

Converting Colors

YUV(216.0190, -82.8334,
14.8923)

Have a look what the booklet for
YUV(216.0190, -82.8334, 14.8923)
contains.

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Color

**YUV(216.0190, -82.8334,
14.8923)**

Conversions

Conversions Part 1

Format	Color
Hex	E9F030
RGB	233, 240, 48
RGB Percent	91%, 94%, 19%
CMY	0.0863, 0.0588, 0.8118
CMYK	0.03, 0.00, 0.80, 0.06
HSL	62°, 86%, 56%
HSV	62°, 80%, 94%
XYZ	65.2979, 79.8572, 14.7687
YIQ	216.0190, 57.4600, -61.1960

Conversions

Conversions Part 2

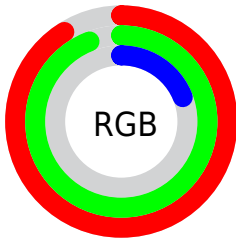
Format	Color
R_{YB}	48, 240, 55
Decimal	15331376
CIE _{Lab}	91.62, -22.69, 82.79
CIE _{LCh}	92, 85.847, 105.329
Yxy	79.8572, 0.4083, 0.4993
Android (android.graphics.Color)	4293521456 (0xFFE9F030)
YUV	216.0190, -82.8334, 14.8923
Hunter-Lab	89.3629, -25.9542, 52.7553

Details

The YUV color **216.0190, -82.8334, 14.8923** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **71.9810, 82.8334, -14.8923**, and the grayscale version is **217.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **238.6980, -62.4621, 14.2969**, and **159.7350, -78.7494, 11.6334** is the 20% darker color. If you saturate the color by 10%, you get **212.9840, -93.1691, 16.6770**, and if you desaturate by 10%, it is **219.0540, -72.4976, 13.1076**.

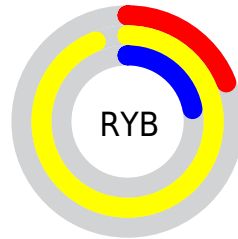
Distribution



Red (91%)

Green (94%)

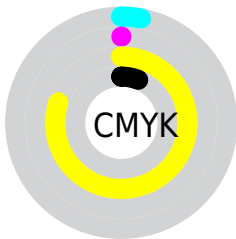
Blue (19%)



Red (19%)

Yellow (94%)

Blue (22%)

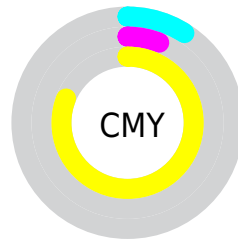


Cyan (3%)

Magenta (0%)

Yellow (80%)

Black (6%)



Cyan (9%)

Magenta (6%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 216.0190, -82.8334, 14.8923 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 216.0190, -82.8334, 14.8923 by changing the saturation by 10% instead.

216.0190,
-82.8334, 14.8923

216.0190,
-82.8334, 14.8923

255.0000, 0.0000,
0.0000

185.1410,
-91.2745, 15.6623

238.6980,
-62.4621, 14.2969

159.7350,
-78.7494, 11.6334

242.0040,
-49.7950, 11.3975

135.2150,
-66.6610, 7.7044

245.4240,
-36.6910, 8.3982

111.2820,
-54.8620, 3.2607

248.7300,
-24.0239, 5.4988

88.2350, -43.4999,
-1.0831

252.1500,
-10.9200, 2.4994

65.7750, -32.4271,
-5.9417

44.2010, -21.7911,

-10.7003

■ 22.6160, -11.1497,
-17.2032

■ 6.4570, -3.1833,
-5.6628

■ 216.0190,
-82.8334, 14.8923

■ 216.0190,
-82.8334, 14.8923

■ 212.9840,
-93.1691, 16.6770

■ 219.0540,
-72.4976, 13.1076

■ 209.9490,
-103.5049, 18.4617

■ 222.0890,
-62.1619, 11.3229

■ 225.1240,
-51.8261, 9.5383

■ 227.8600,
-41.3430, 7.1388

■ 230.8950,
-31.0072, 5.3541

■ 233.9300,
-20.6715, 3.5694

■ 236.9650,
-10.3357, 1.7847

■ 240.0000, 0.0000,
0.0000

■ 242.0090, 6.4046,
-0.8849

Harmonies

Analogous

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



207.1870, -74.0422, 41.9320



216.0190, -82.8334, 14.8923



202.8460, -47.2521, -57.7469

Triad

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



216.0190, -82.8334, 14.8923



178.7550, 37.5888, -156.7681



198.0610, 28.0709, 49.9355

Complementary

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



216.0190, -82.8334, 14.8923



71.9810, 82.8334, -14.8923

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.



