

Converting Colors

YUV(221.8280, -76.3302,
29.0918)

Have a look what the booklet for
YUV(221.8280, -76.3302, 29.0918)
contains.

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Color

**YUV(221.8280, -76.3302,
29.0918)**

Conversions

Conversions Part 1

Format	Color
Hex	FFEB43
RGB	255, 235, 67
RGB Percent	100%, 92%, 26%
CMY	0.0000, 0.0784, 0.7373
CMYK	0.00, 0.08, 0.74, 0.00
HSL	54°, 100%, 63%
HSV	54°, 74%, 100%
XYZ	71.9615, 81.0819, 17.1678
YIQ	221.8280, 65.8480, -48.0080

Conversions

Conversions Part 2

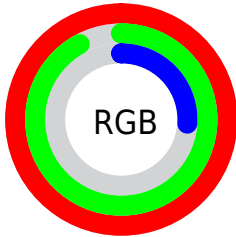
Format	Color
RYB	89, 255, 67
Decimal	16771907
CIELab	92.17, -10.53, 78.45
CIELCh	92, 79.153, 97.645
Yxy	81.0819, 0.4228, 0.4764
Android (android.graphics.Color)	4294961987 (0xFFFFE843)
YUV	221.8280, -76.3302, 29.0918
Hunter-Lab	90.0455, -14.9282, 51.7278

Details

The YUV color **221.8280, -76.3302, 29.0918** 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 **100.1720, 76.3302, -29.0918**, and the grayscale version is **223.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.2940, -56.3469, 12.8972**, and **163.6660, -80.6873, 26.6029** is the 20% darker color. If you saturate the color by 10%, you get **217.1030, -86.8188, 33.2357**, and if you desaturate by 10%, it is **226.4390, -66.2784, 25.0480**.

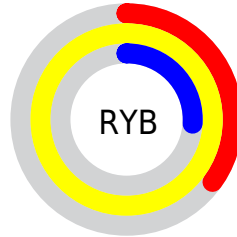
Distribution



Red (100%)

Green (92%)

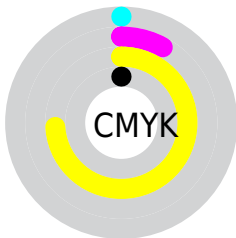
Blue (26%)



Red (35%)

Yellow (100%)

Blue (26%)

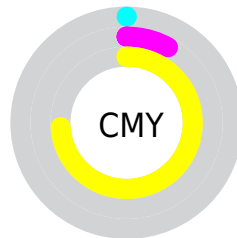


Cyan (0%)

Magenta (8%)

Yellow (74%)

Black (0%)



Cyan (0%)

Magenta (8%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 221.8280, -76.3302, 29.0918 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 221.8280, -76.3302, 29.0918 by changing the saturation by 10% instead.

221.8280,
-76.3302, 29.0918

221.8280,
-76.3302, 29.0918

255.0000, 0.0000,
0.0000

192.0190,
-79.3824, 28.0473

240.2940,
-56.3469, 12.8972

163.6660,
-80.6873, 26.6029

243.6000,
-43.6798, 9.9978

139.1460,
-68.5990, 22.6740

246.9060,
-31.0127, 7.0984

115.2130,
-56.8000, 18.2302

250.2120,
-18.3455, 4.1991

92.4540, -45.5798,
12.7568

253.6320, -5.2416,
1.1997

69.9940, -34.5070,
7.8983

48.7190, -24.0185,

3.7544

■ 28.9170, -14.2561,
-0.8042

■ 8.2180, -4.0515,
-7.2072

■ 221.8280,
-76.3302, 29.0918

■ 221.8280,
-76.3302, 29.0918

■ 217.1030,
-86.8188, 33.2357

■ 226.4390,
-66.2784, 25.0480

■ 213.0790,
-97.1599, 36.7647

■ 230.5770,
-55.5005, 21.4190

■ 210.0810,
-103.5699, 39.3940

■ 235.3020,
-45.0119, 17.2751

■ 239.9130,
-34.9601, 13.2313

■ 244.6380,
-24.4715, 9.0875

■ 248.6620,
-14.1304, 5.5584

■ 253.2730, -4.0786,
1.5146

■ 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.



