

Converting Colors

YUV(233.1750, -76.0083,
19.1405)

Have a look what the booklet for
YUV(233.1750, -76.0083, 19.1405)
contains.

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Color

**YUV(233.1750, -76.0083,
19.1405)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFC4F
RGB	255, 252, 79
RGB Percent	100%, 99%, 31%
CMY	0.0000, 0.0118, 0.6902
CMYK	0.00, 0.01, 0.69, 0.00
HSL	59°, 100%, 65%
HSV	59°, 69%, 100%
XYZ	77.4617, 91.4453, 20.9652
YIQ	233.1750, 57.3210, -53.1670

Conversions

Conversions Part 2

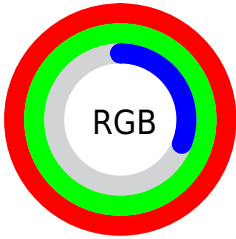
Format	Color
R _Y B	82, 255, 79
Decimal	16776271
CIE Lab	96.59, -18.28, 78.64
CIE LCh	97, 80.732, 103.084
Yxy	91.4453, 0.4080, 0.4816
Android (android.graphics.Color)	4294966351 (0xFFFFFC4F)
YUV	233.1750, -76.0083, 19.1405
Hunter-Lab	95.6270, -22.7553, 53.9402

Details

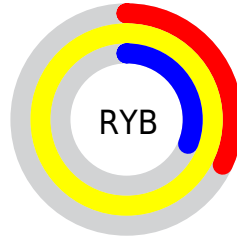
The YUV color **233.1750, -76.0083, 19.1405** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light washed yellow. A complement of this color would be **100.8250, 76.0083, -19.1405**, and the grayscale version is **234.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.6620, -51.1054, 11.6974**, and **173.3570, -85.4650, 18.9809** is the 20% darker color. If you saturate the color by 10%, you get **230.3250, -86.9282, 21.6400**, and if you desaturate by 10%, it is **236.1390, -64.6515, 16.5411**.

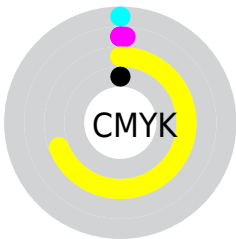
Distribution



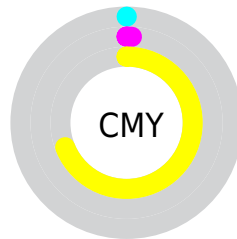
- Red (100%)
- Green (99%)
- Blue (31%)



- Red (32%)
- Yellow (100%)
- Blue (31%)



- Cyan (0%)
- Magenta (1%)
- Yellow (69%)
- Black (0%)



- Cyan (0%)
- Magenta (1%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 233.1750, -76.0083, 19.1405 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 233.1750, -76.0083, 19.1405 by changing the saturation by 10% instead.

233.1750,
-76.0083, 19.1405

233.1750,
-76.0083, 19.1405

255.0000, 0.0000,
0.0000

204.0070,
-77.8975, 18.4109

241.6620,
-51.1054, 11.6974

173.3570,
-85.4650, 18.9809

244.8540,
-38.8750, 8.8980

148.5380,
-73.2292, 14.4372

248.2740,
-25.7711, 5.8987

124.0180,
-61.1409, 10.5082

251.5800,
-13.1039, 2.9993

100.9710,
-49.7787, 6.1644

77.9240, -38.4165,
1.8207

56.3500, -27.7806,

-2.9380

■ 35.6620, -17.5814,
-7.5966

■ 16.4360, -8.1029,
-14.4144

■ 233.1750,
-76.0083, 19.1405

■ 233.1750,
-76.0083, 19.1405

■ 230.3250,
-86.9282, 21.6400

■ 236.1390,
-64.6515, 16.5411

■ 226.7740,
-97.9956, 24.7542

■ 239.5760,
-54.0210, 13.5268

■ 223.9240,
-108.9155, 27.2537

■ 242.5400,
-42.6642, 10.9274

■ 223.5820,
-110.2259, 27.5536

■ 245.9770,
-32.0337, 7.9132

■ 248.9410,
-20.6769, 5.3137

■ 252.3780,
-10.0464, 2.2995

255.0000, 0.0000,
0.0000

Harmonies

Analogous

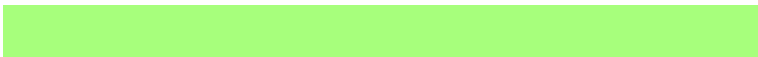
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



218.4660, -63.8267, 32.0403



233.1750, -76.0083, 19.1405



213.7540, -44.2487, -41.0033

Triad

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



233.1750, -76.0083, 19.1405



178.7550, 37.5888, -156.7681



211.5620, 21.4149, 38.0951

Complementary

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



233.1750, -76.0083, 19.1405



100.8250, 76.0083, -19.1405

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.



