

Converting Colors

YUV(216.7560, -90.5917,
30.0320)

Have a look what the booklet for
YUV(216.7560, -90.5917, 30.0320)
contains.

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Color

**YUV(216.7560, -90.5917,
30.0320)**

Conversions

Conversions Part 1

Format	Color
Hex	FBEB21
RGB	251, 235, 33
RGB Percent	98%, 92%, 13%
CMY	0.0157, 0.0784, 0.8706
CMYK	0.00, 0.06, 0.87, 0.02
HSL	56°, 96%, 56%
HSV	56°, 87%, 98%
XYZ	69.7665, 80.0357, 13.2102
YIQ	216.7560, 74.3780, -59.4300

Conversions

Conversions Part 2

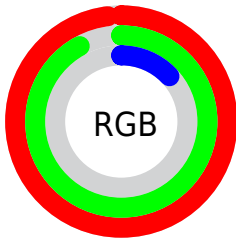
Format	Color
RYB	50, 251, 33
Decimal	16509729
CIELab	91.70, -13.20, 86.68
CIELCh	92, 87.680, 98.657
Yxy	80.0357, 0.4280, 0.4910
Android (android.graphics.Color)	4294699809 (0xFFFFBEB21)
YUV	216.7560, -90.5917, 30.0320
Hunter-Lab	89.4627, -17.3584, 53.8690

Details

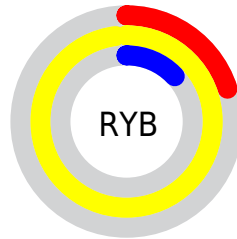
The YUV color **216.7560, -90.5917, 30.0320** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **67.2440, 90.5917, -30.0320**, and the grayscale version is **218.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **237.6720, -66.3933, 15.1967**, and **162.4700, -80.0977, 24.1438** is the 20% darker color. If you saturate the color by 10%, you get **212.7320, -100.9329, 33.5610**, and if you desaturate by 10%, it is **220.7800, -80.2505, 26.5029**.

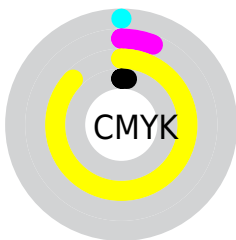
Distribution



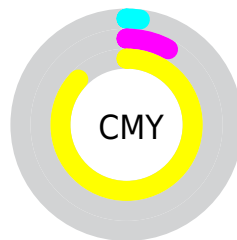
- Red (98%)
- Green (92%)
- Blue (13%)



- Red (20%)
- Yellow (98%)
- Blue (13%)



- Cyan (0%)
- Magenta (6%)
- Yellow (87%)
- Black (2%)



- Cyan (2%)
- Magenta (8%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 216.7560, -90.5917, 30.0320 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 216.7560, -90.5917, 30.0320 by changing the saturation by 10% instead.

