

Converting Colors

YUV(225.7090, -79.2295,
25.6882)

Have a look what the booklet for
YUV(225.7090, -79.2295, 25.6882)
contains.

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Color

**YUV(225.7090, -79.2295,
25.6882)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF241
RGB	255, 242, 65
RGB Percent	100%, 95%, 25%
CMY	0.0000, 0.0510, 0.7451
CMYK	0.00, 0.05, 0.75, 0.00
HSL	56°, 100%, 63%
HSV	56°, 75%, 100%
XYZ	73.9463, 85.1459, 17.5384
YIQ	225.7090, 64.5650, -52.2910

Conversions

Conversions Part 2

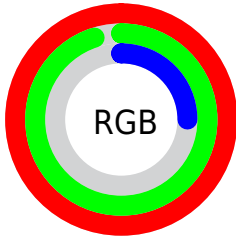
Format	Color
RYB	79, 255, 65
Decimal	16773697
CIELab	93.95, -14.04, 80.74
CIELCh	94, 81.954, 99.865
Yxy	85.1459, 0.4186, 0.4821
Android (android.graphics.Color)	4294963777 (0xFFFFFFFF)
YUV	225.7090, -79.2295, 25.6882
Hunter-Lab	92.2745, -18.4355, 53.3230

Details

The YUV color **225.7090, -79.2295, 25.6882** 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 **94.2910, 79.2295, -25.6882**, and the grayscale version is **226.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.1800, -56.7837, 12.9971**, and **167.1880, -82.4237, 23.5141** is the 20% darker color. If you saturate the color by 10%, you get **221.5710, -90.0075, 29.3172**, and if you desaturate by 10%, it is **229.7330, -68.8884, 22.1592**.

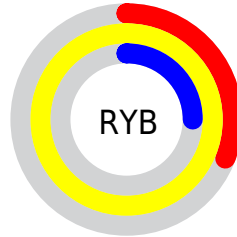
Distribution



Red (100%)

Green (95%)

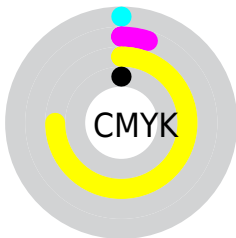
Blue (25%)



Red (31%)

Yellow (100%)

Blue (25%)

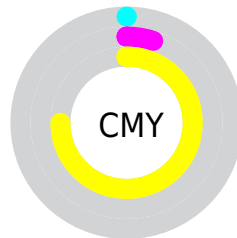


Cyan (0%)

Magenta (5%)

Yellow (75%)

Black (0%)



Cyan (0%)

Magenta (5%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 225.7090, -79.2295, 25.6882 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 225.7090, -79.2295, 25.6882 by changing the saturation by 10% instead.

225.7090,
-79.2295, 25.6882

225.7090,
-79.2295, 25.6882

255.0000, 0.0000,
0.0000

195.6720,
-83.1553, 24.8437

240.1800,
-56.7837, 12.9971

167.1880,
-82.4237, 23.5141

243.4860,
-44.1166, 10.0978

142.6680,
-70.3353, 19.5852

246.7920,
-31.4495, 7.1984

119.0230,
-58.6783, 14.0118

250.2120,
-18.3455, 4.1991

95.3890, -47.0268,
10.1828

253.5180, -5.6784,
1.2997

72.9290, -35.9540,
5.3243

51.9420, -25.6074,

0.0509

■ 31.5530, -15.5556,
-3.9930

■ 12.3270, -6.0772,
-10.8108

■ 225.7090,
-79.2295, 25.6882

■ 225.7090,
-79.2295, 25.6882

■ 221.5710,
-90.0075, 29.3172

■ 229.7330,
-68.8884, 22.1592

■ 218.1340,
-100.6381, 32.3315

■ 233.2840,
-57.8210, 19.0449

■ 215.9510,
-106.4638, 34.2460

■ 237.4220,
-47.0430, 15.4159

■ 241.4460,
-36.7019, 11.8869

■ 245.5840,
-25.9239, 8.2578

■ 249.0210,
-15.2934, 5.2436

■ 253.0450, -4.9522,
1.7145

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.



211.2110, -63.7010, 38.4030



225.7090, -79.2295, 25.6882



212.5280, -51.5323, -38.1741

Triad

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



225.7090, -79.2295, 25.6882



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.



