

Converting Colors

YUV(216.5140, -100.3324,
27.6132)

Have a look what the booklet for
YUV(216.5140, -100.3324, 27.6132)
contains.

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Color

**YUV(216.5140, -100.3324,
27.6132)**

Conversions

Conversions Part 1

Format	Color
Hex	F8F00D
RGB	248, 240, 13
RGB Percent	97%, 94%, 5%
CMY	0.0275, 0.0588, 0.9490
CMYK	0.00, 0.03, 0.95, 0.03
HSL	58°, 94%, 51%
HSV	58°, 95%, 97%
XYZ	69.9441, 82.3057, 12.5809
YIQ	216.5140, 77.6350, -68.9010

Conversions

Conversions Part 2

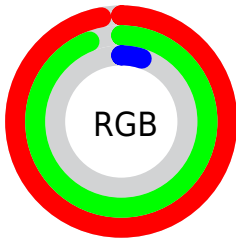
Format	Color
R _Y B	21, 248, 13
Decimal	16314381
CIE Lab	92.71, -17.16, 90.02
CIE LCh	93, 91.640, 100.794
Yxy	82.3057, 0.4243, 0.4993
Android (android.graphics.Color)	4294504461 (0xFFFF8F00D)
YUV	216.5140, -100.3324, 27.6132
Hunter-Lab	90.7225, -21.1466, 55.2837

Details

The YUV color **216.5140, -100.3324, 27.6132** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light saturated yellow. A complement of this color would be **44.4860, 100.3324, -27.6132**, and the grayscale version is **217.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.8740, -69.4509, 15.8965**, and **163.9210, -80.8131, 20.2403** is the 20% darker color. If you saturate the color by 10%, you get **215.0320, -106.0108, 28.9129**, and if you desaturate by 10%, it is **219.9510, -89.7018, 24.5990**.

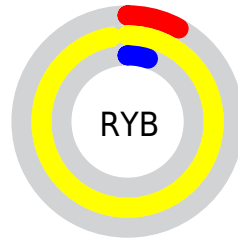
Distribution



Red (97%)

Green (94%)

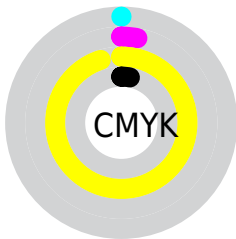
Blue (5%)



Red (8%)

Yellow (97%)

Blue (5%)

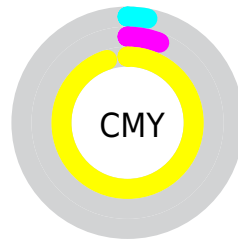


Cyan (0%)

Magenta (3%)

Yellow (95%)

Black (3%)



Cyan (3%)

Magenta (6%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 216.5140, -100.3324, 27.6132 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 216.5140, -100.3324, 27.6132 by changing the saturation by 10% instead.

216.5140,
-100.3324, 27.6132

216.5140,
-100.3324, 27.6132

255.0000, 0.0000,
0.0000

189.3270,
-93.3382, 24.2692

236.8740,
-69.4509, 15.8965

163.9210,
-80.8131, 20.2403

240.4080,
-55.9101, 12.7972

139.6890,
-68.8667, 15.1817

243.8280,
-42.8062, 9.7978

115.7560,
-57.0677, 10.7380

247.1340,
-30.1391, 6.8985

92.4100, -45.5581,
5.7794

250.5540,
-17.0351, 3.8991

69.9500, -34.4853,
0.9209

254.0880, -3.4944,

48.3760, -23.8494,

0.7998

-3.8378

■ 27.9870, -13.7976,
-7.8816

■ 9.9790, -4.9196,
-8.7516

■ 216.5140,
-100.3324, 27.6132

■ 216.5140,
-100.3324, 27.6132

■ 215.0320,
-106.0108, 28.9129

■ 219.9510,
-89.7018, 24.5990

■ 223.3880,
-79.0713, 21.5847

■ 226.7110,
-68.8775, 18.6705

■ 229.5610,
-57.9576, 16.1710

■ 232.9980,
-47.3270, 13.1568

■ 236.4350,
-36.6965, 10.1425

■ 239.8720,
-26.0659, 7.1283

■ 243.1950,
-15.8721, 4.2140

■ 246.6320, -5.2416,
1.1997

Harmonies

Analogous

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



204.6280, -76.2316, 44.1762



216.5140, -100.3324, 27.6132



204.5670, -57.4675, -47.8553

Triad

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



216.5140, -100.3324, 27.6132



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.



