

Converting Colors

YUV(214.3260, -71.6457,
19.8851)

Have a look what the booklet for
YUV(214.3260, -71.6457, 19.8851)
contains.

YUV(214.3260, -71.6457, 19.8851)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(214.3260, -71.6457,
19.8851)**

Conversions

Conversions Part 1

Format	Color
Hex	EDE745
RGB	237, 231, 69
RGB Percent	93%, 91%, 27%
CMY	0.0706, 0.0941, 0.7294
CMYK	0.00, 0.03, 0.71, 0.07
HSL	58°, 82%, 60%
HSV	58°, 71%, 93%
XYZ	64.5751, 75.5860, 16.8163
YIQ	214.3260, 55.5780, -49.1100

Conversions

Conversions Part 2

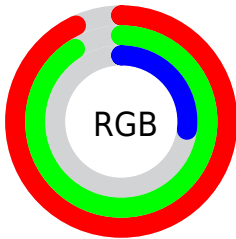
Format	Color
RYB	75, 237, 69
Decimal	15591237
CIELab	89.67, -15.91, 74.88
CIELCh	90, 76.550, 101.993
Yxy	75.5860, 0.4114, 0.4815
Android (android.graphics.Color)	4293781317 (0xFFE745)
YUV	214.3260, -71.6457, 19.8851
Hunter-Lab	86.9402, -19.5639, 49.3901

Details

The YUV color **214.3260, -71.6457, 19.8851** 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 **91.6740, 71.6457, -19.8851**, and the grayscale version is **215.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.4080, -55.9101, 12.7972**, and **156.2350, -77.0239, 18.2109** is the 20% darker color. If you saturate the color by 10%, you get **211.0030, -81.8395, 22.7994**, and if you desaturate by 10%, it is **217.6490, -61.4520, 16.9708**.

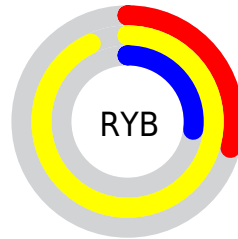
Distribution



Red (93%)

Green (91%)

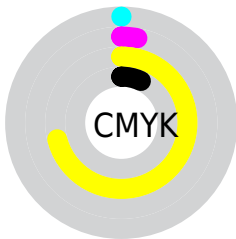
Blue (27%)



Red (29%)

Yellow (93%)

Blue (27%)

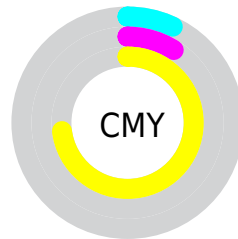


Cyan (0%)

Magenta (3%)

Yellow (71%)

Black (7%)



Cyan (7%)

Magenta (9%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 214.3260, -71.6457, 19.8851 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 214.3260, -71.6457, 19.8851 by changing the saturation by 10% instead.

214.3260,
-71.6457, 19.8851

214.3260,
-71.6457, 19.8851

255.0000, 0.0000,
0.0000

185.0440,
-73.9717, 19.2554

240.4080,
-55.9101, 12.7972

156.2350,
-77.0239, 18.2109

243.7140,
-43.2430, 9.8978

131.7150,
-64.9355, 14.2819

246.9060,
-31.0127, 7.0984

108.6680,
-53.5733, 9.9382

250.2120,
-18.3455, 4.1991

85.6210, -42.2112,
5.5944

253.6320, -5.2416,
1.1997

63.4600, -31.2858,
1.3506

42.7720, -21.0866,

-3.3080

■ 22.3720, -11.0294,
-9.0962

■ 0.0000, 0.0000,
0.0000

■ 214.3260,
-71.6457, 19.8851

■ 214.3260,
-71.6457, 19.8851

■ 211.0030,
-81.8395, 22.7994

■ 217.6490,
-61.4520, 16.9708

■ 207.7940,
-91.5964, 25.6137

■ 220.8580,
-51.6950, 14.1565

■ 205.2860,
-101.2060, 27.8132

■ 224.1810,
-41.5012, 11.2423

■ 226.9170,
-31.0181, 8.8428

■ 230.1260,
-21.2611, 6.0285

■ 233.4490,
-11.0674, 3.1142

■ 236.7720, -0.8736,
0.2000

■ 239.6390, 7.5730,
-2.3144

■ 240.2260, 7.2836,
-2.8292

Harmonies

Analogous

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



206.2870, -62.2595, 42.7213



214.3260, -71.6457, 19.8851



204.7600, -46.7167, -42.7625

Triad

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



214.3260, -71.6457, 19.8851



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.



