

Converting Colors

YUV(214.2310, -77.5149,
35.7544)

Have a look what the booklet for
YUV(214.2310, -77.5149, 35.7544)
contains.

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Color

**YUV(214.2310, -77.5149,
35.7544)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE039
RGB	255, 224, 57
RGB Percent	100%, 88%, 22%
CMY	0.0000, 0.1216, 0.7765
CMYK	0.00, 0.12, 0.78, 0.00
HSL	51°, 100%, 61%
HSV	51°, 78%, 100%
XYZ	68.6342, 74.8667, 14.7042
YIQ	214.2310, 72.0830, -45.3650

Conversions

Conversions Part 2

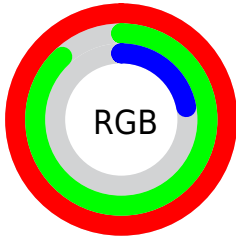
Format	Color
R_{YB}	94, 255, 57
Decimal	16769081
CIE Lab	89.33, -5.43, 78.99
CIE LCh	89, 79.181, 93.935
Yxy	74.8667, 0.4338, 0.4732
Android (android.graphics.Color)	4294959161 (0xFFFFE039)
YUV	214.2310, -77.5149, 35.7544
Hunter-Lab	86.5256, -9.8292, 50.4921

Details

The YUV color **214.2310, -77.5149, 35.7544** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **97.7690, 77.5149, -35.7544**, and the grayscale version is **215.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **239.2680, -60.2781, 13.7970**, and **157.2090, -77.5040, 32.2657** is the 20% darker color. If you saturate the color by 10%, you get **208.9190, -87.7141, 40.4130**, and if you desaturate by 10%, it is **219.4290, -67.7525, 31.1958**.

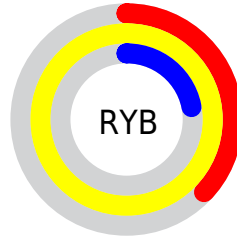
Distribution



Red (100%)

Green (88%)

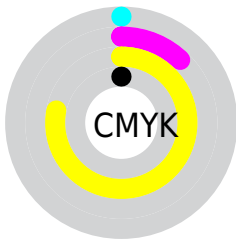
Blue (22%)



Red (37%)

Yellow (100%)

Blue (22%)

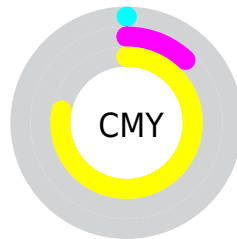


Cyan (0%)

Magenta (12%)

Yellow (78%)

Black (0%)



Cyan (0%)

Magenta (12%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 214.2310, -77.5149, 35.7544 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 214.2310, -77.5149, 35.7544 by changing the saturation by 10% instead.

■ 214.2310,
-77.5149, 35.7544

■ 214.2310,
-77.5149, 35.7544

■ 255.0000, 0.0000,
0.0000

■ 183.6240,
-83.6246, 35.4098

■ 239.2680,
-60.2781, 13.7970

■ 157.2090,
-77.5040, 32.2657

■ 242.5740,
-47.6110, 10.8976

■ 132.9770,
-65.5577, 27.2072

■ 245.8800,
-34.9438, 7.9982

■ 109.6310,
-54.0481, 22.2486

■ 249.1860,
-22.2767, 5.0989

■ 86.2850, -42.5385,
17.2901

■ 252.4920, -9.6096,
2.1995

■ 64.4120, -31.7551,
11.9167

■ 43.7240, -21.5559,

7.2581

■ 24.8080, -12.2303,
2.7994

■ 0.0000, 0.0000,
0.0000

■ 214.2310,
-77.5149, 35.7544

■ 214.2310,
-77.5149, 35.7544

■ 208.9190,
-87.7141, 40.4130

■ 219.4290,
-67.7525, 31.1958

■ 203.7210,
-97.4765, 44.9717

■ 224.7410,
-57.5533, 26.5371

■ 202.4500,
-99.8078, 46.0864

■ 229.9390,
-47.7909, 21.9785

■ 235.2510,
-37.5917, 17.3199

■ 240.4490,
-27.8294, 12.7612

■ 245.7610,
-17.6302, 8.1026

■ 250.9590, -7.8678,
3.5440

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.



