

Converting Colors

YUV(227.1380, -79.9340,
18.2960)

Have a look what the booklet for
YUV(227.1380, -79.9340, 18.2960)
contains.

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Color

**YUV(227.1380, -79.9340,
18.2960)**

Conversions

Conversions Part 1	
Format	Color
Hex	F8F841
RGB	248, 248, 65
RGB Percent	97%, 97%, 25%
CMY	0.0275, 0.0275, 0.7451
CMYK	0.00, 0.00, 0.74, 0.03
HSL	60°, 93%, 61%
HSV	60°, 74%, 97%
XYZ	73.2329, 87.4729, 18.0252
YIQ	227.1380, 58.7430, -56.9130

Conversions

Conversions Part 2

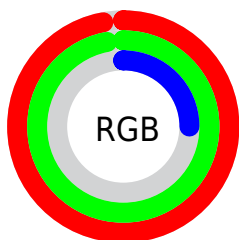
Format	Color
RYB	65, 248, 65
Decimal	16316481
CIELab	94.94, -19.80, 81.46
CIELCh	95, 83.829, 103.664
Yxy	87.4729, 0.4097, 0.4894
Android (android.graphics.Color)	4294506561 (0xFFFF8F841)
YUV	227.1380, -79.9340, 18.2960
Hunter-Lab	93.5270, -23.9041, 54.0421

Details

The YUV color **227.1380, -79.9340, 18.2960** 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 **85.8620, 79.9340, -18.2960**, and the grayscale version is **228.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.2940, -56.3469, 12.8972**, and **168.9160, -83.2756, 16.7367** is the 20% darker color. If you saturate the color by 10%, you get **224.2880, -90.8540, 20.7954**, and if you desaturate by 10%, it is **229.9880, -69.0141, 15.7965**.

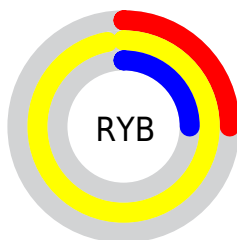
Distribution



Red (97%)

Green (97%)

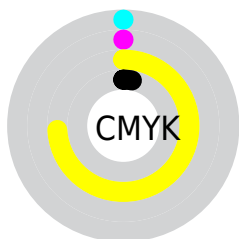
Blue (25%)



Red (25%)

Yellow (97%)

Blue (25%)

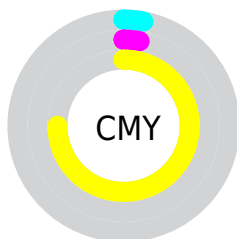


Cyan (0%)

Magenta (0%)

Yellow (74%)

Black (3%)



Cyan (3%)


Magenta (3%)


Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the YUV color 227.1380, -79.9340, 18.2960 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 227.1380, -79.9340, 18.2960 by changing the saturation by 10% instead.


 227.1380,
-79.9340, 18.2960

 227.1380,
-79.9340, 18.2960

255.0000, 0.0000,
0.0000

 197.2860,
-84.4440, 18.1662


 240.2940,
-56.3469, 12.8972


 168.9160,
-83.2756, 16.7367


 243.6000,
-43.6798, 9.9978


 144.0970,
-71.0398, 12.1929


 246.9060,
-31.0127, 7.0984

 120.1640,
-59.2409, 7.7492

 250.2120,
-18.3455, 4.1991

 96.5300, -47.5893,
3.9202

 253.6320, -5.2416,
1.1997

 74.0700, -36.5165,
-0.9384

 52.4960, -25.8805,

-5.6970

■ 31.8080, -15.6813,
-10.3556

■ 14.6750, -7.2348,
-12.8700

■ 227.1380,
-79.9340, 18.2960

■ 227.1380,
-79.9340, 18.2960

■ 224.2880,
-90.8540, 20.7954

■ 229.9880,
-69.0141, 15.7965


■ 221.4380,
-101.7739, 23.2949


■ 232.8380,
-58.0941, 13.2971

■ 219.7280,
-108.3259, 24.7945


■ 235.5740,
-47.6110, 10.8976

■ 238.4240,
-36.6910, 8.3982

 241.2740,
-25.7711, 5.8987

 244.1240,
-14.8511, 3.3993

 246.9740, -3.9312,
0.8998

 248.7980, 3.0576,
-0.6998

Harmonies

Analogous

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



213.9350, -68.4950, 36.0140



227.1380, -79.9340, 18.2960



209.5530, -46.1216, -46.9660

Triad

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



227.1380, -79.9340, 18.2960



178.7550, 37.5888, -156.7681



206.2790, 24.0195, 42.7283

Complementary

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



227.1380, -79.9340, 18.2960



85.8620, 79.9340, -18.2960

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.



