

Converting Colors

YUV(225.3820, -80.0543,
10.1890)

Have a look what the booklet for
YUV(225.3820, -80.0543, 10.1890)
contains.

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Color

**YUV(225.3820, -80.0543,
10.1890)**

Conversions

Conversions Part 1

Format	Color
Hex	EDFB3F
RGB	237, 251, 63
RGB Percent	93%, 98%, 25%
CMY	0.0706, 0.0157, 0.7529
CMYK	0.06, 0.00, 0.75, 0.02
HSL	64°, 96%, 62%
HSV	64°, 75%, 98%
XYZ	70.3194, 87.3578, 17.8581
YIQ	225.3820, 52.0040, -61.4360

Conversions

Conversions Part 2

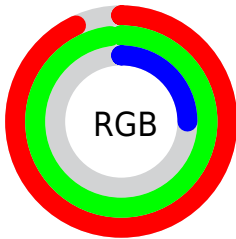
Format	Color
RYB	63, 251, 77
Decimal	15596351
CIELab	94.89, -25.75, 81.71
CIELCh	95, 85.675, 107.494
Yxy	87.3578, 0.4006, 0.4977
Android (android.graphics.Color)	4293786431 (0xFFEDFB3F)
YUV	225.3820, -80.0543, 10.1890
Hunter-Lab	93.4654, -29.2685, 54.0974

Details

The YUV color **225.3820, -80.0543, 10.1890** 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 **88.6180, 80.0543, -10.1890**, and the grayscale version is **226.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.0660, -57.2205, 13.0971**, and **167.3880, -82.5223, 8.4297** is the 20% darker color. If you saturate the color by 10%, you get **221.9340, -90.6795, 11.4589**, and if you desaturate by 10%, it is **228.8300, -69.4292, 8.9191**.

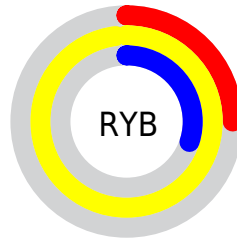
Distribution



Red (93%)

Green (98%)

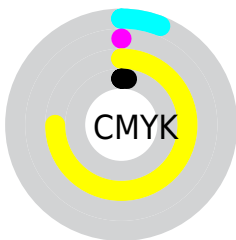
Blue (25%)



Red (25%)

Yellow (98%)

Blue (30%)

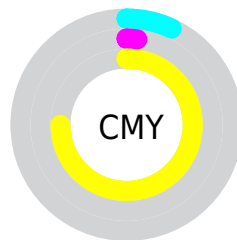


Cyan (6%)

Magenta (0%)

Yellow (75%)

Black (2%)



Cyan (7%)

Magenta (2%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 225.3820, -80.0543, 10.1890 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 225.3820, -80.0543, 10.1890 by changing the saturation by 10% instead.

225.3820,
-80.0543, 10.1890

225.3820,
-80.0543, 10.1890

255.0000, 0.0000,
0.0000

194.6010,
-85.5853, 10.8739

240.0660,
-57.2205, 13.0971

167.3880,
-82.5223, 8.4297

243.3720,
-44.5534, 10.1978

142.8680,
-70.4339, 4.5008

246.7920,
-31.4495, 7.1984

118.3480,
-58.3456, 0.5718

250.0980,
-18.7823, 4.2991

95.3010, -46.9834,
-3.7720

253.5180, -5.6784,
1.2997

72.2540, -35.6212,
-8.1158

50.3810, -24.8378,

-13.4891

■ 27.9100, -13.7596,
-20.0921

■ 15.2620, -7.5242,
-13.3848

■ 225.3820,
-80.0543, 10.1890

■ 225.3820,
-80.0543, 10.1890

■ 221.9340,
-90.6795, 11.4589

■ 228.8300,
-69.4292, 8.9191

■ 218.4860,
-101.3046, 12.7288

■ 232.2780,
-58.8041, 7.6492

■ 216.7050,
-106.8356, 13.4137

■ 235.7260,
-48.1789, 6.3793

■ 238.8750,
-37.4064, 4.4946

242.3230,
-26.7812, 3.2247

245.8850,
-15.7193, 1.8549

249.3330, -5.0942,
0.5850

251.7550, 1.5998,
0.2149

252.3530, 1.3050,
1.4444

Harmonies

Analogous

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



215.1430, -74.0205, 34.9546



225.3820, -80.0543, 10.1890



204.7410, -41.2843, -58.5319

Triad

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



225.3820, -80.0543, 10.1890



178.7550, 37.5888, -156.7681



203.3440, 25.4664, 45.3023

Complementary

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



225.3820, -80.0543, 10.1890



88.6180, 80.0543, -10.1890

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.



