

Converting Colors

YUV(232.7340, -73.8189,
16.8963)

Have a look what the booklet for
YUV(232.7340, -73.8189, 16.8963)
contains.

YUV(232.7340, -73.8189, 16.8963)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(232.7340, -73.8189,
16.8963)**

Conversions

Conversions Part 1

Format	Color
Hex	FCFC53
RGB	252, 252, 83
RGB Percent	99%, 99%, 33%
CMY	0.0118, 0.0118, 0.6745
CMYK	0.00, 0.00, 0.67, 0.01
HSL	60°, 97%, 66%
HSV	60°, 67%, 99%
XYZ	76.5166, 90.9408, 21.7041
YIQ	232.7340, 54.2490, -52.5590

Conversions

Conversions Part 2

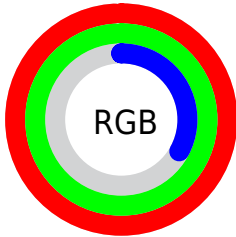
Format	Color
R_{YB}	83, 252, 83
Decimal	16579667
CIE _{Lab}	96.39, -19.29, 76.94
CIE _{LCh}	96, 79.319, 104.075
Yxy	90.9408, 0.4045, 0.4808
Android (android.graphics.Color)	4294769747 (0xFFFCFC53)
YUV	232.7340, -73.8189, 16.8963
Hunter-Lab	95.3629, -23.6614, 53.2599

Details

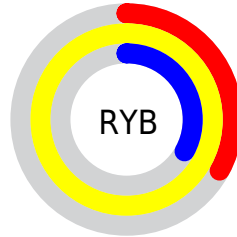
The YUV color $232.7340, -73.8189, 16.8963$ is a light color, and the websafe version is hex $FFFF66$. The color can be described as light muted yellow. A complement of this color would be $102.2660, 73.8189, -16.8963$, and the grayscale version is $233.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $242.0040, -49.7950, 11.3975$, and $172.5740, -84.5860, 17.0366$ is the 20% darker color. If you saturate the color by 10%, you get $229.8840, -84.7388, 19.3957$, and if you desaturate by 10%, it is $235.5840, -62.8989, 14.3968$.

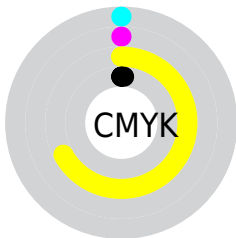
Distribution



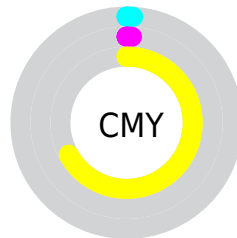
- Red (99%)
- Green (99%)
- Blue (33%)



- Red (33%)
- Yellow (99%)
- Blue (33%)



- Cyan (0%)
- Magenta (0%)
- Yellow (67%)
- Black (1%)



- Cyan (1%)
- Magenta (1%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 232.7340, -73.8189, 16.8963 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 232.7340, -73.8189, 16.8963 by changing the saturation by 10% instead.

232.7340,
-73.8189, 16.8963

232.7340,
-73.8189, 16.8963

255.0000, 0.0000,
0.0000

203.0930,
-74.9818, 16.5814

242.0040,
-49.7950, 11.3975

172.5740,
-84.5860, 17.0366

245.3100,
-37.1278, 8.4981

147.9400,
-72.9344, 13.2076

248.6160,
-24.4607, 5.5988

123.4200,
-60.8461, 9.2787

251.9220,
-11.7935, 2.6994

100.3730,
-49.4839, 4.9349

77.3260, -38.1217,
0.5911

55.7520, -27.4857,

-4.1675

■ 35.0640, -17.2866,
-8.8261

■ 16.4360, -8.1029,
-14.4144

■ 232.7340,
-73.8189, 16.8963

■ 232.7340,
-73.8189, 16.8963

■ 229.8840,
-84.7388, 19.3957

■ 235.5840,
-62.8989, 14.3968

■ 227.0340,
-95.6588, 21.8952

■ 238.4340,
-51.9790, 11.8974

■ 224.0700,
-107.0155, 24.4946

■ 241.3980,
-40.6222, 9.2980

■ 223.2720,
-110.0731, 25.1945

■ 244.2480,
-29.7023, 6.7985

■ 247.0980,
-18.7823, 4.2991

■ 249.9480, -7.8624,
1.7996

■ 252.3420, 1.3104,
-0.2999

Harmonies

Analogous

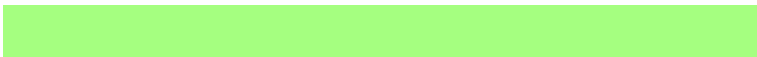
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



219.1670, -63.6793, 31.4255



232.7340, -73.8189, 16.8963



213.6120, -42.2067, -42.6327

Triad

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



232.7340, -73.8189, 16.8963



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.