214.3260, -71.6457, 19.8851



91.6740, 71.6457, -19.8851

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.



219.1930, 17.6529, 31.4027



214.3260, -71.6457, 19.8851



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.



214.3260, -71.6457, 19.8851



178.6410, 37.1520, -156.6682



202.7170, 25.7755, -54.1258



192.2640, 3.3208, 55.0195

Rectangle

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



214.3260, -71.6457, 19.8851



188.3560, -17.4305, -102.9212



202.7170, 25.7755, -54.1258



207.4530, 23.4407, 41.6987

Sweetspot

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



214.3260, -71.6457, 19.8851



247.6700, -23.0083, 6.4284



120.1440, -21.2700, 102.4827



123.1780, -13.3988, 4.2289



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.



214.3260, -71.6457, 19.8851



225.5660, -92.4700, 25.8136



195.1240, -62.1791, -29.9267



115.7460, -4.8048, 1.0998



156.8440, -77.3241, 21.1848



46.6700, -23.0083, 6.4284

Inverse Universe

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



91.6740, 71.6457, -19.8851



67.4340, 92.4700, -25.8136



110.8760, 62.1791, 29.9267



107.2540, 4.8048, -1.0998



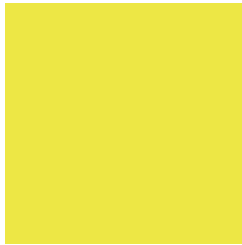
24.1560, 77.3241, -21.1848



7.3300, 23.0083, -6.4284

Previews

White Background



This preview shows how the YUV color 214.3260, -71.6457, 19.8851 looks on a white background.

Color Contrast Check

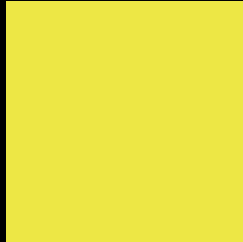
Large Text (above 18pt) WCAG AA × Fail

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 214.3260, -71.6457, 19.8851 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 214.3260, -71.6457, 19.8851 Background



This preview shows how black text looks on a background with the YUV color 214.3260, -71.6457, 19.8851.



This preview shows how white text looks on a background with the YUV color 214.3260, -71.6457, 19.8851.

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

214.3260, -71.6457, 19.8851

Protanopia

216.0610, -72.9941, 32.3955

Deuteranopia

224.9930, -26.1255, 26.3161



Tritanopia

228.4030, 2.2663, 19.8176

Trichromacy



Original Color

214.3260, -71.6457, 19.8851

Protanomaly

215.4410, -72.6884, 27.6772

Deuteranomaly

221.0300, -42.4128, 23.6527

Tritanomaly

223.0030, -24.6515, 20.1684

Monochromacy



Original Color

214.3260, -71.6457, 19.8851

Achromatopsia

214.0000, 0.0000, 0.0000

Achromatomaly

213.8720, -26.0659, 7.1283

CSS Examples

Text

The CSS property to change the color of the text to YUV 214.3260, -71.6457, 19.8851 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(237, 231, 69)` looks like.

```
.text, #text, p{  
    color:rgb(237, 231, 69)  
}
```

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(237, 231, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 231, 69) }
```

Border

The CSS property to change the border of an element to YUV 214.3260, -71.6457, 19.8851 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(237, 231, 69) }
```


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

```
.border{ border-color:rgb(237, 231, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 231, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 231, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 231, 69);  
box-shadow:4px 4px 4px 4px rgb(237, 231,  
69) }
```

Background

The CSS property to change the background color of an element to YUV 214.3260, -71.6457, 19.8851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 231, 69) }
```

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

```
.background{ background-color: rgb(237,  
231, 69) }
```

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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