

# Converting Colors

YUV(226.0150, -53.2514,  
-0.0132)

Have a look what the booklet for  
YUV(226.0150, -53.2514, -0.0132)  
contains.

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# Color

**YUV(226.0150, -53.2514,  
-0.0132)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E2F776
RGB	226, 247, 118
RGB Percent	89%, 97%, 46%
CMY	0.1137, 0.0314, 0.5373
CMYK	0.09, 0.00, 0.52, 0.03
HSL	70°, 89%, 72%
HSV	70°, 52%, 97%
XYZ	67.8948, 83.9983, 29.7744
YIQ	226.0150, 28.8930, -44.5710

# Conversions

## Conversions Part 2

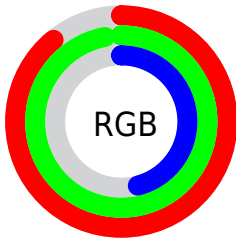
Format	Color
<a href="#">RYB</a>	<a href="#">118, 247, 139</a>
Decimal	<a href="#">14874486</a>
CIELab	<a href="#">93.45, -24.81, 58.89</a>
CIELCh	<a href="#">93, 63.903, 112.841</a>
Yxy	<a href="#">83.9983, 0.3737, 0.4624</a>
Android (android.graphics.Color)	<a href="#">4293064566</a> ( <a href="#">0xFFE2F776</a> )
YUV	<a href="#">226.0150, -53.2514, -0.0132</a>
Hunter-Lab	<a href="#">91.6506, -28.1556, 44.8939</a>

# Details

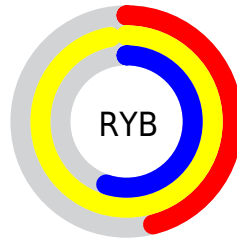
The YUV color  $226.0150, -53.2514, -0.0132$  is a light color, and the websafe version is hex  $FFFF66$ . A complement of this color would be  $138.9850, 53.2514, 0.0132$ , and the grayscale version is  $227.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $245.6520, -35.8174, 8.1982$ , and  $169.6450, -52.0830, -1.4427$  is the 20% darker color. If you saturate the color by 10%, you get  $221.9690, -63.5817, 0.0272$ , and if you desaturate by 10%, it is  $230.0610, -42.9211, -0.0535$ .

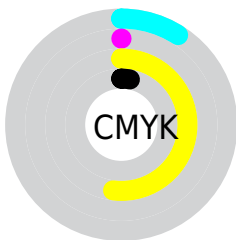
# Distribution



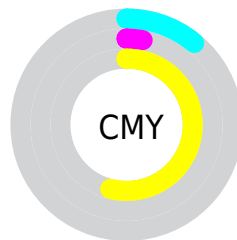
- Red (89%)
- Green (97%)
- Blue (46%)



- Red (46%)
- Yellow (97%)
- Blue (55%)



- Cyan (9%)
- Magenta (0%)
- Yellow (52%)
- Black (3%)



- Cyan (11%)
- Magenta (3%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 226.0150, -53.2514, -0.0132 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 226.0150, -53.2514, -0.0132 by changing the saturation by 10% instead.



226.0150,  
-53.2514, -0.0132

226.0150,  
-53.2514, -0.0132

255.0000, 0.0000,  
0.0000

197.8300,  
-52.6672, -0.7279

245.6520,  
-35.8174, 8.1982

169.6450,  
-52.0830, -1.4427

248.9580,  
-23.1503, 5.2988

142.1180,  
-52.8092, -1.8575

252.1500,  
-10.9200, 2.4994

114.2060,  
-56.3036, -1.0577

91.4580, -45.0888,  
-4.7867

69.0090, -34.0214,  
-7.9009

47.4350, -23.3855,

-12.6595

■ 25.8500, -12.7440,  
-19.1624

■ 11.7400, -5.7878,  
-10.2960

■ 226.0150,  
-53.2514, -0.0132

■ 226.0150,  
-53.2514, -0.0132

■ 221.9690,  
-63.5817, 0.0272

■ 230.0610,  
-42.9211, -0.0535

■ 218.0370,  
-73.4752, -0.0324

■ 233.9930,  
-33.0275, 0.0061

■ 213.9910,  
-83.8056, 0.0079

■ 238.0390,  
-22.6972, -0.0342

■ 209.9450,  
-94.1359, 0.0482

■ 242.0850,  
-12.3669, -0.0745

■ 206.8820,  
-101.9928, 0.1035

■ 246.1310, -2.0366,  
-0.1149

■ 248.8090, 3.0522,  
1.0445

■ 250.0050, 2.4625,  
3.5036

■ 250.3040, 2.3151,  
4.1184

# Harmonies

## Analogous

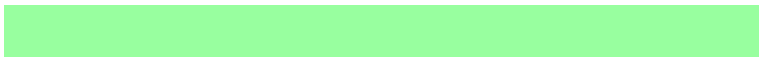
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