216.7560,
-90.5917, 30.0320

216.7560,
-90.5917, 30.0320

255.0000, 0.0000,
0.0000

187.2890,
-92.3335, 28.6875

237.6720,
-66.3933, 15.1967

162.4700,
-80.0977, 24.1438

241.0920,
-53.2894, 12.1973

137.6510,
-67.8619, 19.6001

244.3980,
-40.6222, 9.2980

113.7180,
-56.0630, 15.1563

247.8180,
-27.5183, 6.2986

90.9590, -44.8428,
9.6830

251.2380,
-14.4143, 3.2993

68.4990, -33.7700,
4.8244

254.6580, -1.3104,

47.2240, -23.2814,

0.2999

0.6806

■ 27.4220, -13.5190,
-3.8781

■ 7.0440, -3.4727,
-6.1776

■ 216.7560,
-90.5917, 30.0320

■ 216.7560,
-90.5917, 30.0320

■ 212.7320,
-100.9329, 33.5610

■ 220.7800,
-80.2505, 26.5029

■ 211.8200,
-104.4273, 34.3609

■ 224.8040,
-69.9094, 22.9739

■ 228.8280,
-59.5682, 19.4448

■ 232.2650,
-48.9376, 16.4306

■ 236.4030,
-38.1597, 12.8016

■ 240.4270,
-27.8185, 9.2725

■ 244.4510,
-17.4773, 5.7435

■ 248.4750, -7.1362,
2.2144

■ 252.0430, 1.4578,
-0.9147

Harmonies

Analogous

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



203.7620, -69.3957, 44.9357



216.7560, -90.5917, 30.0320



207.5570, -58.9416, -41.7075

Triad

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



216.7560, -90.5917, 30.0320



178.7550, 37.5888, -156.7681



200.4090, 26.9134, 47.8763

Complementary

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



216.7560, -90.5917, 30.0320



67.2440, 90.5917, -30.0320

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.



221.5410, 16.4953, 29.3435



216.7560, -90.5917, 30.0320



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.



216.7560, -90.5917, 30.0320



178.6410, 37.1520, -156.6682



189.7610, 32.1628, -96.2604



187.6480, 11.0195, 59.0677

Rectangle

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



216.7560, -90.5917, 30.0320



181.6770, -21.0398, -111.9727



189.7610, 32.1628, -96.2604



206.8660, 23.7301, 42.2135

Sweetspot

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



216.7560, -90.5917, 30.0320



244.5410, -27.3817, 9.1725



100.2340, -24.2724, 132.2218



121.6790, -16.6037, 5.5435



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.



216.7560, -90.5917, 30.0320



214.7770, -105.8851, 35.2756



198.9390, -81.8079, -34.1495



122.9310, -5.3890, 1.8145



159.2360, -78.5033, 26.1030



51.6980, -25.4871, 8.1579

Inverse Universe

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



67.2440, 90.5917, -30.0320



40.2230, 105.8851, -35.2756



85.0610, 81.8079, 34.1495



114.0690, 5.3890, -1.8145



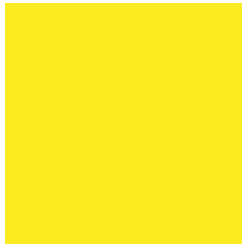
29.7640, 78.5033, -26.1030



9.3020, 25.4871, -8.1579

Previews

White Background



This preview shows how the YUV color 216.7560, -90.5917, 30.0320 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 216.7560, -90.5917, 30.0320 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 216.7560, -90.5917, 30.0320

Background



This preview shows how black text looks on a background with the YUV color 216.7560, -90.5917, 30.0320.



This preview shows how white text looks on a background with the YUV color 216.7560, -90.5917,

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

216.7560, -90.5917, 30.0320

Protanopia

225.3110, -55.3693, 26.0373

Deuteranopia

231.1540, -20.2889, 20.9129



Tritanopia

233.8220, 0.0878, 18.5731

Trichromacy



Original Color

216.7560, -90.5917, 30.0320



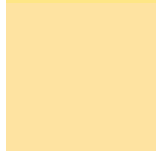
Protanomaly

222.2930, -68.1784, 27.8070



Deuteranomaly

226.1180, -45.9072, 24.4525



Tritanomaly

227.5490, -32.8087, 23.1975

Monochromacy



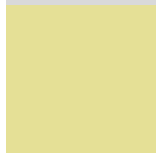
Original Color

216.7560, -90.5917, 30.0320



Achromatopsia

217.0000, 0.0000, 0.0000



Achromatomaly

217.0590, -33.0601, 10.4723

CSS Examples

Text

The CSS property to change the color of the text to YUV 216.7560, -90.5917, 30.0320 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, 235, 33)` looks like.

```
.text, #text, p{  
    color:rgb(251, 235, 33)  
}
```

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, 235, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 235, 33) }
```

Border

The CSS property to change the border of an element to YUV 216.7560, -90.5917, 30.0320 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, 235, 33) }
```


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

```
.border{ border-color:rgb(251, 235, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 235, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 235, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 235, 33);  
box-shadow:4px 4px 4px 4px rgb(251, 235,  
33) }
```

Background

The CSS property to change the background color of an element to YUV 216.7560, -90.5917, 30.0320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 235, 33) }
```

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

```
.background{ background-color: rgb(251,  
235, 33) }
```

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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