228.5850, 13.0226, 23.1660



233.1750, -76.0083, 19.1405



178.7550, 37.5888, -156.7681

Square

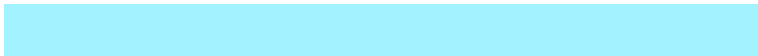
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



233.1750, -76.0083, 19.1405



178.7550, 37.5888, -156.7681



219.8610, 17.3235, -49.8671



202.7790, 5.5320, 45.7978

Rectangle

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



233.1750, -76.0083, 19.1405



191.3050, -10.0104, -102.8765



219.8610, 17.3235, -49.8671



216.2580, 19.0998, 33.9767

Sweetspot

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



233.1750, -76.0083, 19.1405



248.2570, -23.2977, 5.9136



132.3080, -23.3228, 107.6009



123.7650, -13.6881, 3.7141



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.



233.1750, -76.0083, 19.1405



228.4840, -91.4436, 23.2545



210.4180, -64.7891, -32.8156



125.9310, -5.3890, 1.8145



167.4650, -82.5602, 20.6402



56.1170, -27.6657, 6.9134

Inverse Universe

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



100.8250, 76.0083, -19.1405



69.5160, 91.4436, -23.2545



123.5820, 64.7891, 32.8156



116.4820, 5.6784, -1.2997



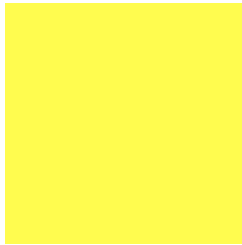
23.5350, 82.5602, -20.6402



7.8830, 27.6657, -6.9134

Previews

White Background



This preview shows how the YUV color 233.1750, -76.0083, 19.1405 looks on a white background.

Color Contrast Check

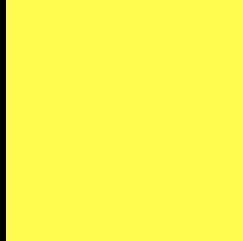
Large Text (above 18pt) WCAG AA × Fail

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 233.1750, -76.0083, 19.1405 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 233.1750, -76.0083, 19.1405

Background



This preview shows how black text looks on a background with the YUV color 233.1750, -76.0083, 19.1405.



This preview shows how white text looks on a background with the YUV color 233.1750, -76.0083, 19.1405.

Color Blindness Simulation

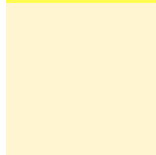
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



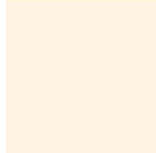
Original Color

233.1750, -76.0083, 19.1405



Protanopia

243.8860, -17.1988, 9.7470



Deuteranopia

245.1060, -7.4473, 8.6770



Tritanopia

245.9840, 0.9939, 7.9070

Trichromacy



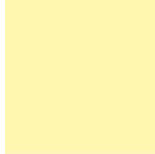
Original Color

233.1750, -76.0083, 19.1405



Protanomaly

240.2890, -38.5965, 12.9015



Deuteranomaly

240.5970, -32.3393, 12.6314



Tritanomaly

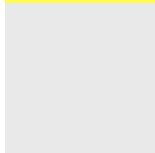
241.3780, -26.8084, 11.9465

Monochromacy



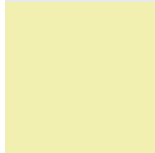
Original Color

233.1750, -76.0083, 19.1405



Achromatopsia

233.0000, 0.0000, 0.0000



Achromatomaly

233.1170, -27.6657, 6.9134

CSS Examples

Text

The CSS property to change the color of the text to YUV 233.1750, -76.0083, 19.1405 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, 252, 79)` looks like.

```
.text, #text, p{  
    color:rgb(255, 252, 79)  
}
```

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, 252, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 252, 79) }
```

Border

The CSS property to change the border of an element to YUV 233.1750, -76.0083, 19.1405 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, 252, 79) }
```


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

```
.border{ border-color:rgb(255, 252, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 252, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 252, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 252, 79);  
box-shadow:4px 4px 4px 4px rgb(255, 252,  
79) }
```

Background

The CSS property to change the background color of an element to YUV 233.1750, -76.0083, 19.1405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 252, 79) }
```

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

```
.background{ background-color: rgb(255,  
252, 79) }
```

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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