

Converting Colors

YUV(220.0550, -77.4281,
7.8448)

Have a look what the booklet for
YUV(220.0550, -77.4281, 7.8448)
contains.

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Color

**YUV(220.0550, -77.4281,
7.8448)**

Conversions

Conversions Part 1

Format	Color
Hex	E5F63F
RGB	229, 246, 63
RGB Percent	90%, 96%, 25%
CMY	0.1020, 0.0353, 0.7529
CMYK	0.07, 0.00, 0.74, 0.04
HSL	66°, 91%, 61%
HSV	66°, 74%, 96%
XYZ	66.1661, 82.9284, 17.2221
YIQ	220.0550, 48.6110, -60.5170

Conversions

Conversions Part 2

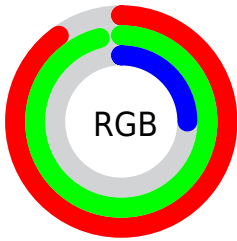
Format	Color
RYB	63, 246, 80
Decimal	15070783
CIELab	92.98, -26.62, 79.74
CIELCh	93, 84.067, 108.461
Yxy	82.9284, 0.3978, 0.4986
Android (android.graphics.Color)	4293260863 (0xFFE5F63F)
YUV	220.0550, -77.4281, 7.8448
Hunter-Lab	91.0650, -29.6693, 52.5327

Details

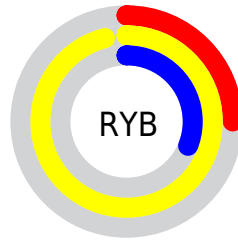
The YUV color **220.0550, -77.4281, 7.8448** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **88.9450, 77.4281, -7.8448**, and the grayscale version is **221.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.0660, -57.2205, 13.0971**, and **162.3600, -80.0435, 6.7003** is the 20% darker color. If you saturate the color by 10%, you get **216.6070, -88.0533, 9.1147**, and if you desaturate by 10%, it is **223.5030, -66.8030, 6.5749**.

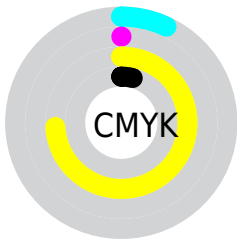
Distribution



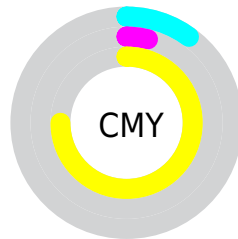
- Red (90%)
- Green (96%)
- Blue (25%)



- Red (25%)
- Yellow (96%)
- Blue (31%)



- Cyan (7%)
- Magenta (0%)
- Yellow (74%)
- Black (4%)



- Cyan (10%)
- Magenta (4%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 220.0550, -77.4281, 7.8448 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 220.0550, -77.4281, 7.8448 by changing the saturation by 10% instead.

220.0550,
-77.4281, 7.8448

220.0550,
-77.4281, 7.8448

255.0000, 0.0000,
0.0000

190.0890,
-82.3749, 7.8149

240.0660,
-57.2205, 13.0971

162.3600,
-80.0435, 6.7003

243.3720,
-44.5534, 10.1978

137.5410,
-67.8077, 2.1565

246.6780,
-31.8863, 7.2984

113.9070,
-56.1562, -1.6724

249.9840,
-19.2191, 4.3990

90.2730, -44.5046,
-5.5014

253.4040, -6.1152,
1.3997

67.8130, -33.4318,
-10.3600

45.3530, -22.3590,

-15.2186

■ 24.0670, -11.8650,
-21.1068

■ 10.5660, -5.2090,
-9.2664

■ 220.0550,
-77.4281, 7.8448

■ 220.0550,
-77.4281, 7.8448

■ 216.6070,
-88.0533, 9.1147

■ 223.5030,
-66.8030, 6.5749

■ 212.9740,
-98.0942, 9.6698

■ 227.1360,
-56.7620, 6.0197

■ 211.0790,
-104.0619, 10.4547

■ 230.5840,
-46.1369, 4.7498

■ 233.9180,
-35.9486, 3.5799

■ 237.3660,
-25.3234, 2.3100

■ 241.1130,
-14.8457, 1.6549

■ 244.4470, -4.6574,
0.4850

■ 247.3250, 3.7838,
-0.2850

■ 248.2220, 3.3416,
1.5593

Harmonies

Analogous

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



212.4530, -74.1733, 37.3137



220.0550, -77.4281, 7.8448



202.6480, -40.2525, -62.8353

Triad

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



220.0550, -77.4281, 7.8448



178.7550, 37.5888, -156.7681



200.9960, 26.6240, 47.3615

Complementary

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



220.0550, -77.4281, 7.8448



88.9450, 77.4281, -7.8448

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



220.0550, -77.4281, 7.8448



177.5810, 38.1676, -155.7385

Square

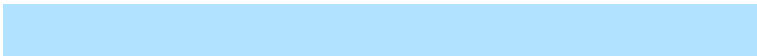
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