222.7350, -55.0854, 28.2964



226.0150, -53.2514, -0.0132



213.2590, -26.7497, -53.7241

# Triad

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



226.0150, -53.2514, -0.0132



178.7550, 37.5888, -156.7681



214.3830, 19.5312, 35.6211

# Complementary

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



226.0150, -53.2514, -0.0132



138.9850, 53.2514, 0.0132

# 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.



223.8890, 15.3377, 27.2843



226.0150, -53.2514, -0.0132



197.9790, 28.1114, -103.4676

# Square

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



226.0150, -53.2514, -0.0132



178.7550, 37.5888, -156.7681



226.6150, 13.9938, -8.4324



207.9020, -7.8397, 41.3049



# Rectangle

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



226.0150, -53.2514, -0.0132



196.4760, 0.7513, -101.2725



226.6150, 13.9938, -8.4324



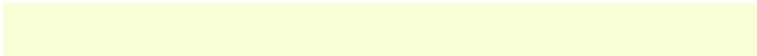
216.2580, 19.0998, 33.9767

# Sweetspot

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



226.0150, -53.2514, -0.0132



248.2330, -16.8769, -0.2043



167.7240, -24.5139, 69.5251



123.9540, -10.3303, 0.0403



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.



226.0150, -53.2514, -0.0132



228.8720, -66.4919, 0.1123



207.1780, -43.9648, -38.7441



120.0340, -4.9468, -0.0298



155.8260, -76.8222, 0.1526



49.2840, -24.2970, -0.2491



# Inverse Universe

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



138.9850, 53.2514, 0.0132



120.4270, 66.3445, 0.5025



157.8220, 43.9648, 38.7441



111.9660, 4.9468, 0.0298



30.1740, 76.8222, -0.1526

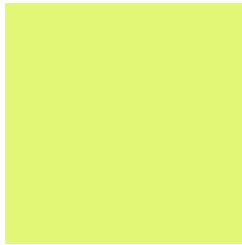


9.7160, 24.2970, 0.2491



# Previews

## White Background



This preview shows how the YUV color 226.0150, -53.2514, -0.0132 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 226.0150, -53.2514, -0.0132 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 226.0150, -53.2514, -0.0132

## Background



This preview shows how black text looks on a background with the YUV color 226.0150, -53.2514, -0.0132.



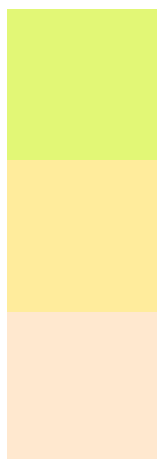
This preview shows how white text looks on a background with the YUV color 226.0150, -53.2514, -0.0132.

-0.0132.

# 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

226.0150, -53.2514, -0.0132

### Protanopia

232.5610, -37.7446, 19.6790

### Deuteranopia

236.0270, -14.3103, 16.6393



## Tritanopia

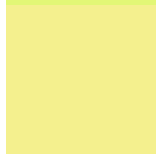
237.4440, 6.6831, 3.1186

# Trichromacy



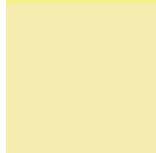
## Original Color

226.0150, -53.2514, -0.0132



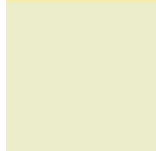
## Protanomaly

230.0240, -43.3958, 12.2570



## Deuteranomaly

232.0250, -28.1133, 10.5021



## Tritanomaly

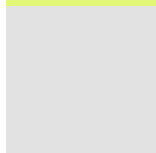
233.4120, -14.9931, 2.2697

# Monochromacy



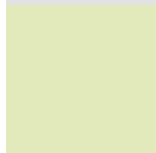
## Original Color

226.0150, -53.2514, -0.0132



## Achromatopsia

226.0000, 0.0000, 0.0000



## Achromatomaly

226.2500, -19.3503, -0.2193

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 226.0150, -53.2514, -0.0132 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, 247, 118)` looks like.

```
.text, #text, p{  
    color:rgb(226, 247, 118)  
}
```

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, 247, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 247, 118) }
```

## Border

The CSS property to change the border of an element to YUV 226.0150, -53.2514, -0.0132 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, 247, 118) }
```



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

```
.border{ border-color:rgb(226, 247, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 247, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 247, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 247, 118);  
box-shadow:4px 4px 4px 4px rgb(226, 247,  
118) }
```

# Background

The CSS property to change the background color of an element to YUV 226.0150, -53.2514, -0.0132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 247, 118) }
```

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

```
.background{ background-color: rgb(226,  
247, 118) }
```

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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