

Converting Colors

YUV(222.5510, -83.0956,
5.6558)

Have a look what the booklet for
YUV(222.5510, -83.0956, 5.6558)
contains.

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Color

**YUV(222.5510, -83.0956,
5.6558)**

Conversions

Conversions Part 1

Format	Color
Hex	E5FC36
RGB	229, 252, 54
RGB Percent	90%, 99%, 21%
CMY	0.1020, 0.0118, 0.7882
CMYK	0.09, 0.00, 0.79, 0.01
HSL	67°, 97%, 60%
HSV	67°, 79%, 99%
XYZ	67.7894, 86.5452, 16.6220
YIQ	222.5510, 49.8500, -66.4540

Conversions

Conversions Part 2

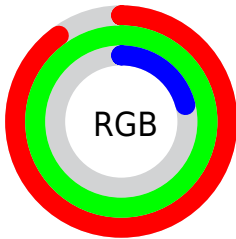
Format	Color
RYB	54, 252, 77
Decimal	15072310
CIELab	94.54, -29.76, 83.70
CIELCh	95, 88.837, 109.571
Yxy	86.5452, 0.3965, 0.5062
Android (android.graphics.Color)	4293262390 (0xFFE5FC36)
YUV	222.5510, -83.0956, 5.6558
Hunter-Lab	93.0297, -32.7315, 54.5271

Details

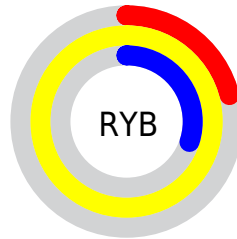
The YUV color **222.5510, -83.0956, 5.6558** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **83.4490, 83.0956, -5.6558**, and the grayscale version is **223.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **239.3820, -59.8413, 13.6970**, and **165.5830, -81.6324, 2.9967** is the 20% darker color. If you saturate the color by 10%, you get **218.8040, -93.5734, 6.3109**, and if you desaturate by 10%, it is **226.2980, -72.6179, 5.0007**.

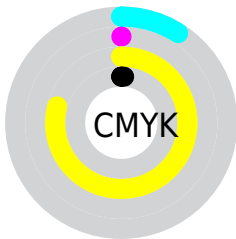
Distribution



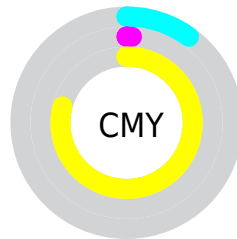
- Red (90%)
- Green (99%)
- Blue (21%)



- Red (21%)
- Yellow (99%)
- Blue (30%)



- Cyan (9%)
- Magenta (0%)
- Yellow (79%)
- Black (1%)



- Cyan (10%)
- Magenta (1%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 222.5510, -83.0956, 5.6558 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 222.5510, -83.0956, 5.6558 by changing the saturation by 10% instead.

222.5510,
-83.0956, 5.6558

222.5510,
-83.0956, 5.6558

255.0000, 0.0000,
0.0000

190.4020,
-93.8682, 7.5404

239.3820,
-59.8413, 13.6970

165.5830,
-81.6324, 2.9967

242.6880,
-47.1742, 10.7976

140.4760,
-69.2547, -0.4175

246.1080,
-34.0702, 7.7983

116.5430,
-57.4557, -4.8612

249.4140,
-21.4031, 4.8989

92.9090, -45.8041,
-8.6902

252.8340, -8.2992,
1.8996

70.1500, -34.5840,
-14.1636

47.3910, -23.3638,

-19.6369

■ 26.4150, -13.0226,
-23.1660

■ 14.6750, -7.2348,
-12.8700

■ 222.5510,
-83.0956, 5.6558

■ 222.5510,
-83.0956, 5.6558

■ 218.8040,
-93.5734, 6.3109

■ 226.2980,
-72.6179, 5.0007

■ 215.0570,
-104.0511, 6.9660

■ 230.0450,
-62.1402, 4.3455

■ 214.6010,
-105.7983, 7.3659

■ 233.9060,
-51.2257, 3.5904

■ 237.6530,
-40.7479, 2.9353

■ 241.4000,
-30.2702, 2.2802

■ 245.1470,
-19.7925, 1.6251

■ 248.5950, -9.1673,
0.3552

■ 252.3420, 1.3104,
-0.2999

■ 253.2390, 0.8682,
1.5444

Harmonies

Analogous

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



214.0200, -80.8619, 35.9395



222.5510, -83.0956, 5.6558



199.9570, -38.9258, -68.3683

Triad

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



222.5510, -83.0956, 5.6558



178.7550, 37.5888, -156.7681



199.2350, 27.4921, 48.9059

Complementary

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



222.5510, -83.0956, 5.6558



83.4490, 83.0956, -5.6558

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.



