

Converting Colors

YUV(233.9960, -77.8920,
16.6665)

Have a look what the booklet for
YUV(233.9960, -77.8920, 16.6665)
contains.

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Color

**YUV(233.9960, -77.8920,
16.6665)**

Conversions

Conversions Part 1

Format	Color
Hex	FDF4C
RGB	253, 255, 76
RGB Percent	99%, 100%, 30%
CMY	0.0078, 0.0000, 0.7020
CMYK	0.01, 0.00, 0.70, 0.00
HSL	61°, 100%, 65%
HSV	61°, 70%, 100%
XYZ	77.5725, 92.9244, 20.6852
YIQ	233.9960, 56.2670, -56.0930

Conversions

Conversions Part 2

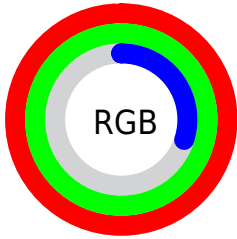
Format	Color
RYB	76, 255, 78
Decimal	16645964
CIELab	97.20, -20.66, 80.19
CIELCh	97, 82.812, 104.444
Yxy	92.9244, 0.4058, 0.4861
Android (android.graphics.Color)	4294836044 (0xFFFDFF4C)
YUV	233.9960, -77.8920, 16.6665
Hunter-Lab	96.3973, -25.0534, 54.7555

Details

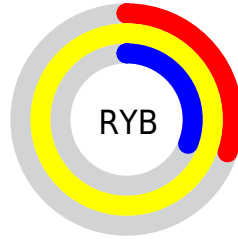
The YUV color **233.9960, -77.8920, 16.6665** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **97.0040, 77.8920, -16.6665**, and the grayscale version is **235.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.3200, -52.4158, 11.9974**, and **174.5200, -86.0384, 16.2070** is the 20% darker color. If you saturate the color by 10%, you get **231.1460, -88.8120, 19.1660**, and if you desaturate by 10%, it is **236.9600, -66.5353, 14.0671**.

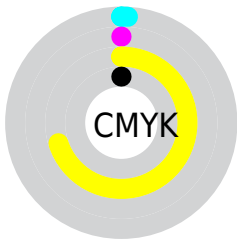
Distribution



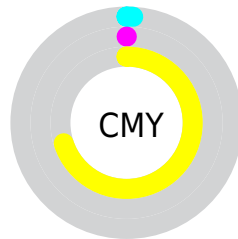
- Red (99%)
- Green (100%)
- Blue (30%)



- Red (30%)
- Yellow (100%)
- Blue (31%)



- Cyan (1%)
- Magenta (0%)
- Yellow (70%)
- Black (0%)





- Cyan (1%)
- Magenta (0%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the YUV color 233.9960, -77.8920, 16.6665 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 233.9960, -77.8920, 16.6665 by changing the saturation by 10% instead.

 233.9960,
-77.8920, 16.6665

 233.9960,
-77.8920, 16.6665


255.0000, 0.0000,
0.0000


 204.1270,
-79.9286, 16.5516


 241.3200,
-52.4158, 11.9974


 174.5200,
-86.0384, 16.2070


 244.6260,
-39.7486, 9.0980

 149.1140,
-73.5132, 12.1780


 247.9320,
-27.0815, 6.1986

 125.1810,
-61.7142, 7.7343

 251.3520,
-13.9775, 3.1993

 101.5470,
-50.0627, 3.9053

254.7720, -0.8736,
0.2000

 79.0870, -38.9899,
-0.9533

 56.6270, -27.9171,

-5.8119

■ 35.9390, -17.7179,
-10.4705

■ 17.0230, -8.3923,
-14.9292

■ 233.9960,
-77.8920, 16.6665

■ 233.9960,
-77.8920, 16.6665

■ 231.1460,
-88.8120, 19.1660

■ 236.9600,
-66.5353, 14.0671

■ 227.8830,
-100.0213, 21.1506

■ 240.1090,
-55.7627, 12.1824

■ 225.0330,
-110.9413, 23.6501

■ 243.0730,
-44.4060, 9.5830

■ 245.9230,
-33.4860, 7.0835

■ 248.8870,
-22.1293, 4.4841

■ 252.0360,
-11.3567, 2.5994

255.0000, 0.0000,
0.0000

Harmonies

Analogous

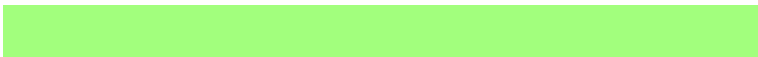
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



219.6570, -66.8789, 30.9958



233.9960, -77.8920, 16.6665



212.3730, -43.0749, -44.1771

Triad

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



233.9960, -77.8920, 16.6665



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.



