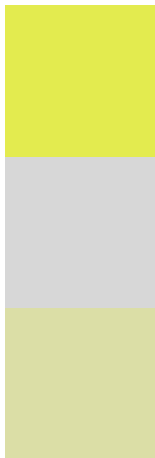
Deuteranomaly

221.8770, -40.3654, 20.2789

Tritanomaly

223.4580, -21.4248, 11.8763

Monochromacy



Original Color

214.8240, -66.9612, 10.6784

Achromatopsia

215.0000, 0.0000, 0.0000

Achromatomaly

214.7190, -24.0185, 3.7544

CSS Examples

Text

The CSS property to change the color of the text to YUV 214.8240, -66.9612, 10.6784 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(227, 235, 79)` looks like.

```
.text, #text, p{  
    color:rgb(227, 235, 79)  
}
```

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(227, 235, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 235, 79) }
```

Border

The CSS property to change the border of an element to YUV 214.8240, -66.9612, 10.6784 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(227, 235, 79) }
```


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

```
.border{ border-color:rgb(227, 235, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 235, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 235, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 235, 79);  
box-shadow:4px 4px 4px 4px rgb(227, 235,  
79) }
```

Background

The CSS property to change the background color of an element to YUV 214.8240, -66.9612, 10.6784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 235, 79) }
```

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

```
.background{ background-color: rgb(227,  
235, 79) }
```

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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