

Converting Colors

YUV(226.6240, -57.0026,
-10.1942)

Have a look what the booklet for
YUV(226.6240, -57.0026, -10.1942)
contains.

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Color

**YUV(226.6240, -57.0026,
-10.1942)**

Conversions

Conversions Part 1

Format	Color
Hex	D7FF6F
RGB	215, 255, 111
RGB Percent	84%, 100%, 44%
CMY	0.1569, 0.0000, 0.5647
CMYK	0.16, 0.00, 0.56, 0.00
HSL	77°, 100%, 72%
HSV	77°, 56%, 100%
XYZ	66.6536, 87.1148, 28.3407
YIQ	226.6240, 22.3840, -53.2640

Conversions

Conversions Part 2

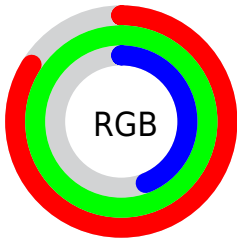
Format	Color
RYB	111, 255, 151
Decimal	14155631
CIELab	94.79, -33.31, 63.32
CIElCh	95, 71.543, 117.749
Yxy	87.1148, 0.3660, 0.4784
Android (android.graphics.Color)	4292345711 (0xFFD7FF6F)
YUV	226.6240, -57.0026, -10.1942
Hunter-Lab	93.3353, -35.8645, 47.3316

Details

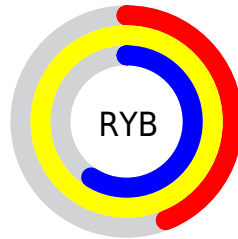
The YUV color $226.6240, -57.0026, -10.1942$ is a light color, and the websafe version is hex $CCFF66$. A complement of this color would be $139.3760, 57.0026, 10.1942$, and the grayscale version is $227.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $244.9680, -38.4382, 8.7981$, and $169.4390, -56.4184, -10.9090$ is the 20% darker color. If you saturate the color by 10%, you get $221.6810, -66.8907, -11.9982$, and if you desaturate by 10%, it is $231.6810, -46.6777, -8.4902$.

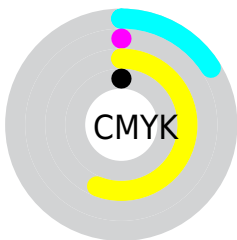
Distribution



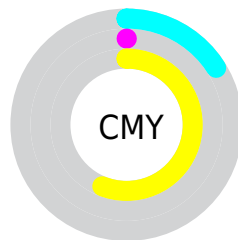
- Red (84%)
- Green (100%)
- Blue (44%)



- Red (44%)
- Yellow (100%)
- Blue (59%)



- Cyan (16%)
- Magenta (0%)
- Yellow (56%)
- Black (0%)



- Cyan (16%)
- Magenta (0%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 226.6240, -57.0026, -10.1942 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 226.6240, -57.0026, -10.1942 by changing the saturation by 10% instead.

226.6240,
-57.0026, -10.1942

226.6240,
-57.0026, -10.1942

255.0000, 0.0000,
0.0000

197.7380,
-56.5658, -10.2942

244.9680,
-38.4382, 8.7981

169.4390,
-56.4184, -10.9090

248.1600,
-26.2079, 5.9987

141.3420,
-59.3286, -10.8239

251.4660,
-13.5407, 3.0993

115.0260,
-56.7078, -11.4238

254.7720, -0.8736,
0.2000

91.3920, -45.0563,
-15.2528

68.6440, -33.8415,
-18.9818

44.6890, -22.0317,

-26.9143

■ 27.5890, -13.6014,
-24.1956

■ 14.6750, -7.2348,
-12.8700

■ 226.6240,
-57.0026, -10.1942

■ 226.6240,
-57.0026, -10.1942

■ 221.6810,
-66.8907, -11.9982

■ 231.6810,
-46.6777, -8.4902

■ 216.6240,
-77.2156, -13.7022

■ 236.6240,
-36.7896, -6.6862

■ 211.5670,
-87.5405, -15.4063

■ 241.6810,
-26.4647, -4.9822

■ 206.6240,
-97.4286, -17.2102

■ 246.6240,
-16.5766, -3.1782

■ 204.7010,
-100.9176, -18.1548

■ 251.6810, -6.2517,
-1.4742

255.0000, 0.0000,
0.0000

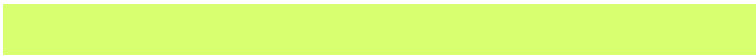
Harmonies

Analogous

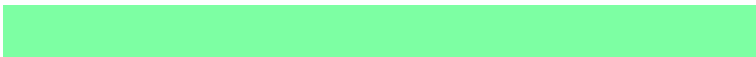
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



225.0200, -64.0999, 26.2925



226.6240, -57.0026, -10.1942



205.6420, -21.0225, -70.7230

Triad

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



226.6240, -57.0026, -10.1942



178.7550, 37.5888, -156.7681



210.1770, 18.6467, 39.3098

Complementary

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



226.6240, -57.0026, -10.1942



139.3760, 57.0026, 10.1942

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.