220.9540, 16.7847, 29.8583



225.3820, -80.0543, 10.1890



178.7550, 37.5888, -156.7681

Square

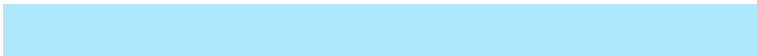
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



225.3820, -80.0543, 10.1890



178.7550, 37.5888, -156.7681



218.1660, 18.1592, -37.8566



194.7430, 0.1267, 52.8454

Rectangle

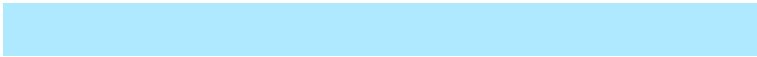
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



225.3820, -80.0543, 10.1890



169.4070, 1.7713, -148.5699



218.1660, 18.1592, -37.8566



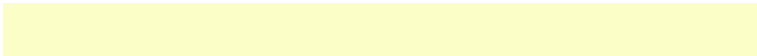
208.0400, 23.1513, 41.1839

Sweetspot

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



225.3820, -80.0543, 10.1890



247.4200, -23.8711, 3.1397



126.8430, -31.4746, 108.8857



123.2270, -14.4089, 1.5549



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.



225.3820, -80.0543, 10.1890



223.6970, -97.9576, 12.5437



197.5750, -66.3455, -46.9853



123.2190, -5.5310, 0.6849



163.2680, -80.4911, 10.2890



52.8500, -26.0550, 3.6396

Inverse Universe

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



88.6180, 80.0543, -10.1890



56.6020, 97.8102, -11.9290



116.4250, 66.3455, 46.9853



113.7810, 5.5310, -0.6849



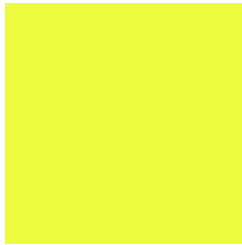
25.7320, 80.4911, -10.2890



8.4490, 25.9076, -3.0248

Previews

White Background



This preview shows how the YUV color 225.3820, -80.0543, 10.1890 looks on a white background.

Color Contrast Check

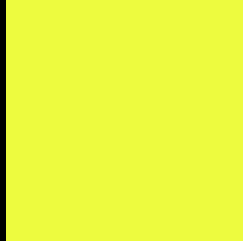
Large Text (above 18pt) WCAG AA × Fail

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 225.3820, -80.0543, 10.1890 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 225.3820, -80.0543, 10.1890

Background



This preview shows how black text looks on a background with the YUV color 225.3820, -80.0543, 10.1890.



This preview shows how white text looks on a background with the YUV color 225.3820, -80.0543, 10.1890.

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

225.3820, -80.0543, 10.1890

Protanopia

237.6450, -28.4190, 15.2203

Deuteranopia

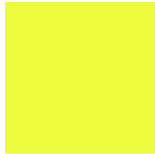
239.9880, -11.8261, 13.1655



Tritanopia

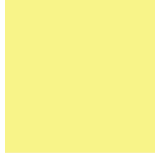
242.0320, 4.9142, 10.4959

Trichromacy



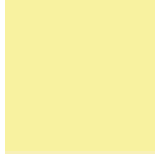
Original Color

225.3820, -80.0543, 10.1890



Protanomaly

232.9980, -47.3270, 13.1568



Deuteranomaly

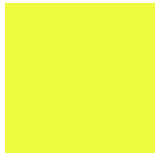
234.4460, -36.7019, 11.8869



Tritanomaly

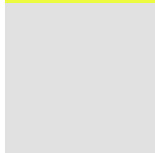
235.8940, -26.0767, 10.6170

Monochromacy



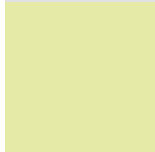
Original Color

225.3820, -80.0543, 10.1890



Achromatopsia

225.0000, 0.0000, 0.0000



Achromatomaly

224.7530, -28.9652, 3.7246

CSS Examples

Text

The CSS property to change the color of the text to YUV 225.3820, -80.0543, 10.1890 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, 251, 63)` looks like.

```
.text, #text, p{  
    color:rgb(237, 251, 63)  
}
```

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, 251, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 251, 63) }
```

Border

The CSS property to change the border of an element to YUV 225.3820, -80.0543, 10.1890 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, 251, 63) }
```


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

```
.border{ border-color:rgb(237, 251, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 251, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 251, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 251, 63);  
box-shadow:4px 4px 4px 4px rgb(237, 251,  
63) }
```

Background

The CSS property to change the background color of an element to YUV 225.3820, -80.0543, 10.1890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 251, 63) }
```

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

```
.background{ background-color: rgb(237,  
251, 63) }
```

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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