

Converting Colors

YUV(231.2780, -75.5661,
17.2962)

Have a look what the booklet for
YUV(231.2780, -75.5661, 17.2962)
contains.

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Color

**YUV(231.2780, -75.5661,
17.2962)**

Conversions

Conversions Part 1

Format	Color
Hex	FBFB4E
RGB	251, 251, 78
RGB Percent	98%, 98%, 31%
CMY	0.0157, 0.0157, 0.6941
CMYK	0.00, 0.00, 0.69, 0.02
HSL	60°, 96%, 65%
HSV	60°, 69%, 98%
XYZ	75.6560, 90.0536, 20.6023
YIQ	231.2780, 55.5330, -53.8030

Conversions

Conversions Part 2

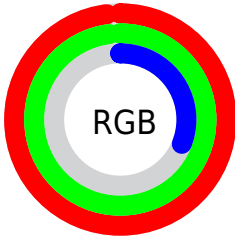
Format	Color
RYB	78, 251, 78
Decimal	16513870
CIELab	96.02, -19.46, 78.32
CIELCh	96, 80.698, 103.954
Yxy	90.0536, 0.4061, 0.4833
Android (android.graphics.Color)	4294703950 (0xFFFFBFB4E)
YUV	231.2780, -75.5661, 17.2962
Hunter-Lab	94.8966, -23.7605, 53.5556

Details

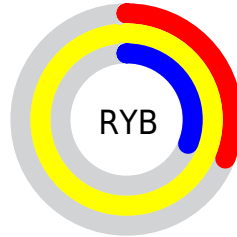
The YUV color **231.2780, -75.5661, 17.2962** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light washed yellow. A complement of this color would be **97.7220, 75.5661, -17.2962**, and the grayscale version is **232.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.5480, -51.5422, 11.7974**, and **171.5740, -84.5860, 17.0366** is the 20% darker color. If you saturate the color by 10%, you get **228.4280, -86.4860, 19.7956**, and if you desaturate by 10%, it is **234.1280, -64.6461, 14.7967**.

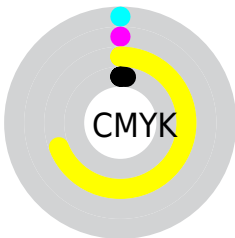
Distribution



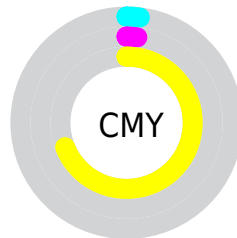
- Red (98%)
- Green (98%)
- Blue (31%)



- Red (31%)
- Yellow (98%)
- Blue (31%)



- Cyan (0%)
- Magenta (0%)
- Yellow (69%)
- Black (2%)



- Cyan (2%)
- Magenta (2%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 231.2780, -75.5661, 17.2962 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 231.2780, -75.5661, 17.2962 by changing the saturation by 10% instead.

231.2780,
-75.5661, 17.2962

231.2780,
-75.5661, 17.2962

255.0000, 0.0000,
0.0000

202.1100,
-77.4552, 16.5665

241.5480,
-51.5422, 11.7974

171.5740,
-84.5860, 17.0366

244.7400,
-39.3118, 8.9980

146.7550,
-72.3502, 12.4929

248.1600,
-26.2079, 5.9987

122.2350,
-60.2619, 8.5639

251.4660,
-13.5407, 3.0993

99.4870, -49.0471,
4.8349

254.8860, -0.4368,
0.1000

76.7280, -37.8269,
-0.6385

54.5670, -26.9015,

-4.8823

■ 33.8790, -16.7023,
-9.5409

■ 15.8490, -7.8136,
-13.8996

■ 231.2780,
-75.5661, 17.2962

■ 231.2780,
-75.5661, 17.2962

■ 228.4280,
-86.4860, 19.7956

■ 234.1280,
-64.6461, 14.7967

■ 225.5780,
-97.4060, 22.2951

■ 236.9780,
-53.7262, 12.2973

■ 222.7280,
-108.3259, 24.7945

■ 239.8280,
-42.8062, 9.7978

■ 222.3860,
-109.6363, 25.0945

■ 242.6780,
-31.8863, 7.2984

245.6420,
-20.5295, 4.6990

248.4920, -9.6096,
2.1995

251.3420, 1.3104,
-0.2999

251.4560, 1.7472,
-0.3999

Harmonies

Analogous

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



217.5370, -64.8477, 32.8551



231.2780, -75.5661, 17.2962



212.6720, -43.2223, -43.5623

Triad

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



231.2780, -75.5661, 17.2962



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.



