

Converting Colors

YUV(227.8440, -80.7751,
8.0298)

Have a look what the booklet for
YUV(227.8440, -80.7751, 8.0298)
contains.

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Color

**YUV(227.8440, -80.7751,
8.0298)**

Conversions

Conversions Part 1

Format	Color
Hex	EDFF40
RGB	237, 255, 64
RGB Percent	93%, 100%, 25%
CMY	0.0706, 0.0000, 0.7490
CMYK	0.07, 0.00, 0.75, 0.00
HSL	66°, 100%, 63%
HSV	66°, 75%, 100%
XYZ	71.6105, 89.8947, 18.4276
YIQ	227.8440, 50.5830, -63.2170

Conversions

Conversions Part 2

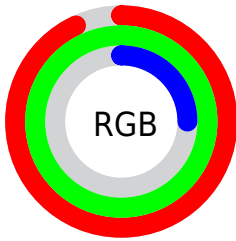
Format	Color
RYB	64, 255, 82
Decimal	15597376
CIELab	95.95, -27.59, 82.39
CIElCh	96, 86.890, 108.511
Yxy	89.8947, 0.3980, 0.4996
Android (android.graphics.Color)	4293787456 (0xFFEDFF40)
YUV	227.8440, -80.7751, 8.0298
Hunter-Lab	94.8128, -31.1045, 54.8455

Details

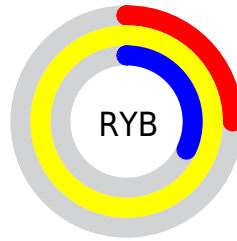
The YUV color **227.8440, -80.7751, 8.0298** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **91.1560, 80.7751, -8.0298**, and the grayscale version is **229.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.1800, -56.7837, 12.9971**, and **169.1490, -83.3905, 6.8853** is the 20% darker color. If you saturate the color by 10%, you get **224.2820, -91.8370, 9.3997**, and if you desaturate by 10%, it is **231.4060, -69.7132, 6.6599**.

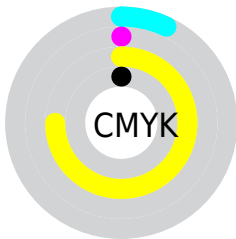
Distribution



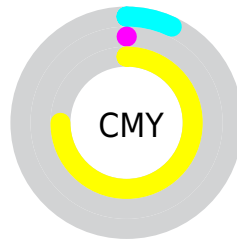
- Red (93%)
- Green (100%)
- Blue (25%)



- Red (25%)
- Yellow (100%)
- Blue (32%)



- Cyan (7%)
- Magenta (0%)
- Yellow (75%)
- Black (0%)



- Cyan (7%)
- Magenta (0%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 227.8440, -80.7751, 8.0298 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 227.8440, -80.7751, 8.0298 by changing the saturation by 10% instead.

227.8440,
-80.7751, 8.0298

227.8440,
-80.7751, 8.0298

255.0000, 0.0000,
0.0000

197.0630,
-86.3061, 8.7147

240.1800,
-56.7837, 12.9971

169.1490,
-83.3905, 6.8853

243.6000,
-43.6798, 9.9978

144.6290,
-71.3021, 2.9564

246.9060,
-31.0127, 7.0984

120.6960,
-59.5031, -1.4874

250.3260,
-17.9087, 4.0991

97.0620, -47.8516,
-5.3164

253.7460, -4.8048,
1.0998

73.7160, -36.3420,
-10.2749

51.8430, -25.5586,

-15.6483

■ 29.0730, -14.3330,
-22.8660

■ 17.0230, -8.3923,
-14.9292

■ 227.8440,
-80.7751, 8.0298

■ 227.8440,
-80.7751, 8.0298

■ 224.2820,
-91.8370, 9.3997

■ 231.4060,
-69.7132, 6.6599

■ 220.5350,
-102.3148, 10.0548

■ 235.1530,
-59.2354, 6.0048

■ 218.7540,
-107.8457, 10.7397

■ 238.7150,
-48.1735, 4.6349

■ 242.4620,
-37.6958, 3.9798

■ 246.0240,
-26.6338, 2.6100

■ 249.4720,
-16.0087, 1.3401

■ 253.3330, -5.0942,
0.5850

■ 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.



217.2630, -76.0517, 33.0953



227.8440, -80.7751, 8.0298



204.3000, -39.0949, -60.7761

Triad

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



227.8440, -80.7751, 8.0298



178.7550, 37.5888, -156.7681



203.9310, 25.1770, 44.7875

Complementary

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



227.8440, -80.7751, 8.0298



91.1560, 80.7751, -8.0298

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.



