

Converting Colors

YUV(228.9410, -77.8649,
7.9447)

Have a look what the booklet for
YUV(228.9410, -77.8649, 7.9447)
contains.

YUV(228.9410, -77.8649, 7.9447)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(228.9410, -77.8649,
7.9447)**

Conversions

Conversions Part 1

Format	Color
Hex	EEFF47
RGB	238, 255, 71
RGB Percent	93%, 100%, 28%
CMY	0.0667, 0.0000, 0.7216
CMYK	0.07, 0.00, 0.72, 0.00
HSL	66°, 100%, 64%
HSV	66°, 72%, 100%
XYZ	72.1572, 90.1521, 19.5592
YIQ	228.9410, 48.9320, -60.8280

Conversions

Conversions Part 2

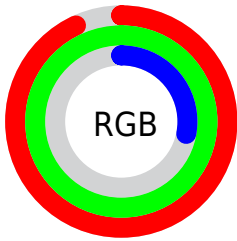
Format	Color
R_{YB}	71, 255, 88
Decimal	15662919
CIE _{Lab}	96.06, -26.89, 80.36
CIE _{LCh}	96, 84.739, 108.503
Yxy	90.1521, 0.3968, 0.4957
Android (android.graphics.Color)	4293852999 (0xFFEEFF47)
YUV	228.9410, -77.8649, 7.9447
Hunter-Lab	94.9484, -30.5065, 54.2503

Details

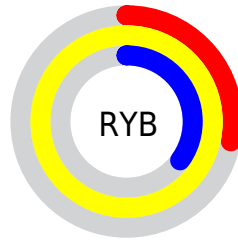
The YUV color **228.9410, -77.8649, 7.9447** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **97.0590, 77.8649, -7.9447**, and the grayscale version is **230.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.8640, -54.1630, 12.3973**, and **169.4480, -83.5379, 7.5001** is the 20% darker color. If you saturate the color by 10%, you get **225.4930, -88.4900, 9.2146**, and if you desaturate by 10%, it is **232.5030, -66.8030, 6.5749**.

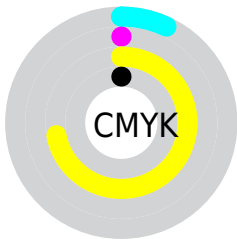
Distribution



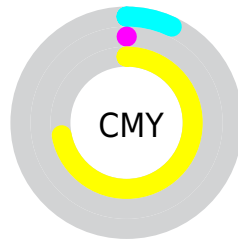
- Red (93%)
- Green (100%)
- Blue (28%)



- Red (28%)
- Yellow (100%)
- Blue (35%)



- Cyan (7%)
- Magenta (0%)
- Yellow (72%)
- Black (0%)



- Cyan (7%)
- Magenta (0%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 228.9410, -77.8649, 7.9447 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 228.9410, -77.8649, 7.9447 by changing the saturation by 10% instead.

228.9410,
-77.8649, 7.9447

228.9410,
-77.8649, 7.9447

255.0000, 0.0000,
0.0000

198.8440,
-80.7751, 8.0298

240.8640,
-54.1630, 12.3973

169.4480,
-83.5379, 7.5001

244.1700,
-41.4958, 9.4979

144.9280,
-71.4495, 3.5711

247.4760,
-28.8287, 6.5985

120.9950,
-59.6505, -0.8726

250.8960,
-15.7247, 3.5992

97.3610, -47.9990,
-4.7016

254.3160, -2.6208,
0.5999

74.3140, -36.6368,
-9.0454

52.4410, -25.8534,

-14.4188

■ 29.6710, -14.6278,
-21.6365

■ 17.0230, -8.3923,
-14.9292

■ 228.9410,
-77.8649, 7.9447

■ 228.9410,
-77.8649, 7.9447

■ 225.4930,
-88.4900, 9.2146

■ 232.5030,
-66.8030, 6.5749

■ 221.6320,
-99.4046, 9.9697

■ 236.2500,
-56.3252, 5.9197

■ 218.7540,
-107.8457, 10.7397

■ 239.6980,
-45.7001, 4.6499

■ 243.2600,
-34.6382, 3.2800

■ 247.1210,
-23.7237, 2.5249

■ 250.5690,
-13.0985, 1.2550

■ 254.1310, -2.0366,
-0.1149

■ 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.



218.0610, -72.9941, 32.3955



228.9410, -77.8649, 7.9447



205.9520, -37.9373, -58.7169

Triad

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



228.9410, -77.8649, 7.9447



178.7550, 37.5888, -156.7681



205.6920, 24.3088, 43.2431

Complementary

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



228.9410, -77.8649, 7.9447



97.0590, 77.8649, -7.9447

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.