217.4320, 18.5210, 32.9471



222.5510, -83.0956, 5.6558



178.7550, 37.5888, -156.7681

Square

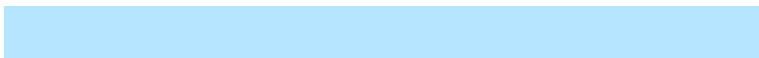
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



222.5510, -83.0956, 5.6558



178.7550, 37.5888, -156.7681



217.9110, 18.2849, -31.4939



191.4830, -2.2101, 55.7044

Rectangle

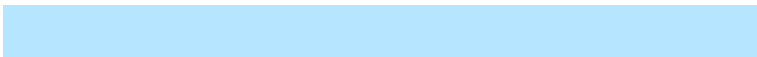
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



222.5510, -83.0956, 5.6558



169.7490, 3.0817, -148.8699



217.9110, 18.2849, -31.4939



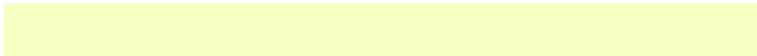
203.9310, 25.1770, 44.7875

Sweetspot

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



222.5510, -83.0956, 5.6558



245.9530, -25.6128, 1.7952



124.9420, -34.9744, 111.4299



122.2870, -15.4245, 0.6253



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.



222.5510, -83.0956, 5.6558



219.2680, -100.7041, 6.7810



193.8470, -68.9446, -53.3628



122.9200, -5.3836, 0.0702



160.8760, -79.3119, 5.3707



51.9530, -25.6128, 1.7952

Inverse Universe

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



83.4490, 83.0956, -5.6558



50.7320, 100.7041, -6.7810



112.1530, 68.9446, 53.3628



114.0800, 5.3836, -0.0702



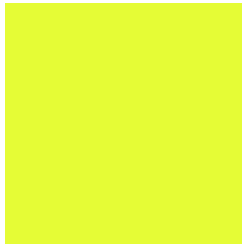
28.1240, 79.3119, -5.3707



9.0470, 25.6128, -1.7952

Previews

White Background



This preview shows how the YUV color 222.5510, -83.0956, 5.6558 looks on a white background.

Color Contrast Check

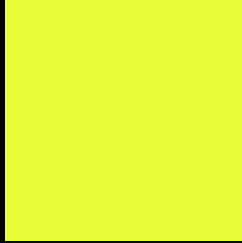
Large Text (above 18pt) WCAG AA × Fail

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 222.5510, -83.0956, 5.6558 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 222.5510, -83.0956, 5.6558

Background



This preview shows how black text looks on a background with the YUV color 222.5510, -83.0956, 5.6558.



This preview shows how white text looks on a background with the YUV color 222.5510, -83.0956, 5.6558.

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

222.5510, -83.0956, 5.6558

Protanopia

236.2600, -31.1872, 16.4350

Deuteranopia

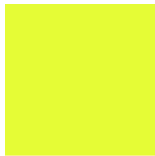
239.0590, -12.8471, 13.9803



Tritanopia

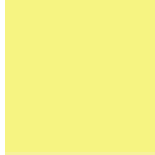
240.6400, 6.0935, 5.5777

Trichromacy



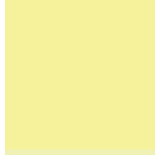
Original Color

222.5510, -83.0956, 5.6558



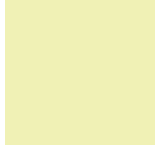
Protanomaly

231.6020, -50.0898, 12.6270



Deuteranomaly

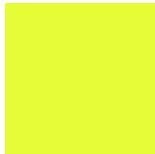
233.2780, -38.5911, 11.1572



Tritanomaly

233.8610, -26.0605, 5.3839

Monochromacy



Original Color

222.5510, -83.0956, 5.6558



Achromatopsia

223.0000, 0.0000, 0.0000



Achromatomaly

223.1010, -30.1228, 1.6654

CSS Examples

Text

The CSS property to change the color of the text to YUV 222.5510, -83.0956, 5.6558 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(229, 252, 54)` looks like.

```
.text, #text, p{  
    color:rgb(229, 252, 54)  
}
```

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(229, 252, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 252, 54) }
```

Border

The CSS property to change the border of an element to YUV 222.5510, -83.0956, 5.6558 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(229, 252, 54) }
```


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

```
.border{ border-color:rgb(229, 252, 54) }
```

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

Here you see how a box with a 4 pixel rgb(229, 252, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 252, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 252, 54);  
box-shadow:4px 4px 4px 4px rgb(229, 252,  
54) }
```

Background

The CSS property to change the background color of an element to YUV 222.5510, -83.0956, 5.6558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 252, 54) }
```

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

```
.background{ background-color: rgb(229,  
252, 54) }
```

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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