

Converting Colors

YUV(219.1130, -65.1317,
30.5959)

Have a look what the booklet for
YUV(219.1130, -65.1317, 30.5959)
contains.

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Color

**YUV(219.1130, -65.1317,
30.5959)**

Conversions

Conversions Part 1

Format	Color
Hex	FEE357
RGB	254, 227, 87
RGB Percent	100%, 89%, 34%
CMY	0.0039, 0.1098, 0.6588
CMYK	0.00, 0.11, 0.66, 0.00
HSL	50°, 99%, 67%
HSV	50°, 66%, 100%
XYZ	70.0624, 76.6971, 20.1282
YIQ	219.1130, 61.0320, -37.8160

Conversions

Conversions Part 2

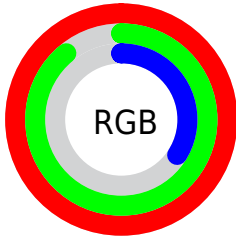
Format	Color
R_{YB}	119, 254, 87
Decimal	16704343
CIE _{Lab}	90.18, -6.01, 69.14
CIE _{LCh}	90, 69.402, 94.971
Yxy	76.6971, 0.4198, 0.4596
Android (android.graphics.Color)	4294894423 (0xFFFE357)
YUV	219.1130, -65.1317, 30.5959
Hunter-Lab	87.5769, -10.4577, 47.6770

Details

The YUV color **219.1130, -65.1317, 30.5959** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light muted yellow. A complement of this color would be **121.8870, 65.1317, -30.5959**, and the grayscale version is **220.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **242.2320, -48.9214, 11.1975**, and **161.7060, -67.8891, 28.3218** is the 20% darker color. If you saturate the color by 10%, you get **213.9150, -74.8941, 35.1545**, and if you desaturate by 10%, it is **224.3110, -55.3693, 26.0373**.

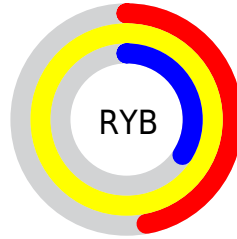
Distribution



Red (100%)

Green (89%)

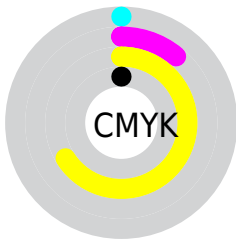
Blue (34%)



Red (47%)

Yellow (100%)

Blue (34%)

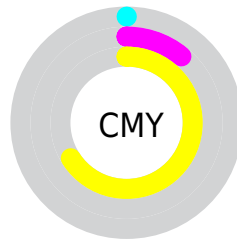


Cyan (0%)

Magenta (11%)

Yellow (66%)

Black (0%)



Cyan (0%)

Magenta (11%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 219.1130, -65.1317, 30.5959 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 219.1130, -65.1317, 30.5959 by changing the saturation by 10% instead.

219.1130,
-65.1317, 30.5959

219.1130,
-65.1317, 30.5959

255.0000, 0.0000,
0.0000

190.4010,
-65.2737, 29.4663

242.2320,
-48.9214, 11.1975

161.7060,
-67.8891, 28.3218

245.4240,
-36.6910, 8.3982

134.7380,
-66.4258, 25.6628

248.7300,
-24.0239, 5.4988

111.1040,
-54.7743, 21.8338

252.0360,
-11.3567, 2.5994

88.6440, -43.7015,
16.9752

66.1840, -32.6287,
12.1166

45.4960, -22.4295,

7.4580

■ 25.6940, -12.6671,
2.8994

■ 0.5870, -0.2894,
-0.5148

■ 219.1130,
-65.1317, 30.5959

■ 219.1130,
-65.1317, 30.5959

■ 213.9150,
-74.8941, 35.1545

■ 224.3110,
-55.3693, 26.0373

■ 208.6030,
-85.0933, 39.8132

■ 229.6230,
-45.1701, 21.3786

■ 203.4050,
-94.8557, 44.3718

■ 234.8210,
-35.4078, 16.8200

■ 200.9770,
-99.0817, 46.5012

■ 240.1330,
-25.2086, 12.1614

■ 245.9180,
-15.7356, 7.0879

■ 251.1160, -5.9732,
2.5293

254.7010, 0.1474,
-0.6148

Harmonies

Analogous

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



207.3760, -50.4714, 41.7662



219.1130, -65.1317, 30.5959



212.0120, -48.8129, -23.6895

Triad

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



219.1130, -65.1317, 30.5959



178.7550, 37.5888, -156.7681



210.3880, 21.9937, 39.1247

Complementary

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



219.1130, -65.1317, 30.5959



121.8870, 65.1317, -30.5959

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.



