

Converting Colors

YUV(215.5140, -80.1194,
31.1212)

Have a look what the booklet for
YUV(215.5140, -80.1194, 31.1212)
contains.

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Color

**YUV(215.5140, -80.1194,
31.1212)**

Conversions

Conversions Part 1

Format	Color
Hex	FBE535
RGB	251, 229, 53
RGB Percent	98%, 90%, 21%
CMY	0.0157, 0.1020, 0.7922
CMYK	0.00, 0.09, 0.79, 0.02
HSL	53°, 96%, 60%
HSV	53°, 79%, 98%
XYZ	68.4456, 76.8049, 14.5855
YIQ	215.5140, 69.6080, -50.0720

Conversions

Conversions Part 2

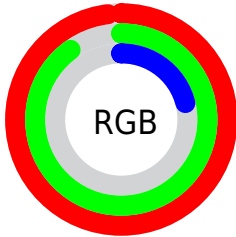
Format	Color
R_{YB}	78, 251, 53
Decimal	16508213
CIE Lab	90.23, -9.73, 80.82
CIE LCh	90, 81.408, 96.864
Yxy	76.8049, 0.4282, 0.4805
Android (android.graphics.Color)	4294698293 (0xFFFBE535)
YUV	215.5140, -80.1194, 31.1212
Hunter-Lab	87.6384, -13.9587, 51.4793

Details

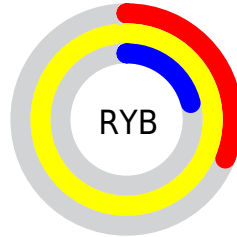
The YUV color **215.5140, -80.1194, 31.1212** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **88.4860, 80.1194, -31.1212**, and the grayscale version is **216.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **239.0400, -61.1517, 13.9969**, and **158.9480, -78.3614, 27.2326** is the 20% darker color. If you saturate the color by 10%, you get **210.9030, -90.1712, 35.1651**, and if you desaturate by 10%, it is **220.1250, -70.0676, 27.0774**.

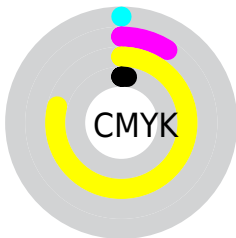
Distribution



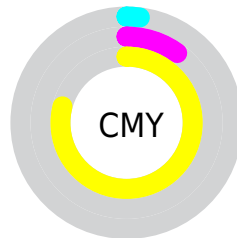
- Red (98%)
- Green (90%)
- Blue (21%)



- Red (31%)
- Yellow (98%)
- Blue (21%)



- Cyan (0%)
- Magenta (9%)
- Yellow (79%)
- Black (2%)



- Cyan (2%)
- Magenta (10%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 215.5140, -80.1194, 31.1212 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 215.5140, -80.1194, 31.1212 by changing the saturation by 10% instead.

215.5140,
-80.1194, 31.1212

215.5140,
-80.1194, 31.1212

255.0000, 0.0000,
0.0000

183.8810,
-90.1603, 31.6764

239.0400,
-61.1517, 13.9969

158.9480,
-78.3614, 27.2326

242.3460,
-48.4846, 11.0976

134.7160,
-66.4150, 22.1741

245.6520,
-35.8174, 8.1982

110.7830,
-54.6160, 17.7303

248.9580,
-23.1503, 5.2988

88.3230, -43.5432,
12.8717

252.2640,
-10.4832, 2.3995

65.8630, -32.4705,
8.0131

45.1750, -22.2713,

3.3545

■ 25.3730, -12.5089,
-1.2041

■ 1.1740, -0.5788,
-1.0296

■ 215.5140,
-80.1194, 31.1212

■ 215.5140,
-80.1194, 31.1212

■ 210.9030,
-90.1712, 35.1651

■ 220.1250,
-70.0676, 27.0774

■ 206.2920,
-100.2230, 39.2089

■ 224.7360,
-60.0158, 23.0335

■ 205.9500,
-101.5333, 39.5089

■ 228.7600,
-49.6747, 19.5045

■ 233.3710,
-39.6229, 15.4606

■ 238.0960,
-29.1343, 11.3168

■ 242.7070,
-19.0826, 7.2730

■ 247.3180, -9.0308,
3.2291

■ 251.3420, 1.3104,
-0.2999

■ 253.2170, 0.8790,
-1.9443

Harmonies

Analogous

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



203.1240, -61.6861, 45.4953



215.5140, -80.1194, 31.1212



207.2960, -56.3479, -33.5856

Triad

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



215.5140, -80.1194, 31.1212



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.