233.9960, -77.8920, 16.6665



97.0040, 77.8920, -16.6665

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.



227.9980, 13.3120, 23.6808



233.9960, -77.8920, 16.6665



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.



233.9960, -77.8920, 16.6665



178.7550, 37.5888, -156.7681



221.6550, 16.4391, -46.1784



202.4370, 4.2216, 46.0978

Rectangle

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



233.9960, -77.8920, 16.6665



185.0690, -5.4570, -116.7015



221.6550, 16.4391, -46.1784



215.6710, 19.3892, 34.4915

Sweetspot

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



233.9960, -77.8920, 16.6665



248.5450, -23.4397, 4.7840



129.5210, -26.3859, 110.0451



124.0530, -13.8301, 2.5845



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.



233.9960, -77.8920, 16.6665



230.0060, -93.1800, 20.1657



207.9830, -65.0676, -36.8191



126.2190, -5.5310, 0.6849



168.6280, -83.1336, 17.8662



56.4050, -27.8077, 5.7838

Inverse Universe

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



97.0040, 77.8920, -16.6665



65.9940, 93.1800, -20.1657



123.3160, 64.9202, 37.4339



116.4820, 5.6784, -1.2997



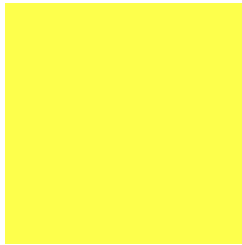
22.3720, 83.1336, -17.8662



7.5950, 27.8077, -5.7838

Previews

White Background



This preview shows how the YUV color 233.9960, -77.8920, 16.6665 looks on a white background.

Color Contrast Check

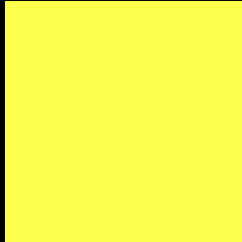
Large Text (above 18pt) WCAG AA × Fail

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 233.9960, -77.8920, 16.6665 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

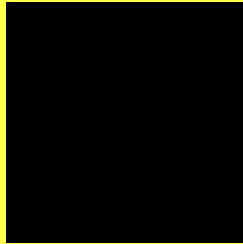
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 233.9960, -77.8920, 16.6665

Background



This preview shows how black text looks on a background with the YUV color 233.9960, -77.8920, 16.6665.



This preview shows how white text looks on a background with the YUV color 233.9960, -77.8920, 16.6665.

Color Blindness Simulation

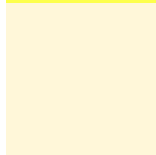
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



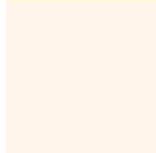
Original Color

233.9960, -77.8920, 16.6665



Protanopia

245.9720, -14.2832, 7.9176



Deuteranopia

246.7360, -6.2788, 7.2475



Tritanopia

247.9730, 0.9993, 6.1627

Trichromacy



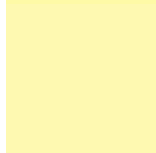
Original Color

233.9960, -77.8920, 16.6665



Protanomaly

241.6200, -37.2807, 10.8573



Deuteranomaly

242.2870, -32.1865, 10.2723



Tritanomaly

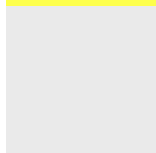
242.8400, -27.5291, 9.7873

Monochromacy



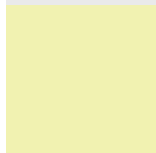
Original Color

233.9960, -77.8920, 16.6665



Achromatopsia

234.0000, 0.0000, 0.0000



Achromatomaly

234.2910, -28.2445, 5.8838

CSS Examples

Text

The CSS property to change the color of the text to YUV 233.9960, -77.8920, 16.6665 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(253, 255, 76)` looks like.

```
.text, #text, p{  
    color:rgb(253, 255, 76)  
}
```

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(253, 255, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 255, 76) }
```

Border

The CSS property to change the border of an element to YUV 233.9960, -77.8920, 16.6665 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(253, 255, 76) }
```


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

```
.border{ border-color:rgb(253, 255, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 255, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 255, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 255, 76);  
box-shadow:4px 4px 4px 4px rgb(253, 255,  
76) }
```

Background

The CSS property to change the background color of an element to YUV 233.9960, -77.8920, 16.6665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 255, 76) }
```

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

```
.background{ background-color: rgb(253,  
255, 76) }
```

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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