222.6600, 15.9436, 19.5922



219.1130, -65.1317, 30.5959



175.2330, 39.3251, -153.6793

Square

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



219.1130, -65.1317, 30.5959



176.5890, 29.2896, -154.8686



199.9600, 27.1347, -70.1249



199.7130, 9.0155, 48.4867

Rectangle

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



219.1130, -65.1317, 30.5959



202.9430, -27.5799, -67.4790



199.9600, 27.1347, -70.1249



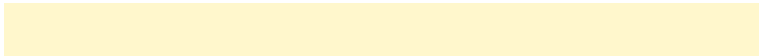
215.0840, 19.6786, 35.0063

Sweetspot

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



219.1130, -65.1317, 30.5959



244.4900, -19.9616, 9.2173



140.1250, -12.3866, 99.8684



121.5310, -12.0938, 5.6733



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.



219.1130, -65.1317, 30.5959



212.7150, -78.2465, 37.0839



218.2180, -64.6905, -17.7312



124.7570, -4.8102, 2.8441



151.0290, -74.4573, 35.0546



50.2470, -24.7718, 12.0614

Inverse Universe

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



121.8870, 65.1317, -30.5959



95.6980, 78.5359, -36.5691



122.7820, 64.6905, 17.7312



117.6560, 5.0996, -2.3293



39.9710, 74.4573, -35.0546



13.1660, 25.0612, -11.5466

Previews

White Background



This preview shows how the YUV color 219.1130, -65.1317, 30.5959 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 219.1130, -65.1317, 30.5959 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 219.1130, -65.1317, 30.5959 Background



This preview shows how black text looks on a background with the YUV color 219.1130, -65.1317, 30.5959.



This preview shows how white text looks on a background with the YUV color 219.1130, -65.1317, 30.5959.

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

219.1130, -65.1317, 30.5959

Protanopia

218.8140, -64.9843, 29.9811

Deuteranopia

226.8510, -24.0835, 24.6867



Tritanopia

229.7300, -0.3599, 22.1618

Trichromacy



Original Color

219.1130, -65.1317, 30.5959

Protanomaly

218.8140, -64.9843, 29.9811

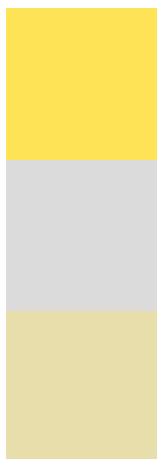
Deuteranomaly

224.2630, -39.0767, 26.9563

Tritanomaly

226.1500, -24.2309, 25.3015

Monochromacy



Original Color

219.1130, -65.1317, 30.5959

Achromatopsia

219.0000, 0.0000, 0.0000

Achromatomaly

219.1760, -23.7508, 11.2466

CSS Examples

Text

The CSS property to change the color of the text to YUV 219.1130, -65.1317, 30.5959 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(254, 227, 87)` looks like.

```
.text, #text, p{  
    color:rgb(254, 227, 87)  
}
```

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(254, 227, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 227, 87) }
```

Border

The CSS property to change the border of an element to YUV 219.1130, -65.1317, 30.5959 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(254, 227, 87) }
```


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

```
.border{ border-color:rgb(254, 227, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 227, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 227, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 227, 87);  
box-shadow:4px 4px 4px 4px rgb(254, 227,  
87) }
```

Background

The CSS property to change the background color of an element to YUV 219.1130, -65.1317, 30.5959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 227, 87) }
```

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

```
.background{ background-color: rgb(254,  
227, 87) }
```

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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