

Converting Colors

YUV(227.4400, -54.4469,
10.1381)

Have a look what the booklet for
YUV(227.4400, -54.4469, 10.1381)
contains.

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Color

**YUV(227.4400, -54.4469,
10.1381)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | EFF375 |
| RGB | 239, 243, 117 |
| RGB Percent | 94%, 95%, 46% |
| CMY | 0.0627, 0.0471, 0.5412 |
| CMYK | 0.02, 0.00, 0.52, 0.05 |
| HSL | 62°, 84%, 71% |
| HSV | 62°, 52%, 95% |
| XYZ | 70.8581, 83.7363, 29.2577 |
| YIQ | 227.4400, 38.0620, -40.0340 |

Conversions

Conversions Part 2

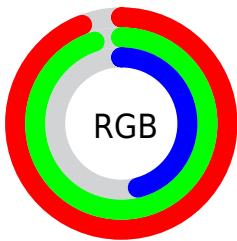
| Format | Color |
|-------------------------------------|--------------------------------------------------------------|
| RYB | 117, 243, 121 |
| Decimal | 15725429 |
| CIELab | 93.34, -17.90, 59.45 |
| CIELCh | 93, 62.088, 106.760 |
| Yxy | 83.7363, 0.3854, 0.4555 |
| Android (android.graphics.Color) | 4293915509 (0xFFEFF375) |
| YUV | 227.4400, -54.4469, 10.1381 |
| Hunter-Lab | 91.5075, -21.9182, 45.0985 |

Details

The YUV color $227.4400, -54.4469, 10.1381$ is a light color, and the websafe version is hex $FFFF66$. A complement of this color would be $132.5600, 54.4469, -10.1381$, and the grayscale version is $228.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $245.5380, -36.2542, 8.2982$, and $171.0700, -53.2785, 8.7086$ is the 20% darker color. If you saturate the color by 10%, you get $224.4050, -64.7827, 11.9228$, and if you desaturate by 10%, it is $230.4750, -44.1112, 8.3534$.

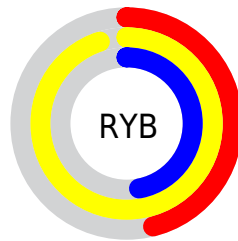
Distribution



Red (94%)

Green (95%)

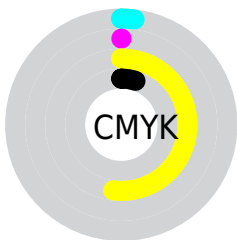
Blue (46%)



Red (46%)

Yellow (95%)

Blue (47%)

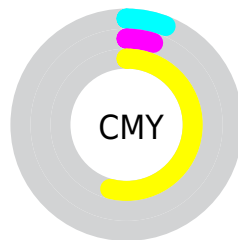


Cyan (2%)

Magenta (0%)

Yellow (52%)

Black (5%)



Cyan (6%)

Magenta (5%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 227.4400, -54.4469, 10.1381 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 227.4400, -54.4469, 10.1381 by changing the saturation by 10% instead.

227.4400,
-54.4469, 10.1381

227.4400,
-54.4469, 10.1381

255.0000, 0.0000,
0.0000

199.2550,
-53.8627, 9.4234

245.5380,
-36.2542, 8.2982

171.0700,
-53.2785, 8.7086

248.7300,
-24.0239, 5.4988

143.2440,
-53.8573, 7.6790

252.0360,
-11.3567, 2.5994

116.0330,
-57.2043, 7.8641

92.9860, -45.8421,
3.5203

71.1240, -35.0641,
-0.1087

49.8490, -24.5756,

-4.2526

■ 29.1610, -14.3764,
-8.9112

■ 11.7400, -5.7878,
-10.2960

■ 227.4400,
-54.4469, 10.1381

■ 227.4400,
-54.4469, 10.1381

■ 224.4050,
-64.7827, 11.9228

■ 230.4750,
-44.1112, 8.3534

■ 221.2560,
-75.5552, 13.8075

■ 233.6240,
-33.3386, 6.4688

■ 218.5200,
-86.0384, 16.2070

■ 236.3600,
-22.8555, 4.0693

■ 215.4850,
-96.3741, 17.9917

■ 239.3950,
-12.5197, 2.2846

■ 212.9060,
-104.9627, 19.3764

■ 242.4300, -2.1840,
0.4999

■ 244.6670, 5.0942,
-0.5850

■ 244.9660, 4.9468,
0.0298

■ 245.2650, 4.7994,
0.6446

Harmonies

Analogous

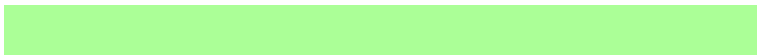
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



220.5980, -50.5808, 30.1706



227.4400, -54.4469, 10.1381



218.0280, -33.0448, -41.2436

Triad

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



227.4400, -54.4469, 10.1381



178.7550, 37.5888, -156.7681



216.2580, 19.0998, 33.9767

Complementary

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



227.4400, -54.4469, 10.1381



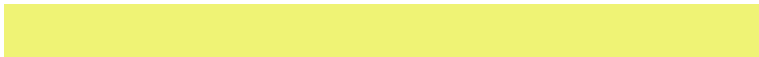
132.5600, 54.4469, -10.1381

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.