221.5410, 16.4953, 29.3435



227.8440, -80.7751, 8.0298



178.7550, 37.5888, -156.7681

Square

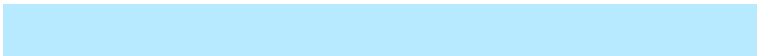
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



227.8440, -80.7751, 8.0298



178.7550, 37.5888, -156.7681



221.1450, 16.6905, -33.4532



195.9170, -0.4521, 51.8158

Rectangle

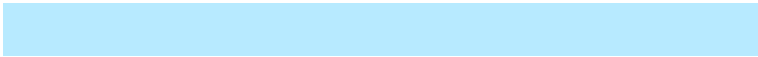
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



227.8440, -80.7751, 8.0298



169.9770, 3.9553, -149.0698



221.1450, 16.6905, -33.4532



208.6270, 22.8619, 40.6691

Sweetspot

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



227.8440, -80.7751, 8.0298



247.1210, -23.7237, 2.5249



130.5010, -32.7850, 109.1856



122.9280, -14.2615, 0.9401



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.



227.8440, -80.7751, 8.0298



222.2020, -97.2206, 9.4698



200.0370, -67.0662, -49.1444



125.9200, -5.3836, 0.0702



163.8440, -80.7751, 8.0298



54.9100, -27.0706, 2.7099

Inverse Universe

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



91.1560, 80.7751, -8.0298



57.7980, 97.2206, -9.4698



118.9630, 67.0662, 49.1444



116.7810, 5.5310, -0.6849



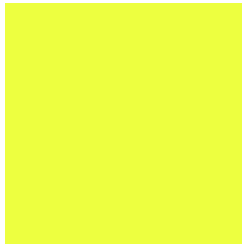
27.1560, 80.7751, -8.0298



9.0900, 27.0706, -2.7099

Previews

White Background



This preview shows how the YUV color 227.8440, -80.7751, 8.0298 looks on a white background.

Color Contrast Check

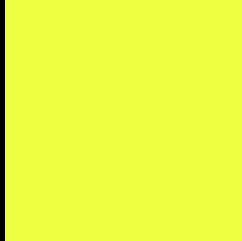
Large Text (above 18pt) WCAG AA × Fail

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 227.8440, -80.7751, 8.0298 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 227.8440, -80.7751, 8.0298

Background



This preview shows how black text looks on a background with the YUV color 227.8440, -80.7751, 8.0298.

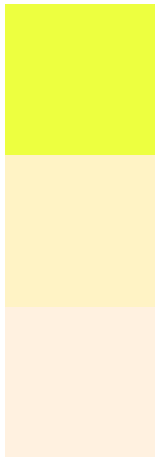


This preview shows how white text looks on a background with the YUV color 227.8440, -80.7751, 8.0298.

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

227.8440, -80.7751, 8.0298

Protanopia

241.3440, -21.8616, 11.9763

Deuteranopia

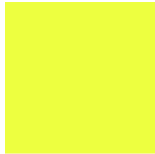
243.2480, -9.4893, 10.3065



Tritanopia

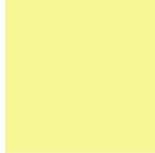
244.4230, 5.2145, 7.5220

Trichromacy



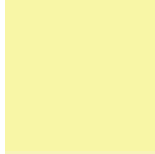
Original Color

227.8440, -80.7751, 8.0298



Protanomaly

236.1270, -42.9536, 10.4126



Deuteranomaly

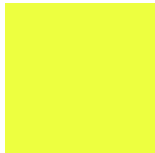
237.4780, -35.2387, 9.2278



Tritanomaly

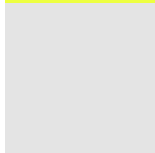
238.2850, -25.7765, 7.6431

Monochromacy



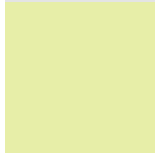
Original Color

227.8440, -80.7751, 8.0298



Achromatopsia

228.0000, 0.0000, 0.0000



Achromatomaly

227.9270, -29.5440, 2.6950

CSS Examples

Text

The CSS property to change the color of the text to YUV 227.8440, -80.7751, 8.0298 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(237, 255, 64)` looks like.

```
.text, #text, p{  
    color:rgb(237, 255, 64)  
}
```

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(237, 255, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 255, 64) }
```

Border

The CSS property to change the border of an element to YUV 227.8440, -80.7751, 8.0298 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(237, 255, 64) }
```


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

```
.border{ border-color:rgb(237, 255, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 255, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 255, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 255, 64);  
box-shadow:4px 4px 4px 4px rgb(237, 255,  
64) }
```

Background

The CSS property to change the background color of an element to YUV 227.8440, -80.7751, 8.0298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 255, 64) }
```

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

```
.background{ background-color: rgb(237,  
255, 64) }
```

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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