220.3670, 17.0741, 30.3731



226.6240, -57.0026, -10.1942



197.6580, 28.2696, -107.5711

Square

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



226.6240, -57.0026, -10.1942



178.7550, 37.5888, -156.7681



230.8230, 11.9193, 3.6632



205.8330, -13.2287, 43.1195

Rectangle

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



226.6240, -57.0026, -10.1942



173.3970, 17.0593, -152.0692



230.8230, 11.9193, 3.6632



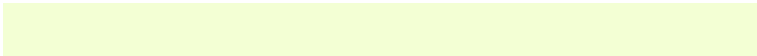
212.7360, 20.8362, 37.0655

Sweetspot

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



226.6240, -57.0026, -10.1942



246.5100, -17.0134, -3.0783



176.3620, -32.2235, 68.9655



122.6440, -10.1775, -2.3188



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.



226.6240, -57.0026, -10.1942



220.9260, -68.4905, -12.2131



205.6940, -46.6841, -53.2286



125.3220, -5.0887, -1.1594



153.3790, -75.6158, -13.4874



51.3220, -25.3017, -4.6674

Inverse Universe

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



139.3760, 57.0026, 10.1942



116.0740, 68.4905, 12.2131



160.3060, 46.6841, 53.2286



117.3790, 5.2362, 0.5446



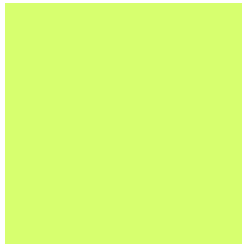
37.6210, 75.6158, 13.4874



12.6780, 25.3017, 4.6674

Previews

White Background



This preview shows how the YUV color 226.6240, -57.0026, -10.1942 looks on a white background.

Color Contrast Check

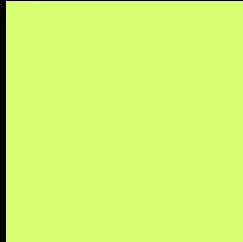
Large Text (above 18pt) WCAG AA × Fail

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 226.6240, -57.0026, -10.1942 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 226.6240, -57.0026, -10.1942 Background



This preview shows how black text looks on a background with the YUV color 226.6240, -57.0026, -10.1942.



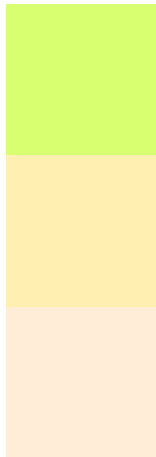
This preview shows how white text looks on a background with the YUV color 226.6240, -57.0026, -10.1942.

-10.1942.

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

226.6240, -57.0026, -10.1942

Protanopia

237.4170, -29.2926, 15.4203

Deuteranopia

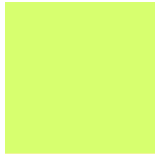
239.9880, -11.8261, 13.1655



Tritanopia

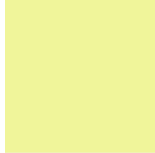
239.9160, 7.4364, -5.1883

Trichromacy



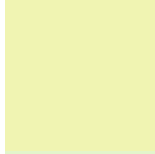
Original Color

226.6240, -57.0026, -10.1942



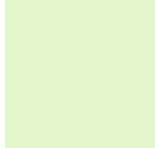
Protanomaly

233.1310, -39.0116, 6.0241



Deuteranomaly

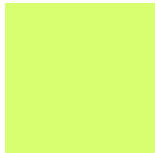
235.2800, -28.2390, 4.1394



Tritanomaly

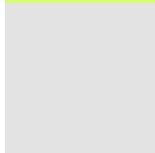
234.8300, -15.6922, -6.8669

Monochromacy



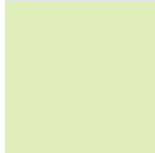
Original Color

226.6240, -57.0026, -10.1942



Achromatopsia

227.0000, 0.0000, 0.0000



Achromatomaly

226.8860, -20.6498, -3.4080

CSS Examples

Text

The CSS property to change the color of the text to YUV 226.6240, -57.0026, -10.1942 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(215, 255, 111)` looks like.

```
.text, #text, p{  
    color:rgb(215, 255, 111)  
}
```

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(215, 255, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 255, 111) }
```

Border

The CSS property to change the border of an element to YUV 226.6240, -57.0026, -10.1942 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(215, 255, 111) }
```


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

```
.border{ border-color:rgb(215, 255, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 255, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 255, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 255, 111);  
box-shadow:4px 4px 4px 4px rgb(215, 255,  
111) }
```

Background

The CSS property to change the background color of an element to YUV 226.6240, -57.0026, -10.1942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 255, 111) }
```

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

```
.background{ background-color: rgb(215,  
255, 111) }
```

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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