

Converting Colors

YUV(214.2150, -83.4230,
17.3514)

Have a look what the booklet for
YUV(214.2150, -83.4230, 17.3514)
contains.

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Color

**YUV(214.2150, -83.4230,
17.3514)**

Conversions

Conversions Part 1

Format	Color
Hex	EAED2D
RGB	234, 237, 45
RGB Percent	92%, 93%, 18%
CMY	0.0824, 0.0706, 0.8235
CMYK	0.01, 0.00, 0.81, 0.07
HSL	61°, 84%, 55%
HSV	61°, 81%, 93%
XYZ	64.6895, 78.2503, 14.1769
YIQ	214.2150, 59.8440, -60.3480

Conversions

Conversions Part 2

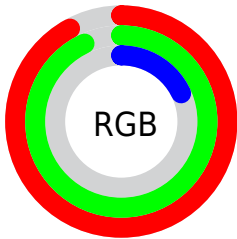
Format	Color
R _Y B	45, 237, 48
Decimal	15396141
CIE Lab	90.89, -20.94, 82.93
CIE LCh	91, 85.533, 104.169
Yxy	78.2503, 0.4117, 0.4980
Android (android.graphics.Color)	4293586221 (0xFFEAED2D)
YUV	214.2150, -83.4230, 17.3514
Hunter-Lab	88.4592, -24.2679, 52.4193

Details

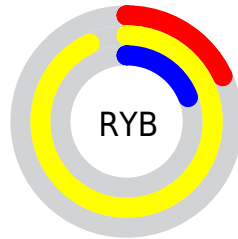
The YUV color **214.2150, -83.4230, 17.3514** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **67.7850, 83.4230, -17.3514**, and the grayscale version is **215.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **238.4700, -63.3357, 14.4968**, and **158.2730, -78.0286, 13.7926** is the 20% darker color. If you saturate the color by 10%, you get **211.4790, -93.9061, 19.7509**, and if you desaturate by 10%, it is **216.9510, -72.9398, 14.9520**.

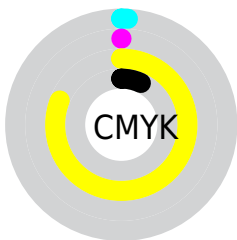
Distribution



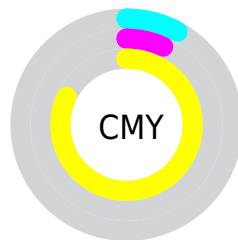
- Red (92%)
- Green (93%)
- Blue (18%)



- Red (18%)
- Yellow (93%)
- Blue (19%)



- Cyan (1%)
- Magenta (0%)
- Yellow (81%)
- Black (7%)



- Cyan (8%)
- Magenta (7%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 214.2150, -83.4230, 17.3514 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 214.2150, -83.4230, 17.3514 by changing the saturation by 10% instead.