216.5140, -100.3324, 27.6132



44.4860, 100.3324, -27.6132

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.



220.3670, 17.0741, 30.3731



216.5140, -100.3324, 27.6132



178.7550, 37.5888, -156.7681

Square

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



216.5140, -100.3324, 27.6132



178.7550, 37.5888, -156.7681



194.2350, 29.9571, -88.7831



185.4310, 10.1405, 61.0120

Rectangle

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



216.5140, -100.3324, 27.6132



165.9870, -11.3326, -145.5706



194.2350, 29.9571, -88.7831



204.5180, 24.8876, 44.2727

Sweetspot

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



216.5140, -100.3324, 27.6132



245.7320, -30.4339, 8.1280



84.6330, -29.3991, 143.2729



121.8100, -18.6403, 5.4286



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.



216.5140, -100.3324, 27.6132



220.6470, -108.7790, 30.1276



189.5160, -87.0224, -41.6715



123.5180, -5.6784, 1.2997



163.3450, -80.5291, 22.4994



52.8720, -26.0659, 7.1283

Inverse Universe

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



44.4860, 100.3324, -27.6132



34.3530, 108.7790, -30.1276



71.4840, 87.0224, 41.6715



114.0690, 5.3890, -1.8145



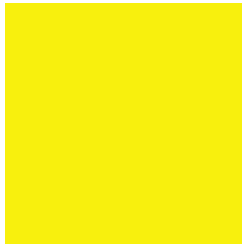
25.0680, 80.8185, -21.9846



8.1280, 26.0659, -7.1283

Previews

White Background



This preview shows how the YUV color 216.5140, -100.3324, 27.6132 looks on a white background.

Color Contrast Check

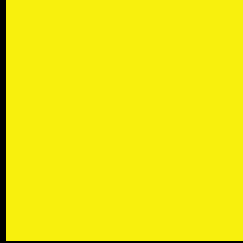
Large Text (above 18pt) WCAG AA × Fail

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 216.5140, -100.3324, 27.6132 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 216.5140, -100.3324, 27.6132 Background



This preview shows how black text looks on a background with the YUV color 216.5140, -100.3324, 27.6132.

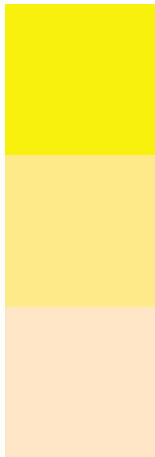


This preview shows how white text looks on a background with the YUV color 216.5140, -100.3324, 27.6132.

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

216.5140, -100.3324, 27.6132

Protanopia

229.3350, -45.0282, 22.5082

Deuteranopia

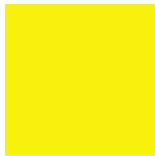
233.8270, -17.6627, 18.5687



Tritanopia

236.1530, 1.4036, 16.5288

Trichromacy



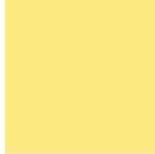
Original Color

216.5140, -100.3324, 27.6132



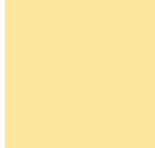
Protanomaly

224.4820, -64.8206, 24.1333



Deuteranomaly

227.6400, -47.6435, 21.3637



Tritanomaly

228.8430, -35.4186, 20.3087

Monochromacy



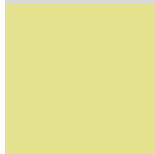
Original Color

216.5140, -100.3324, 27.6132



Achromatopsia

217.0000, 0.0000, 0.0000



Achromatomaly

216.5490, -36.2597, 10.0425

CSS Examples

Text

The CSS property to change the color of the text to YUV 216.5140, -100.3324, 27.6132 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(248, 240, 13)` looks like.

```
.text, #text, p{  
    color:rgb(248, 240, 13)  
}
```

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(248, 240, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 240, 13) }
```

Border

The CSS property to change the border of an element to YUV 216.5140, -100.3324, 27.6132 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(248, 240, 13) }
```


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

```
.border{ border-color:rgb(248, 240, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 240, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 240, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 240, 13);  
box-shadow:4px 4px 4px 4px rgb(248, 240,  
13) }
```

Background

The CSS property to change the background color of an element to YUV 216.5140, -100.3324, 27.6132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 240, 13) }
```

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

```
.background{ background-color: rgb(248,  
240, 13) }
```

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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