208.2590, -59.7807, 40.9919



221.8280, -76.3302, 29.0918



212.9800, -53.7271, -34.1855

Triad

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



221.8280, -76.3302, 29.0918



178.7550, 37.5888, -156.7681



207.4530, 23.4407, 41.6987

Complementary

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



221.8280, -76.3302, 29.0918



100.1720, 76.3302, -29.0918

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.



225.0630, 14.7589, 26.2547



221.8280, -76.3302, 29.0918



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.



221.8280, -76.3302, 29.0918



178.1850, 35.4048, -156.2682



200.5030, 26.8670, -77.6171



195.9630, 9.8782, 51.7754

Rectangle

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



221.8280, -76.3302, 29.0918



195.4460, -23.8839, -86.3371



200.5030, 26.8670, -77.6171



212.7360, 20.8362, 37.0655

Sweetspot

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



221.8280, -76.3302, 29.0918



245.0940, -22.7243, 8.6876



125.7200, -18.1030, 113.3786



121.7760, -13.6936, 5.4584



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.



221.8280, -76.3302, 29.0918



215.3760, -90.8974, 34.7502



212.0400, -71.5047, -25.4681



125.3440, -5.0996, 2.3293



157.4860, -77.6406, 29.3918



52.5950, -25.9293, 10.0022

Inverse Universe

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



100.1720, 76.3302, -29.0918



70.0370, 91.1868, -34.2354



109.9600, 71.5047, 25.4681



117.0690, 5.3890, -1.8145



33.5140, 77.6406, -29.3918



11.4050, 25.9293, -10.0022

Previews

White Background



This preview shows how the YUV color 221.8280, -76.3302, 29.0918 looks on a white background.

Color Contrast Check

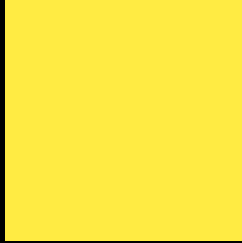
Large Text (above 18pt) WCAG AA × Fail

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 221.8280, -76.3302, 29.0918 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 221.8280, -76.3302, 29.0918

Background



This preview shows how black text looks on a background with the YUV color 221.8280, -76.3302, 29.0918.



This preview shows how white text looks on a background with the YUV color 221.8280, -76.3302, 29.0918.

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

221.8280, -76.3302, 29.0918

Protanopia

227.4940, -49.5435, 24.1228

Deuteranopia

232.3110, -18.3943, 19.8983



Tritanopia

235.1100, -0.0542, 17.4435

Trichromacy



Original Color

221.8280, -76.3302, 29.0918

Protanomaly

225.5730, -59.4425, 25.8075

Deuteranomaly

228.7140, -39.7920, 23.0528

Tritanomaly

230.5040, -27.8565, 21.4830

Monochromacy



Original Color

221.8280, -76.3302, 29.0918

Achromatopsia

222.0000, 0.0000, 0.0000

Achromatomaly

222.1390, -27.6765, 10.4021

CSS Examples

Text

The CSS property to change the color of the text to YUV 221.8280, -76.3302, 29.0918 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(255, 235, 67)` looks like.

```
.text, #text, p{  
    color:rgb(255, 235, 67)  
}
```

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(255, 235, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 235, 67) }
```

Border

The CSS property to change the border of an element to YUV 221.8280, -76.3302, 29.0918 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(255, 235, 67) }
```


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

```
.border{ border-color:rgb(255, 235, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 235, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 235, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 235, 67);  
box-shadow:4px 4px 4px 4px rgb(255, 235,  
67) }
```

Background

The CSS property to change the background color of an element to YUV 221.8280, -76.3302, 29.0918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 235, 67) }
```

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

```
.background{ background-color: rgb(255,  
235, 67) }
```

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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