222.7150, 15.9165, 28.3139



228.9410, -77.8649, 7.9447



178.7550, 37.5888, -156.7681

Square

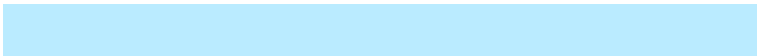
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



228.9410, -77.8649, 7.9447



178.7550, 37.5888, -156.7681



222.6290, 15.9589, -32.1236



198.3790, -1.1728, 49.6566

Rectangle

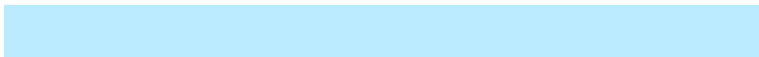
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



228.9410, -77.8649, 7.9447



170.2050, 4.8289, -149.2698



222.6290, 15.9589, -32.1236



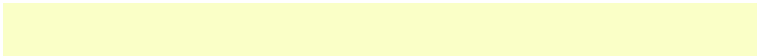
210.3880, 21.9937, 39.1247

Sweetspot

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



228.9410, -77.8649, 7.9447



247.1210, -23.7237, 2.5249



134.8210, -31.4638, 105.3970



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.



228.9410, -77.8649, 7.9447



223.7120, -94.0210, 9.8996



202.0310, -64.5983, -47.3852



125.9200, -5.3836, 0.0702



164.1430, -80.9225, 8.6446



54.9100, -27.0706, 2.7099

Inverse Universe

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



97.0590, 77.8649, -7.9447



64.5870, 93.8736, -9.2848



123.9690, 64.5983, 47.3852



116.7810, 5.5310, -0.6849



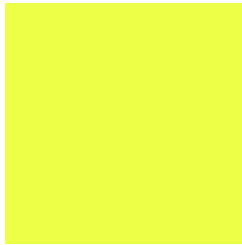
27.1560, 80.7751, -8.0298



9.0900, 27.0706, -2.7099

Previews

White Background



This preview shows how the YUV color 228.9410, -77.8649, 7.9447 looks on a white background.

Color Contrast Check

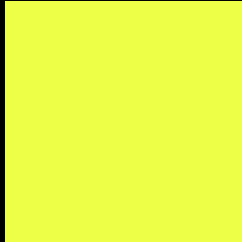
Large Text (above 18pt) WCAG AA × Fail

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 228.9410, -77.8649, 7.9447 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 228.9410, -77.8649, 7.9447

Background



This preview shows how black text looks on a background with the YUV color 228.9410, -77.8649, 7.9447.



This preview shows how white text looks on a background with the YUV color 228.9410, -77.8649, 7.9447.

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

228.9410, -77.8649, 7.9447

Protanopia

241.5720, -20.9880, 11.7764

Deuteranopia

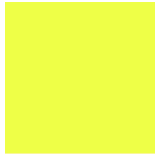
243.3620, -9.0525, 10.2065



Tritanopia

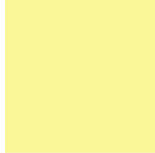
245.3090, 4.7777, 7.6220

Trichromacy



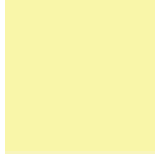
Original Color

228.9410, -77.8649, 7.9447



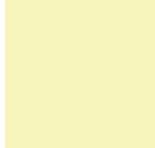
Protanomaly

236.7680, -41.7906, 10.7275



Deuteranomaly

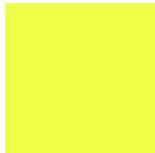
238.1190, -34.0757, 9.5426



Tritanomaly

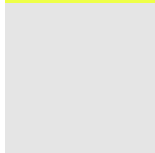
239.3990, -25.3397, 7.5431

Monochromacy



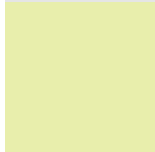
Original Color

228.9410, -77.8649, 7.9447



Achromatopsia

229.0000, 0.0000, 0.0000



Achromatomaly

228.6820, -27.9442, 2.9099

CSS Examples

Text

The CSS property to change the color of the text to YUV 228.9410, -77.8649, 7.9447 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(238, 255, 71)` looks like.

```
.text, #text, p{  
    color:rgb(238, 255, 71)  
}
```

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(238, 255, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 255, 71) }
```

Border

The CSS property to change the border of an element to YUV 228.9410, -77.8649, 7.9447 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(238, 255, 71) }
```


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

```
.border{ border-color:rgb(238, 255, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 255, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 255, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 255, 71);  
box-shadow:4px 4px 4px 4px rgb(238, 255,  
71) }
```

Background

The CSS property to change the background color of an element to YUV 228.9410, -77.8649, 7.9447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 255, 71) }
```

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

```
.background{ background-color: rgb(238,  
255, 71) }
```

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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