

Converting Colors

YUV(216.4510, -74.6653,
8.3745)

Have a look what the booklet for
YUV(216.4510, -74.6653, 8.3745)
contains.

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Color

**YUV(216.4510, -74.6653,
8.3745)**

Conversions

Conversions Part 1

Format	Color
Hex	E2F141
RGB	226, 241, 65
RGB Percent	89%, 95%, 25%
CMY	0.1137, 0.0549, 0.7451
CMYK	0.06, 0.00, 0.73, 0.05
HSL	65°, 86%, 60%
HSV	65°, 73%, 95%
XYZ	63.7735, 79.4610, 16.9773
YIQ	216.4510, 47.5560, -57.9160

Conversions

Conversions Part 2

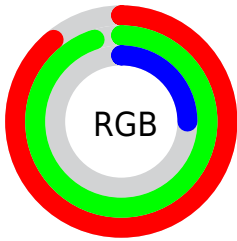
Format	Color
RYB	65, 241, 80
Decimal	14872897
CIELab	91.44, -25.39, 77.60
CIELCh	91, 81.646, 108.116
Yxy	79.4610, 0.3981, 0.4960
Android (android.graphics.Color)	4293062977 (0xFFE2F141)
YUV	216.4510, -74.6653, 8.3745
Hunter-Lab	89.1409, -28.2935, 51.1066

Details

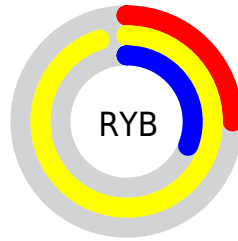
The YUV color **216.4510, -74.6653, 8.3745** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light washed yellow. A complement of this color would be **89.5490, 74.6653, -8.3745**, and the grayscale version is **217.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.1800, -56.7837, 12.9971**, and **158.5280, -78.1543, 7.4299** is the 20% darker color. If you saturate the color by 10%, you get **213.1170, -84.8537, 9.5444**, and if you desaturate by 10%, it is **219.7850, -64.4770, 7.2046**.

Distribution



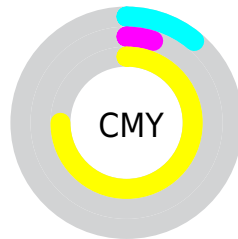
- Red (89%)
- Green (95%)
- Blue (25%)



- Red (25%)
- Yellow (95%)
- Blue (31%)



- Cyan (6%)
- Magenta (0%)
- Yellow (73%)
- Black (5%)



- Cyan (11%)
- Magenta (5%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 216.4510, -74.6653, 8.3745 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 216.4510, -74.6653, 8.3745 by changing the saturation by 10% instead.

■ 216.4510,
-74.6653, 8.3745

■ 216.4510,
-74.6653, 8.3745

■ 255.0000, 0.0000,
0.0000

■ 186.8270,
-78.3017, 8.0447

■ 240.1800,
-56.7837, 12.9971

■ 158.5280,
-78.1543, 7.4299

■ 243.3720,
-44.5534, 10.1978

■ 134.0080,
-66.0659, 3.5010

■ 246.6780,
-31.8863, 7.2984

■ 110.0750,
-54.2670, -0.9428

■ 250.0980,
-18.7823, 4.2991

■ 87.3270, -43.0522,
-4.6718

■ 253.4040, -6.1152,
1.3997

■ 64.8670, -31.9794,
-9.5304

■ 42.9940, -21.1960,

-14.9037

■ 22.3060, -10.9969,
-19.5624

■ 5.8700, -2.8939,
-5.1480

■ 216.4510,
-74.6653, 8.3745

■ 216.4510,
-74.6653, 8.3745

■ 213.1170,
-84.8537, 9.5444

■ 219.7850,
-64.4770, 7.2046

■ 209.7830,
-95.0420, 10.7143

■ 223.1190,
-54.2887, 6.0346

■ 207.2470,
-102.1728, 11.1844

■ 226.4530,
-44.1003, 4.8647

■ 229.7870,
-33.9120, 3.6948

■ 233.2350,
-23.2869, 2.4249

■ 236.5690,
-13.0985, 1.2550

■ 239.9030, -2.9102,
0.0851

■ 242.8950, 5.9678,
-0.7849

■ 243.4930, 5.6730,
0.4446

Harmonies

Analogous

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



209.8600, -71.4160, 39.5878



216.4510, -74.6653, 8.3745



202.8330, -40.8367, -62.1205

Triad

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



216.4510, -74.6653, 8.3745



178.7550, 37.5888, -156.7681



199.8220, 27.2028, 48.3911

Complementary

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



216.4510, -74.6653, 8.3745



89.5490, 74.6653, -8.3745

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.



