

Converting Colors

YUV(215.8950, -81.2932,
34.2951)

Have a look what the booklet for
YUV(215.8950, -81.2932, 34.2951)
contains.

YUV(215.8950, -81.2932, 34.2951)	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(215.8950, -81.2932,
34.2951)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE433
RGB	255, 228, 51
RGB Percent	100%, 89%, 20%
CMY	0.0000, 0.1059, 0.8000
CMYK	0.00, 0.11, 0.80, 0.00
HSL	52°, 100%, 60%
HSV	52°, 80%, 100%
XYZ	69.5809, 76.9858, 14.3244
YIQ	215.8950, 72.9090, -49.3230

Conversions

Conversions Part 2

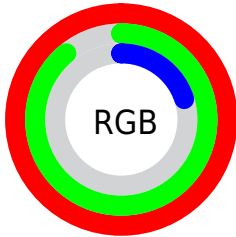
Format	Color
R _Y B	82, 255, 51
Decimal	16770099
CIE Lab	90.32, -7.62, 81.58
CIE LCh	90, 81.938, 95.339
Yxy	76.9858, 0.4325, 0.4785
Android (android.graphics.Color)	4294960179 (0xFFFFE433)
YUV	215.8950, -81.2932, 34.2951
Hunter-Lab	87.7416, -11.9934, 51.7396

Details

The YUV color **215.8950, -81.2932, 34.2951** is a light color, and the websafe version is hex **FFCC00**. The color can be described as light washed yellow. A complement of this color would be **90.1050, 81.2932, -34.2951**, and the grayscale version is **217.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **238.8120, -62.0253, 14.1969**, and **159.5570, -78.6616, 30.2065** is the 20% darker color. If you saturate the color by 10%, you get **211.1700, -91.7818, 38.4389**, and if you desaturate by 10%, it is **220.6200, -70.8047, 30.1513**.

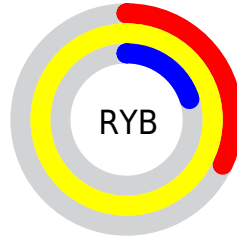
Distribution



Red (100%)

Green (89%)

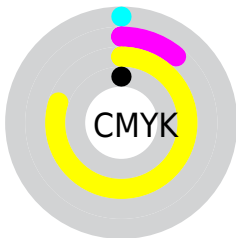
Blue (20%)



Red (32%)

Yellow (100%)

Blue (20%)

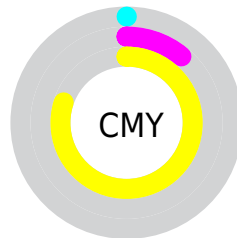


Cyan (0%)

Magenta (11%)

Yellow (80%)

Black (0%)



Cyan (0%)

Magenta (11%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 215.8950, -81.2932, 34.2951 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 215.8950, -81.2932, 34.2951 by changing the saturation by 10% instead.

215.8950,
-81.2932, 34.2951

215.8950,
-81.2932, 34.2951

255.0000, 0.0000,
0.0000

184.3760,
-90.8974, 34.7502

238.8120,
-62.0253, 14.1969

159.5570,
-78.6616, 30.2065

242.1180,
-49.3582, 11.2975

135.3250,
-66.7152, 25.1480

245.4240,
-36.6910, 8.3982

111.3920,
-54.9163, 20.7042

248.7300,
-24.0239, 5.4988

88.6330, -43.6961,
15.2309

252.1500,
-10.9200, 2.4994

66.1730, -32.6233,
10.3723

45.4850, -22.4241,

5.7137

■ 25.6830, -12.6617,
1.1550

■ 1.1740, -0.5788,
-1.0296

■ 215.8950,
-81.2932, 34.2951

■ 215.8950,
-81.2932, 34.2951

■ 211.1700,
-91.7818, 38.4389

■ 220.6200,
-70.8047, 30.1513

■ 205.9720,
-101.5442, 42.9976

■ 225.8180,
-61.0423, 25.5926

■ 230.5430,
-50.5537, 21.4488

■ 235.7410,
-40.7913, 16.8901

■ 240.4660,
-30.3027, 12.7463

■ 245.0770,
-20.2510, 8.7025

■ 250.3890,
-10.0518, 4.0438

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



202.0640, -60.6706, 46.4249



215.8950, -81.2932, 34.2951



207.4490, -58.3954, -30.2118

Triad

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



215.8950, -81.2932, 34.2951



178.7550, 37.5888, -156.7681



203.3440, 25.4664, 45.3023

Complementary

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



215.8950, -81.2932, 34.2951



90.1050, 81.2932, -34.2951

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.