232.7340, -73.8189, 16.8963



102.2660, 73.8189, -16.8963

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



232.7340, -73.8189, 16.8963



178.7550, 37.5888, -156.7681

Square

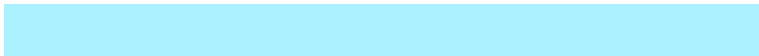
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



232.7340, -73.8189, 16.8963



178.7550, 37.5888, -156.7681



221.6660, 16.4337, -44.4341



203.6110, 3.6428, 45.0682

Rectangle

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



232.7340, -73.8189, 16.8963



191.0490, -8.4052, -104.4060



221.6660, 16.4337, -44.4341



216.2580, 19.0998, 33.9767

Sweetspot

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



232.7340, -73.8189, 16.8963



249.1860, -22.2767, 5.0989



133.5310, -24.9118, 103.8973



124.4660, -13.5407, 3.0993



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.



232.7340, -73.8189, 16.8963



231.7440, -89.1068, 20.3955



207.6180, -61.4367, -34.7450



123.5180, -5.6784, 1.2997



167.4540, -82.5548, 18.8958



54.0460, -26.6447, 6.0987

Inverse Universe

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



102.2660, 73.8189, -16.8963



74.2560, 89.1068, -20.3955



127.6810, 61.2893, 35.3598



113.4820, 5.6784, -1.2997



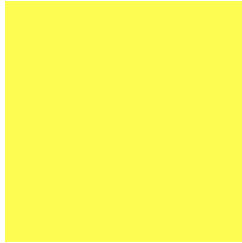
21.5460, 82.5548, -18.8958



6.9540, 26.6447, -6.0987

Previews

White Background



This preview shows how the YUV color 232.7340, -73.8189, 16.8963 looks on a white background.

Color Contrast Check

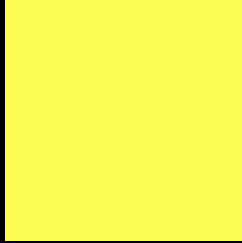
Large Text (above 18pt) WCAG AA × Fail

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 232.7340, -73.8189, 16.8963 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 232.7340, -73.8189, 16.8963

Background



This preview shows how black text looks on a background with the YUV color 232.7340, -73.8189, 16.8963.



This preview shows how white text looks on a background with the YUV color 232.7340, -73.8189, 16.8963.

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

232.7340, -73.8189, 16.8963

Protanopia

243.4300, -18.9460, 10.1469

Deuteranopia

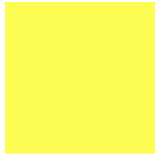
244.8780, -8.3209, 8.8770



Tritanopia

246.0980, 1.4307, 7.8071

Trichromacy



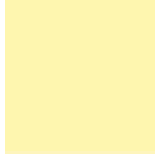
Original Color

232.7340, -73.8189, 16.8963



Protanomaly

239.8760, -38.8859, 12.3867



Deuteranomaly

240.2980, -32.1919, 12.0167



Tritanomaly

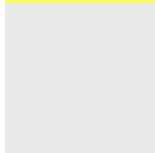
241.3070, -25.7874, 11.1318

Monochromacy



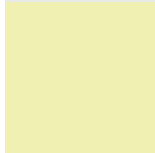
Original Color

232.7340, -73.8189, 16.8963



Achromatopsia

233.0000, 0.0000, 0.0000



Achromatomaly

232.9320, -27.0815, 6.1986

CSS Examples

Text

The CSS property to change the color of the text to YUV 232.7340, -73.8189, 16.8963 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(252, 252, 83)` looks like.

```
.text, #text, p{  
    color:rgb(252, 252, 83)  
}
```

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(252, 252, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 252, 83) }
```

Border

The CSS property to change the border of an element to YUV 232.7340, -73.8189, 16.8963 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(252, 252, 83) }
```


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

```
.border{ border-color:rgb(252, 252, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 252, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 252, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 252, 83);  
box-shadow:4px 4px 4px 4px rgb(252, 252,  
83) }
```

Background

The CSS property to change the background color of an element to YUV 232.7340, -73.8189, 16.8963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 252, 83) }
```

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

```
.background{ background-color: rgb(252,  
252, 83) }
```

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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