231.2780, -75.5661, 17.2962



97.7220, 75.5661, -17.2962

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.



226.8240, 13.8908, 24.7104



231.2780, -75.5661, 17.2962



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.



231.2780, -75.5661, 17.2962



178.7550, 37.5888, -156.7681



219.5840, 17.4601, -46.9932



201.7360, 4.0742, 46.7125

Rectangle

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



231.2780, -75.5661, 17.2962



188.3150, -8.5363, -109.0243



219.5840, 17.4601, -46.9932



215.0840, 19.6786, 35.0063

Sweetspot

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



231.2780, -75.5661, 17.2962



248.8440, -23.5871, 5.3988



129.7270, -25.5014, 106.3564



124.3520, -13.9775, 3.1993



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.



231.2780, -75.5661, 17.2962



230.8320, -92.6012, 21.1953



205.5640, -62.8891, -35.5746



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.



97.7220, 75.5661, -17.2962



67.1680, 92.6012, -21.1953



123.7350, 62.7416, 36.1894



113.4820, 5.6784, -1.2997



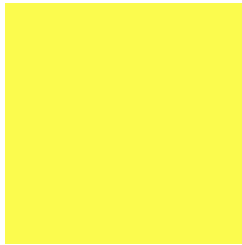
21.5460, 82.5548, -18.8958



6.9540, 26.6447, -6.0987

Previews

White Background



This preview shows how the YUV color 231.2780, -75.5661, 17.2962 looks on a white background.

Color Contrast Check

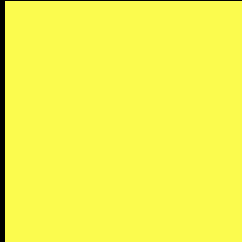
Large Text (above 18pt) WCAG AA × Fail

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 231.2780, -75.5661, 17.2962 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 231.2780, -75.5661, 17.2962

Background



This preview shows how black text looks on a background with the YUV color 231.2780, -75.5661, 17.2962.

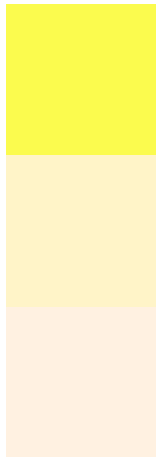


This preview shows how white text looks on a background with the YUV color 231.2780, -75.5661, 17.2962.

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

231.2780, -75.5661, 17.2962

Protanopia

242.2730, -20.8406, 11.1616

Deuteranopia

243.3620, -9.0525, 10.2065



Tritanopia

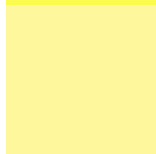
244.8100, 1.5727, 8.9366

Trichromacy



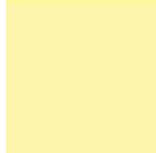
Original Color

231.2780, -75.5661, 17.2962



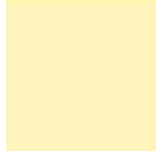
Protanomaly

238.7190, -40.7805, 13.4014



Deuteranomaly

239.3690, -33.2129, 12.8314



Tritanomaly

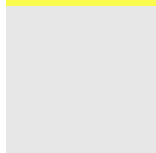
239.7910, -26.5190, 12.4613

Monochromacy



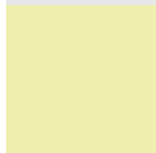
Original Color

231.2780, -75.5661, 17.2962



Achromatopsia

231.0000, 0.0000, 0.0000



Achromatomaly

230.8180, -27.5183, 6.2986

CSS Examples

Text

The CSS property to change the color of the text to YUV 231.2780, -75.5661, 17.2962 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(251, 251, 78)` looks like.

```
.text, #text, p{  
    color:rgb(251, 251, 78)  
}
```

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(251, 251, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 251, 78) }
```

Border

The CSS property to change the border of an element to YUV 231.2780, -75.5661, 17.2962 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(251, 251, 78) }
```


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

```
.border{ border-color:rgb(251, 251, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 251, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 251, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 251, 78);  
box-shadow:4px 4px 4px 4px rgb(251, 251,  
78) }
```

Background

The CSS property to change the background color of an element to YUV 231.2780, -75.5661, 17.2962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 251, 78) }
```

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

```
.background{ background-color: rgb(251,  
251, 78) }
```

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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