216.2580, 19.0998, 33.9767



216.4510, -74.6653, 8.3745



174.6460, 39.6145, -153.1645

Square

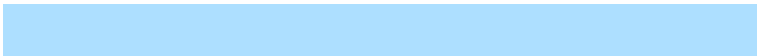
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



216.4510, -74.6653, 8.3745



178.7550, 37.5888, -156.7681



211.6980, 21.3479, -33.9381



190.7820, -2.3575, 56.3192

Rectangle

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



216.4510, -74.6653, 8.3745



168.9510, 0.0242, -148.1700



211.6980, 21.3479, -33.9381



204.5180, 24.8876, 44.2727

Sweetspot

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



216.4510, -74.6653, 8.3745



247.1210, -23.7237, 2.5249



126.4290, -30.2845, 100.4788



123.2270, -14.4089, 1.5549



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.



216.4510, -74.6653, 8.3745



223.7830, -95.0420, 10.7143



190.1390, -61.6935, -45.7259



118.3330, -5.0942, 0.5850



158.2400, -78.0123, 8.5595



48.1210, -23.7237, 2.5249

Inverse Universe

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



89.5490, 74.6653, -8.3745



62.2170, 95.0420, -10.7143



115.8610, 61.6935, 45.7259



109.6670, 5.0942, -0.5850



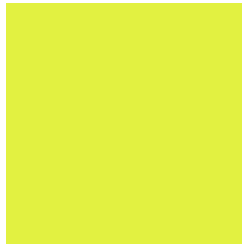
25.7600, 78.0123, -8.5595



7.8790, 23.7237, -2.5249

Previews

White Background



This preview shows how the YUV color 216.4510, -74.6653, 8.3745 looks on a white background.

Color Contrast Check

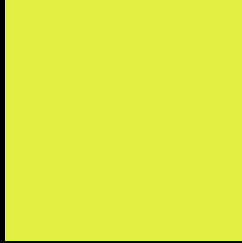
Large Text (above 18pt) WCAG AA × Fail

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 216.4510, -74.6653, 8.3745 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 216.4510, -74.6653, 8.3745

Background



This preview shows how black text looks on a background with the YUV color 216.4510, -74.6653, 8.3745.



This preview shows how white text looks on a background with the YUV color 216.4510, -74.6653, 8.3745.

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

216.4510, -74.6653, 8.3745

Protanopia

223.6980, -59.0111, 27.4519

Deuteranopia

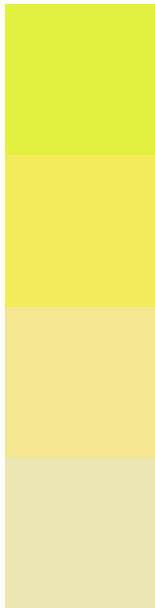
230.2250, -21.3099, 21.7277



Tritanopia

232.1350, 5.3564, 8.6516

Trichromacy



Original Color

216.4510, -74.6653, 8.3745

Protanomaly

221.1610, -64.6624, 20.0298

Deuteranomaly

224.8550, -40.3545, 16.7902

Tritanomaly

226.4530, -23.8873, 8.3727

Monochromacy



Original Color

216.4510, -74.6653, 8.3745

Achromatopsia

216.0000, 0.0000, 0.0000

Achromatomaly

216.2090, -27.2180, 3.3247

CSS Examples

Text

The CSS property to change the color of the text to YUV 216.4510, -74.6653, 8.3745 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(226, 241, 65)` looks like.

```
.text, #text, p{  
    color:rgb(226, 241, 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(226, 241, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 241, 65) }
```

Border

The CSS property to change the border of an element to YUV 216.4510, -74.6653, 8.3745 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(226, 241, 65) }
```


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

```
.border{ border-color:rgb(226, 241, 65) }
```

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

Here you see how a box with a 4 pixel rgb(226, 241, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 241, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 241, 65);  
box-shadow:4px 4px 4px 4px rgb(226, 241,  
65) }
```

Background

The CSS property to change the background color of an element to YUV 216.4510, -74.6653, 8.3745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 241, 65) }
```

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

```
.background{ background-color: rgb(226,  
241, 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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