216.8450, 18.8104, 33.4619



216.0190, -82.8334, 14.8923



176.9940, 38.4570, -155.2237

Square

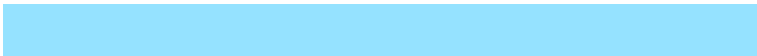
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



216.0190, -82.8334, 14.8923



178.7550, 37.5888, -156.7681



206.2830, 24.0175, -50.2372



187.9440, 1.9996, 58.8081

Rectangle

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



216.0190, -82.8334, 14.8923



167.6970, -4.7806, -147.0703



206.2830, 24.0175, -50.2372



203.3440, 25.4664, 45.3023

Sweetspot

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



216.0190, -82.8334, 14.8923



247.4480, -26.3499, 4.8691



108.9300, -30.0385, 114.9484



123.1840, -15.8667, 2.4696



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.



216.0190, -82.8334, 14.8923



224.3790, -105.6888, 18.9616



187.6140, -68.8297, -43.5115



118.3330, -5.0942, 0.5850



160.9310, -79.3390, 14.0925



49.0180, -24.1659, 4.3692

Inverse Universe

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



71.9810, 82.8334, -14.8923



40.6210, 105.6888, -18.9616



100.3860, 68.8297, 43.5115



109.3680, 5.2416, -1.1997



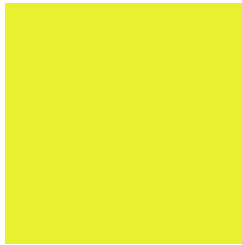
23.0690, 79.3390, -14.0925



6.9820, 24.1659, -4.3692

Previews

White Background



This preview shows how the YUV color 216.0190, -82.8334, 14.8923 looks on a white background.

Color Contrast Check

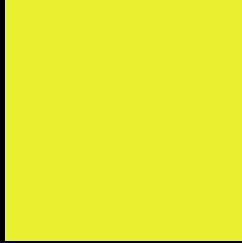
Large Text (above 18pt) WCAG AA × Fail

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 216.0190, -82.8334, 14.8923 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

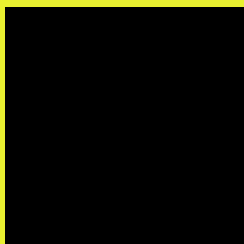
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 216.0190, -82.8334, 14.8923

Background



This preview shows how black text looks on a background with the YUV color 216.0190, -82.8334, 14.8923.



This preview shows how white text looks on a background with the YUV color 216.0190, -82.8334,

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

216.0190, -82.8334, 14.8923

Protanopia

224.2680, -56.8271, 26.9520

Deuteranopia

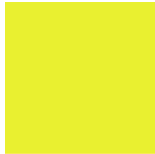
230.4530, -20.4363, 21.5277



Tritanopia

232.8260, 4.0298, 14.1846

Trichromacy



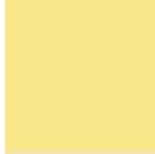
Original Color

216.0190, -82.8334, 14.8923



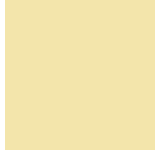
Protanomaly

221.1290, -66.1256, 22.6889



Deuteranomaly

225.1820, -42.9807, 19.1344



Tritanomaly

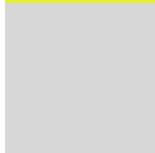
226.5740, -27.3980, 14.4056

Monochromacy



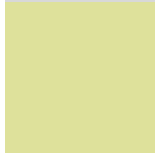
Original Color

216.0190, -82.8334, 14.8923



Achromatopsia

216.0000, 0.0000, 0.0000



Achromatomaly

216.1230, -30.1336, 5.1541

CSS Examples

Text

The CSS property to change the color of the text to YUV 216.0190, -82.8334, 14.8923 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(233, 240, 48)` looks like.

```
.text, #text, p{  
    color:rgb(233, 240, 48)  
}
```

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(233, 240, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 240, 48) }
```

Border

The CSS property to change the border of an element to YUV 216.0190, -82.8334, 14.8923 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(233, 240, 48) }
```


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

```
.border{ border-color:rgb(233, 240, 48) }
```

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

Here you see how a box with a 4 pixel rgb(233, 240, 48) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 240, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 240, 48);  
box-shadow:4px 4px 4px 4px rgb(233, 240,  
48) }
```

Background

The CSS property to change the background color of an element to YUV 216.0190, -82.8334, 14.8923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 240, 48) }
```

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

```
.background{ background-color: rgb(233,  
240, 48) }
```

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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