200.9870, -57.1816, 47.3694



214.2310, -77.5149, 35.7544



206.2970, -57.8274, -25.6935

Triad

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



214.2310, -77.5149, 35.7544



178.7550, 37.5888, -156.7681



204.5180, 24.8876, 44.2727

Complementary

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



214.2310, -77.5149, 35.7544



97.7690, 77.5149, -35.7544

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.



218.2300, 18.1276, 19.0923



214.2310, -77.5149, 35.7544



175.8200, 39.0357, -154.1941

Square

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



214.2310, -77.5149, 35.7544



176.2470, 27.9792, -154.5686



180.5250, 36.7162, -110.0854



190.9080, 13.3564, 56.2087

Rectangle

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



214.2310, -77.5149, 35.7544



195.1390, -31.6205, -78.1749



180.5250, 36.7162, -110.0854



209.8010, 22.2831, 39.6395

Sweetspot

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



214.2310, -77.5149, 35.7544



242.9910, -23.1666, 10.5319



119.9640, -14.7723, 118.4266



120.3740, -13.9884, 6.6880



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.



214.2310, -77.5149, 35.7544



206.2630, -92.8137, 42.7423



212.6940, -76.7571, -20.7796



125.3440, -5.0996, 2.3293



151.6160, -74.7467, 34.5398



50.8340, -25.0612, 11.5466

Inverse Universe

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



97.7690, 77.5149, -35.7544



66.7370, 92.8137, -42.7423



99.3060, 76.7571, 20.7796



117.6560, 5.0996, -2.3293



39.3840, 74.7467, -34.5398



13.1660, 25.0612, -11.5466

Previews

White Background



This preview shows how the YUV color 214.2310, -77.5149, 35.7544 looks on a white background.

Color Contrast Check

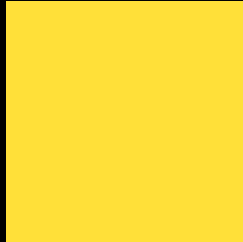
Large Text (above 18pt) WCAG AA × Fail

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 214.2310, -77.5149, 35.7544 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 214.2310, -77.5149, 35.7544 Background



This preview shows how black text looks on a background with the YUV color 214.2310, -77.5149, 35.7544.



This preview shows how white text looks on a background with the YUV color 214.2310, -77.5149, 35.7544.

35.7544.

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

214.2310, -77.5149, 35.7544

Protanopia

213.9210, -77.3621, 33.3953

Deuteranopia

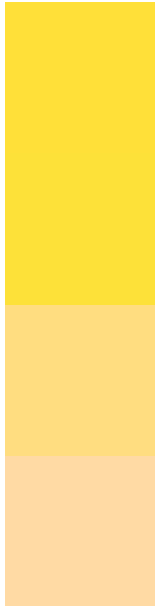
224.0640, -27.1466, 27.1309



Tritanopia

227.5130, -1.2389, 24.1061

Trichromacy



Original Color

214.2310, -77.5149, 35.7544

Protanomaly

214.2200, -77.5095, 34.0101

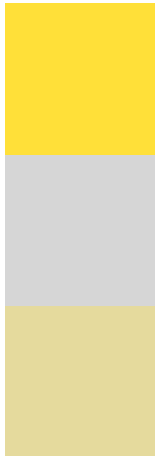
Deuteranomaly

220.5640, -45.6341, 30.2004

Tritanomaly

222.9070, -29.0412, 28.1456

Monochromacy



Original Color

214.2310, -77.5149, 35.7544

Achromatopsia

214.0000, 0.0000, 0.0000

Achromatomaly

214.3350, -28.2662, 12.8612

CSS Examples

Text

The CSS property to change the color of the text to YUV 214.2310, -77.5149, 35.7544 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, 224, 57)` looks like.

```
.text, #text, p{  
    color:rgb(255, 224, 57)  
}
```

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, 224, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 224, 57) }
```

Border

The CSS property to change the border of an element to YUV 214.2310, -77.5149, 35.7544 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, 224, 57) }
```


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

```
.border{ border-color:rgb(255, 224, 57) }
```

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

Here you see how a box with a 4 pixel rgb(255, 224, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 224, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 224, 57);  
box-shadow:4px 4px 4px 4px rgb(255, 224,  
57) }
```

Background

The CSS property to change the background color of an element to YUV 214.2310, -77.5149, 35.7544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 224, 57) }
```

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

```
.background{ background-color: rgb(255,  
224, 57) }
```

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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