220.0550, -77.4281, 7.8448



178.7550, 37.5888, -156.7681



214.6550, 19.8901, -33.0234



192.1840, -2.0627, 55.0896

Rectangle

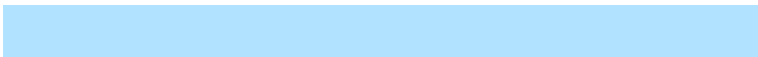
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



220.0550, -77.4281, 7.8448



169.2930, 1.3346, -148.4700



214.6550, 19.8901, -33.0234



205.1050, 24.5982, 43.7579

Sweetspot

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



220.0550, -77.4281, 7.8448



247.1210, -23.7237, 2.5249



126.5220, -31.3163, 104.7822



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.



220.0550, -77.4281, 7.8448



222.8430, -96.0576, 9.7847



193.1450, -64.1615, -47.4852



120.3330, -5.0942, 0.5850



159.7130, -78.7385, 8.1447



50.4800, -24.8866, 2.2100

Inverse Universe

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



88.9450, 77.4281, -7.8448



60.1570, 96.0576, -9.7847



115.8550, 64.1615, 47.4852



111.6670, 5.0942, -0.5850



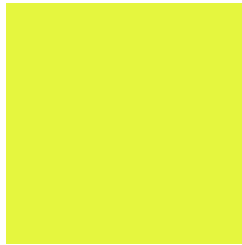
26.2870, 78.7385, -8.1447



8.2210, 25.0340, -2.8248

Previews

White Background



This preview shows how the YUV color 220.0550, -77.4281, 7.8448 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 220.0550, -77.4281, 7.8448 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 220.0550, -77.4281, 7.8448

Background



This preview shows how black text looks on a background with the YUV color 220.0550, -77.4281, 7.8448.

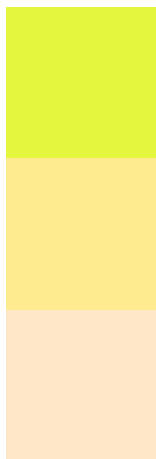


This preview shows how white text looks on a background with the YUV color 220.0550, -77.4281, 7.8448.

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

220.0550, -77.4281, 7.8448

Protanopia

230.4920, -43.1336, 21.4935

Deuteranopia

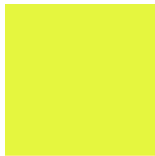
234.6420, -17.0785, 17.8540



Tritanopia

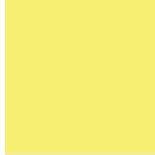
236.1350, 5.3564, 8.6516

Trichromacy



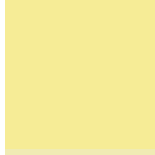
Original Color

220.0550, -77.4281, 7.8448



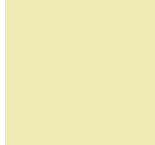
Protanomaly

226.8430, -55.6316, 16.8007



Deuteranomaly

229.1860, -39.0387, 14.7459



Tritanomaly

230.2250, -24.7609, 8.5727

Monochromacy



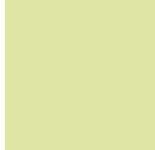
Original Color

220.0550, -77.4281, 7.8448



Achromatopsia

220.0000, 0.0000, 0.0000



Achromatomaly

219.6820, -27.9442, 2.9099

CSS Examples

Text

The CSS property to change the color of the text to YUV 220.0550, -77.4281, 7.8448 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, 246, 63)` looks like.

```
.text, #text, p{  
    color:rgb(229, 246, 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(229, 246, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 246, 63) }
```

Border

The CSS property to change the border of an element to YUV 220.0550, -77.4281, 7.8448 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, 246, 63) }
```


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

```
.border{ border-color:rgb(229, 246, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 246, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 246, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 246, 63);  
box-shadow:4px 4px 4px 4px rgb(229, 246,  
63) }
```

Background

The CSS property to change the background color of an element to YUV 220.0550, -77.4281, 7.8448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 246, 63) }
```

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

```
.background{ background-color: rgb(229,  
246, 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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