224.4760, 15.0483, 26.7695



227.1380, -79.9340, 18.2960



178.7550, 37.5888, -156.7681

Square

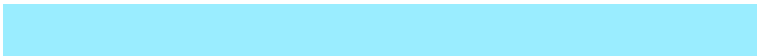
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



227.1380, -79.9340, 18.2960



178.7550, 37.5888, -156.7681



214.2350, 20.0971, -52.8261



196.6980, 5.0789, 51.1309

Rectangle

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



227.1380, -79.9340, 18.2960



180.1560, -7.4719, -123.7938



214.2350, 20.0971, -52.8261



211.5620, 21.4149, 38.0951

Sweetspot

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



227.1380, -79.9340, 18.2960



248.6160, -24.4607, 5.5988



119.7170, -26.9755, 112.5042



124.1240, -14.8511, 3.3993



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.



227.1380, -79.9340, 18.2960



229.1220, -99.1531, 22.6950



199.9290, -66.5200, -37.6487



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.



85.8620, 79.9340, -18.2960



53.8780, 99.1531, -22.6950



113.3700, 66.3726, 38.2635



113.4820, 5.6784, -1.2997



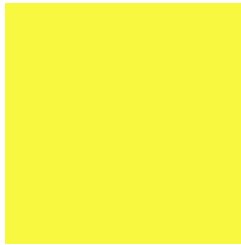
21.5460, 82.5548, -18.8958



6.9540, 26.6447, -6.0987

Previews

White Background



This preview shows how the YUV color 227.1380, -79.9340, 18.2960 looks on a white background.

Color Contrast Check

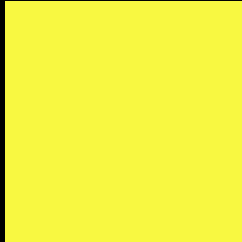
Large Text (above 18pt) WCAG AA × Fail

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 227.1380, -79.9340, 18.2960 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 227.1380, -79.9340, 18.2960

Background



This preview shows how black text looks on a background with the YUV color 227.1380, -79.9340, 18.2960.



This preview shows how white text looks on a background with the YUV color 227.1380, -79.9340,

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



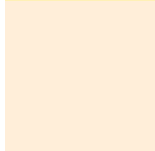
Original Color

227.1380, -79.9340, 18.2960



Protanopia

237.8730, -27.5454, 15.0204



Deuteranopia

240.6890, -11.6787, 12.5507



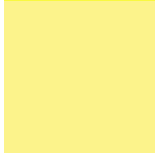
Tritanopia

242.2340, 1.8566, 11.1958

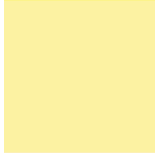
Trichromacy



Original Color
227.1380, -79.9340, 18.2960



Protanomaly
233.8350, -46.7537, 15.9307

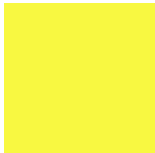


Deuteranomaly
235.8700, -36.4179, 14.1460

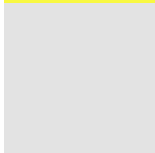


Tritanomaly
236.7480, -27.9768, 13.3760

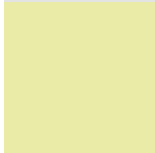
Monochromacy



Original Color
227.1380, -79.9340, 18.2960



Achromatopsia
227.0000, 0.0000, 0.0000



Achromatomaly
227.3620, -29.2655, 6.6985

CSS Examples

Text

The CSS property to change the color of the text to YUV 227.1380, -79.9340, 18.2960 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(248, 248, 65)` looks like.

```
.text, #text, p{  
    color:rgb(248, 248, 65)  
}
```

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(248, 248, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 248, 65) }
```

Border

The CSS property to change the border of an element to YUV 227.1380, -79.9340, 18.2960 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(248, 248, 65) }
```


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

```
.border{ border-color:rgb(248, 248, 65) }
```

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

Here you see how a box with a 4 pixel rgb(248, 248, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 248, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 248, 65);  
box-shadow:4px 4px 4px 4px rgb(248, 248,  
65) }
```

Background

The CSS property to change the background color of an element to YUV 227.1380, -79.9340, 18.2960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 248, 65) }
```

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

```
.background{ background-color: rgb(248,  
248, 65) }
```

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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