220.6220, 16.9484, 24.0105



215.8950, -81.2932, 34.2951



177.5810, 38.1676, -155.7385

Square

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



215.8950, -81.2932, 34.2951



176.9310, 30.6000, -155.1685



183.4930, 35.2530, -107.4264



190.0930, 12.7722, 56.9234

Rectangle

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



215.8950, -81.2932, 34.2951



193.2520, -29.7042, -86.1670



183.4930, 35.2530, -107.4264



209.8010, 22.2831, 39.6395

Sweetspot

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



215.8950, -81.2932, 34.2951



243.3500, -24.3295, 10.2171



115.0740, -18.2775, 122.7151



120.8470, -14.7146, 6.2732



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.



215.8950, -81.2932, 34.2951



208.2860, -97.7550, 40.9682



209.3190, -78.0513, -25.7128



125.3440, -5.0996, 2.3293



154.5510, -76.1936, 31.9658



51.4210, -25.3506, 11.0318

Inverse Universe

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



90.1050, 81.2932, -34.2951



57.3010, 97.4656, -41.4830



96.6810, 78.0513, 25.7128



117.0690, 5.3890, -1.8145



36.4490, 76.1936, -31.9658



11.9920, 25.6399, -10.5170

Previews

White Background



This preview shows how the YUV color 215.8950, -81.2932, 34.2951 looks on a white background.

Color Contrast Check

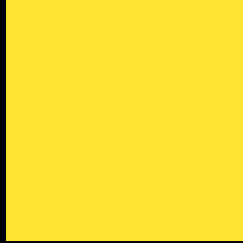
Large Text (above 18pt) WCAG AA × Fail

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 215.8950, -81.2932, 34.2951 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 215.8950, -81.2932, 34.2951 Background



This preview shows how black text looks on a background with the YUV color 215.8950, -81.2932, 34.2951.



This preview shows how white text looks on a background with the YUV color 215.8950, -81.2932, 34.2951.

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

215.8950, -81.2932, 34.2951

Protanopia

217.1490, -76.4885, 33.1953

Deuteranopia

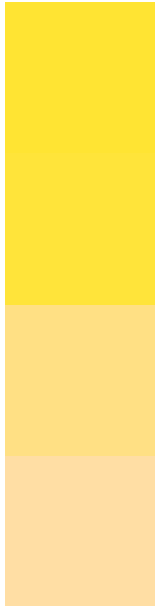
226.8510, -24.0835, 24.6867



Tritanopia

230.2030, -1.0861, 21.7470

Trichromacy



Original Color

215.8950, -81.2932, 34.2951

Protanomaly

216.6930, -78.2356, 33.5952

Deuteranomaly

222.7810, -44.7550, 28.2561

Tritanomaly

225.2550, -30.1987, 26.0864

Monochromacy



Original Color

215.8950, -81.2932, 34.2951

Achromatopsia

216.0000, 0.0000, 0.0000

Achromatomaly

215.6940, -29.4291, 12.5464

CSS Examples

Text

The CSS property to change the color of the text to YUV 215.8950, -81.2932, 34.2951 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(255, 228, 51)` looks like.

```
.text, #text, p{  
    color:rgb(255, 228, 51)  
}
```

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(255, 228, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 228, 51) }
```

Border

The CSS property to change the border of an element to YUV 215.8950, -81.2932, 34.2951 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(255, 228, 51) }
```


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

```
.border{ border-color:rgb(255, 228, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 228, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 228, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 228, 51);  
box-shadow:4px 4px 4px 4px rgb(255, 228,  
51) }
```

Background

The CSS property to change the background color of an element to YUV 215.8950, -81.2932, 34.2951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 228, 51) }
```

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

```
.background{ background-color: rgb(255,  
228, 51) }
```

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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