225.7090, -79.2295, 25.6882



94.2910, 79.2295, -25.6882

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.



225.6500, 14.4696, 25.7400



225.7090, -79.2295, 25.6882



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.



225.7090, -79.2295, 25.6882



178.7550, 37.5888, -156.7681



206.7490, 23.7877, -69.9399



197.0230, 8.8627, 50.8458

Rectangle

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



225.7090, -79.2295, 25.6882



191.4600, -18.4678, -96.8734



206.7490, 23.7877, -69.9399



212.7360, 20.8362, 37.0655

Sweetspot

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



225.7090, -79.2295, 25.6882



246.2680, -23.3031, 7.6580



123.6340, -21.0186, 115.2080



122.3630, -13.9830, 4.9436



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.



225.7090, -79.2295, 25.6882



219.7300, -94.5229, 30.9318



209.7190, -71.3465, -29.5716



125.9310, -5.3890, 1.8145



161.5950, -79.6663, 25.7882



53.7690, -26.5081, 8.9726

Inverse Universe

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



94.2910, 79.2295, -25.6882



63.2700, 94.5229, -30.9318



110.2810, 71.3465, 29.5716



117.0690, 5.3890, -1.8145



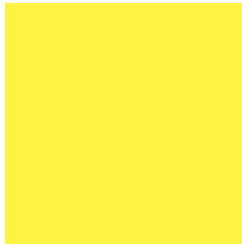
29.4050, 79.6663, -25.7882



9.6440, 26.7975, -8.4578

Previews

White Background



This preview shows how the YUV color 225.7090, -79.2295, 25.6882 looks on a white background.

Color Contrast Check

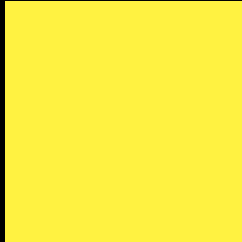
Large Text (above 18pt) WCAG AA × Fail

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 225.7090, -79.2295, 25.6882 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 225.7090, -79.2295, 25.6882 Background



This preview shows how black text looks on a background with the YUV color 225.7090, -79.2295, 25.6882.



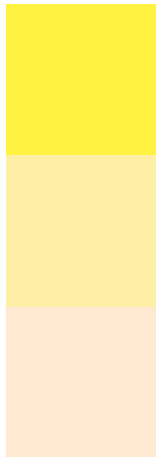
This preview shows how white text looks on a background with the YUV color 225.7090, -79.2295, 25.6882.

25.6882.

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

225.7090, -79.2295, 25.6882

Protanopia

234.7610, -34.3922, 17.7496

Deuteranopia

237.4290, -14.0155, 15.4098



Tritanopia

239.3160, 0.8302, 13.7549

Trichromacy



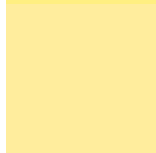
Original Color

225.7090, -79.2295, 25.6882



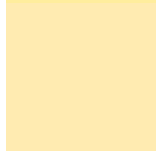
Protanomaly

231.2440, -50.4063, 20.8340



Deuteranomaly

233.2620, -37.5972, 19.0642



Tritanomaly

234.3680, -28.2824, 18.0943

Monochromacy



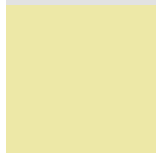
Original Color

225.7090, -79.2295, 25.6882



Achromatopsia

226.0000, 0.0000, 0.0000



Achromatomaly

226.0850, -29.1289, 9.5725

CSS Examples

Text

The CSS property to change the color of the text to YUV 225.7090, -79.2295, 25.6882 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, 242, 65)` looks like.

```
.text, #text, p{  
    color:rgb(255, 242, 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(255, 242, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 242, 65) }
```

Border

The CSS property to change the border of an element to YUV 225.7090, -79.2295, 25.6882 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, 242, 65) }
```


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

```
.border{ border-color:rgb(255, 242, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 242, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 242, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 242, 65);  
box-shadow:4px 4px 4px 4px rgb(255, 242,  
65) }
```

Background

The CSS property to change the background color of an element to YUV 225.7090, -79.2295, 25.6882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 242, 65) }
```

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

```
.background{ background-color: rgb(255,  
242, 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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