215.5140, -80.1194, 31.1212



88.4860, 80.1194, -31.1212

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.



221.8290, 16.3533, 28.2140



215.5140, -80.1194, 31.1212



176.4070, 38.7463, -154.7089

Square

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



215.5140, -80.1194, 31.1212



177.3870, 32.3472, -155.5684



189.4950, 32.2940, -91.6421



190.2240, 10.7356, 56.8086

Rectangle

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



215.5140, -80.1194, 31.1212



191.6150, -26.9252, -90.8704



189.4950, 32.2940, -91.6421



208.6270, 22.8619, 40.6691

Sweetspot

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



215.5140, -80.1194, 31.1212



243.9370, -24.6189, 9.7023



114.8240, -19.1402, 119.4264



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.



215.5140, -80.1194, 31.1212



211.5630, -97.8916, 38.0942



205.7040, -75.2831, -26.9274



122.9310, -5.3890, 1.8145



155.1270, -76.4776, 29.7066



49.9370, -24.6189, 9.7023

Inverse Universe

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



88.4860, 80.1194, -31.1212



56.4370, 97.8916, -38.0942



98.2960, 75.2831, 26.9274



114.6560, 5.0996, -2.3293



33.8730, 76.4776, -29.7066



11.0630, 24.6189, -9.7023

Previews

White Background



This preview shows how the YUV color 215.5140, -80.1194, 31.1212 looks on a white background.

Color Contrast Check

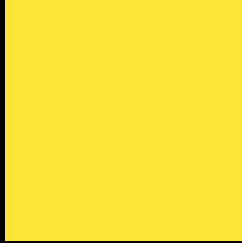
Large Text (above 18pt) WCAG AA × Fail

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 215.5140, -80.1194, 31.1212 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 215.5140, -80.1194, 31.1212

Background



This preview shows how black text looks on a background with the YUV color 215.5140, -80.1194, 31.1212.

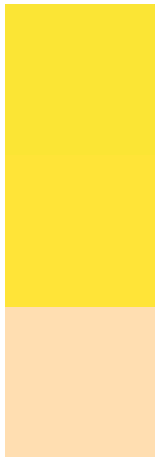


This preview shows how white text looks on a background with the YUV color 215.5140, -80.1194, 31.1212.

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

215.5140, -80.1194, 31.1212

Protanopia

216.4650, -79.1092, 33.7952

Deuteranopia

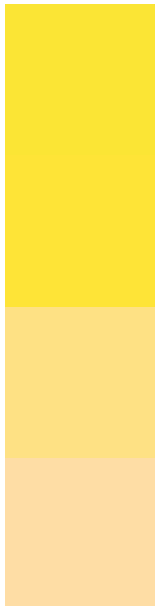
226.7370, -24.5203, 24.7867



Tritanopia

229.7300, -0.3599, 22.1618

Trichromacy



Original Color

215.5140, -80.1194, 31.1212

Protanomaly

216.0520, -79.3986, 33.2804

Deuteranomaly

223.0690, -44.8970, 27.1265

Tritanomaly

224.4830, -29.3251, 25.8864

Monochromacy



Original Color

215.5140, -80.1194, 31.1212

Achromatopsia

216.0000, 0.0000, 0.0000

Achromatomaly

216.0960, -29.1343, 11.3168

CSS Examples

Text

The CSS property to change the color of the text to YUV 215.5140, -80.1194, 31.1212 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(251, 229, 53)` looks like.

```
.text, #text, p{  
    color:rgb(251, 229, 53)  
}
```

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(251, 229, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 229, 53) }
```

Border

The CSS property to change the border of an element to YUV 215.5140, -80.1194, 31.1212 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(251, 229, 53) }
```


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

```
.border{ border-color:rgb(251, 229, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 229, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 229, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 229, 53);  
box-shadow:4px 4px 4px 4px rgb(251, 229,  
53) }
```

Background

The CSS property to change the background color of an element to YUV 215.5140, -80.1194, 31.1212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 229, 53) }
```

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

```
.background{ background-color: rgb(251,  
229, 53) }
```

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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