226.8240, 13.8908, 24.7104



227.4400, -54.4469, 10.1381



186.8830, 33.5817, -131.4474

Square

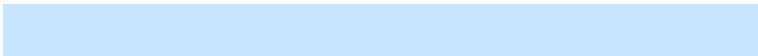
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



227.4400, -54.4469, 10.1381



178.7550, 37.5888, -156.7681



223.2820, 15.6370, -22.1723



209.2700, -2.5981, 40.1052

Rectangle

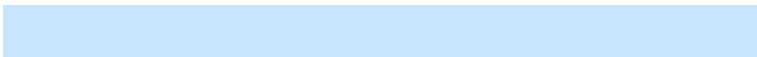
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



227.4400, -54.4469, 10.1381



204.7900, -8.7705, -80.4998



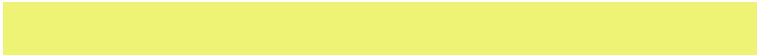
223.2820, 15.6370, -22.1723



219.1930, 17.6529, 31.4027

Sweetspot

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



227.4400, -54.4469, 10.1381



250.0270, -17.7613, 3.4843



155.8480, -19.1521, 76.4323



124.8510, -10.7725, 1.8847



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.



227.4400, -54.4469, 10.1381



235.4930, -68.2770, 12.7226



209.2010, -45.4551, -27.3633



120.6320, -5.2416, 1.1997



163.0020, -80.3600, 14.9072



51.6760, -25.4763, 4.6691

Inverse Universe

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



132.5600, 54.4469, -10.1381



116.5070, 68.2770, -12.7226



150.7990, 45.4551, 27.3633



111.6670, 5.0942, -0.5850



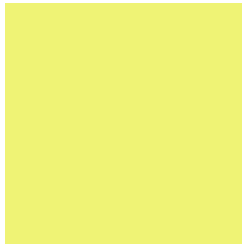
22.9980, 80.3600, -14.9072



7.3240, 25.4763, -4.6691

Previews

White Background



This preview shows how the YUV color 227.4400, -54.4469, 10.1381 looks on a white background.

Color Contrast Check

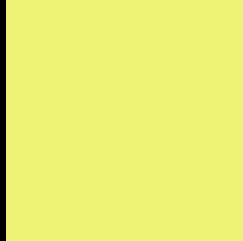
Large Text (above 18pt) WCAG AA × Fail

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 227.4400, -54.4469, 10.1381 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 227.4400, -54.4469, 10.1381 Background



This preview shows how black text looks on a background with the YUV color 227.4400, -54.4469, 10.1381.

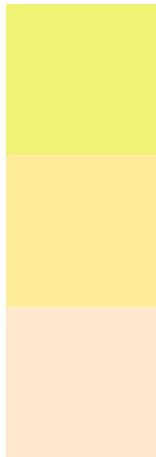


This preview shows how white text looks on a background with the YUV color 227.4400, -54.4469, 10.1381.

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

227.4400, -54.4469, 10.1381

Protanopia

232.4470, -38.1814, 19.7790

Deuteranopia

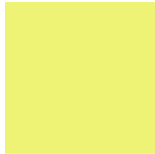
235.9130, -14.7471, 16.7393



Tritanopia

238.2280, 4.3246, 12.9550

Trichromacy



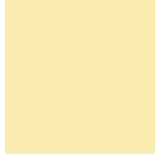
Original Color

227.4400, -54.4469, 10.1381



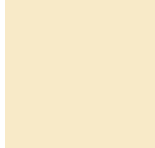
Protanomaly

230.8180, -44.2803, 15.9456



Deuteranomaly

232.8190, -28.9978, 14.1907



Tritanomaly

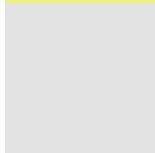
234.3100, -16.9148, 12.0061

Monochromacy



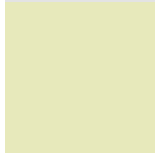
Original Color

227.4400, -54.4469, 10.1381



Achromatopsia

227.0000, 0.0000, 0.0000



Achromatomaly

227.1580, -19.7979, 3.3694

CSS Examples

Text

The CSS property to change the color of the text to YUV 227.4400, -54.4469, 10.1381 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(239, 243, 117)` looks like.

```
.text, #text, p{  
    color:rgb(239, 243, 117)  
}
```

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(239, 243, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 243, 117) }
```

Border

The CSS property to change the border of an element to YUV 227.4400, -54.4469, 10.1381 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(239, 243, 117) }
```


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

```
.border{ border-color:rgb(239, 243, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 243, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 243, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 243, 117);  
box-shadow:4px 4px 4px 4px rgb(239, 243,  
117) }
```

Background

The CSS property to change the background color of an element to YUV 227.4400, -54.4469, 10.1381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 243, 117) }
```

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

```
.background{ background-color: rgb(239,  
243, 117) }
```

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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