214.2150,
-83.4230, 17.3514

214.2150,
-83.4230, 17.3514

255.0000, 0.0000,
0.0000

183.6790,
-90.5537, 17.8215

238.4700,
-63.3357, 14.4968

158.2730,
-78.0286, 13.7926

241.7760,
-50.6686, 11.5974

134.3400,
-66.2296, 9.3488

245.0820,
-38.0014, 8.6981

110.4070,
-54.4307, 4.9051

248.5020,
-24.8975, 5.6987

87.3600, -43.0685,
0.5613

251.9220,
-11.7935, 2.6994

64.9000, -31.9957,
-4.2973

43.3260, -21.3597,

-9.0559

■ 22.6270, -11.1551,
-15.4589

■ 3.5220, -1.7363,
-3.0888

■ 214.2150,
-83.4230, 17.3514

■ 214.2150,
-83.4230, 17.3514

■ 211.4790,
-93.9061, 19.7509

■ 216.9510,
-72.9398, 14.9520

■ 208.7860,
-102.9315, 21.2357

■ 219.8720,
-63.0409, 13.2673

■ 222.6080,
-52.5577, 10.8678

■ 225.3440,
-42.0746, 8.4683

■ 228.2650,
-32.1756, 6.7836

■ 231.0010,
-21.6925, 4.3841

■ 234.0360,
-11.3567, 2.5994

■ 236.7720, -0.8736,
0.2000

■ 239.0520, 7.8624,
-1.7996

Harmonies

Analogous

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



205.4260, -73.1740, 43.4764



214.2150, -83.4230, 17.3514



203.2870, -49.4415, -55.5027

Triad

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



214.2150, -83.4230, 17.3514



178.7550, 37.5888, -156.7681



197.4740, 28.3603, 50.4503

Complementary

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



214.2150, -83.4230, 17.3514



67.7850, 83.4230, -17.3514

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



214.2150, -83.4230, 17.3514



175.8200, 39.0357, -154.1941

Square

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



214.2150, -83.4230, 17.3514



178.7550, 37.5888, -156.7681



202.4070, 25.9283, -56.4849



186.8840, 3.0152, 59.7377

Rectangle

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



214.2150, -83.4230, 17.3514



167.2410, -6.5278, -146.6704



202.4070, 25.9283, -56.4849



202.7570, 25.7558, 45.8171

Sweetspot

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



214.2150, -83.4230, 17.3514



247.7470, -26.4973, 5.4839



102.4080, -28.3021, 118.0372



123.4830, -16.0141, 3.0844



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.



214.2150, -83.4230, 17.3514



225.6460, -107.2995, 22.2355



186.4080, -69.7141, -39.8228



115.7460, -4.8048, 1.0998



159.4690, -78.6182, 16.2517



47.5450, -23.4397, 4.7840

Inverse Universe

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



67.7850, 83.4230, -17.3514



37.3540, 107.2995, -22.2355



95.5920, 69.7141, 39.8228



107.2540, 4.8048, -1.0998



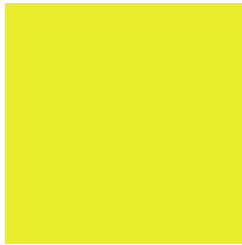
21.5310, 78.6182, -16.2517



6.4550, 23.4397, -4.7840

Previews

White Background



This preview shows how the YUV color 214.2150, -83.4230, 17.3514 looks on a white background.

Color Contrast Check

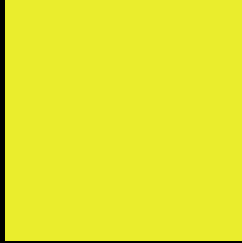
Large Text (above 18pt) WCAG AA × Fail

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 214.2150, -83.4230, 17.3514 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 214.2150, -83.4230, 17.3514

Background



This preview shows how black text looks on a background with the YUV color 214.2150, -83.4230, 17.3514.



This preview shows how white text looks on a background with the YUV color 214.2150, -83.4230, 17.3514.

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

214.2150, -83.4230, 17.3514

Protanopia

220.2440, -67.1683, 30.4810

Deuteranopia

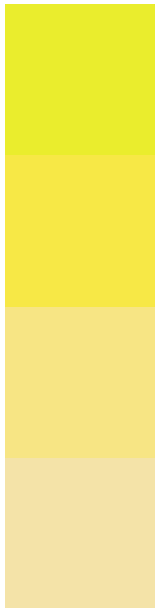
228.4810, -22.9151, 23.2572



Tritanopia

231.6090, 3.1508, 16.1289

Trichromacy



Original Color

214.2150, -83.4230, 17.3514

Protanomaly

218.0170, -72.9724, 25.4181

Deuteranomaly

223.3240, -45.0227, 20.7639

Tritanomaly

225.3570, -28.2770, 16.3499

Monochromacy



Original Color

214.2150, -83.4230, 17.3514

Achromatopsia

214.0000, 0.0000, 0.0000

Achromatomaly

213.8350, -29.9917, 6.2837

CSS Examples

Text

The CSS property to change the color of the text to YUV 214.2150, -83.4230, 17.3514 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(234, 237, 45)` looks like.

```
.text, #text, p{  
    color:rgb(234, 237, 45)  
}
```

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(234, 237, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 237, 45) }
```

Border

The CSS property to change the border of an element to YUV 214.2150, -83.4230, 17.3514 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(234, 237, 45) }
```


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

```
.border{ border-color:rgb(234, 237, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 237, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 237, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 237, 45);  
box-shadow:4px 4px 4px 4px rgb(234, 237,  
45) }
```

Background

The CSS property to change the background color of an element to YUV 214.2150, -83.4230, 17.3514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 237, 45) }
```

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

```
.background{ background-color: rgb(234,  
237, 45) }
```

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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