

Converting Colors

YUV(226.2740, -59.2951,
25.1927)

Have a look what the booklet for
YUV(226.2740, -59.2951, 25.1927)
contains.

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Color

**YUV(226.2740, -59.2951,
25.1927)**

Conversions

Conversions Part 1

Format	Color
Hex	FFEB6A
RGB	255, 235, 106
RGB Percent	100%, 92%, 42%
CMY	0.0000, 0.0784, 0.5843
CMYK	0.00, 0.08, 0.58, 0.00
HSL	52°, 100%, 71%
HSV	52°, 58%, 100%
XYZ	73.5498, 81.7173, 25.5322
YIQ	226.2740, 53.3290, -35.8790

Conversions

Conversions Part 2

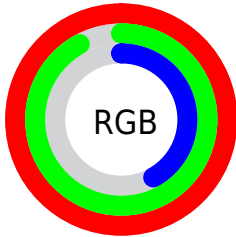
Format	Color
RYB	129, 255, 106
Decimal	16771946
CIELab	92.45, -8.42, 63.65
CIELCh	92, 64.205, 97.532
Yxy	81.7173, 0.4068, 0.4520
Android (android.graphics.Color)	4294962026 (0xFFFFE6A)
YUV	226.2740, -59.2951, 25.1927
Hunter-Lab	90.3976, -12.9636, 46.5323

Details

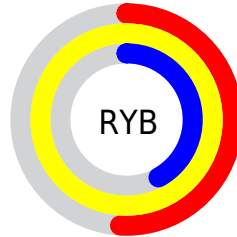
The YUV color $226.2740, -59.2951, 25.1927$ is a light color, and the websafe version is hex $FFFF66$. A complement of this color would be $134.7260, 59.2951, -25.1927$, and the grayscale version is $227.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $244.2840, -41.0590, 9.3979$, and $169.6650, -58.9948, 22.2188$ is the 20% darker color. If you saturate the color by 10%, you get $221.6630, -69.3469, 29.2365$, and if you desaturate by 10%, it is $230.9990, -48.8065, 21.0489$.

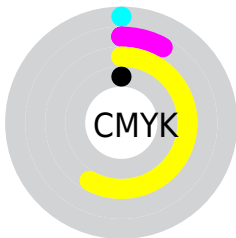
Distribution



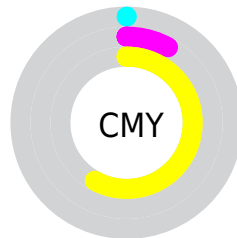
- Red (100%)
- Green (92%)
- Blue (42%)



- Red (51%)
- Yellow (100%)
- Blue (42%)



- Cyan (0%)
- Magenta (8%)
- Yellow (58%)
- Black (0%)



- Cyan (0%)
- Magenta (8%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 226.2740, -59.2951, 25.1927 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 226.2740, -59.2951, 25.1927 by changing the saturation by 10% instead.

226.2740,
-59.2951, 25.1927

226.2740,
-59.2951, 25.1927

255.0000, 0.0000,
0.0000

197.7900,
-58.5635, 23.8632

244.2840,
-41.0590, 9.3979

169.6650,
-58.9948, 22.2188

247.4760,
-28.8287, 6.5985

141.1550,
-62.1944, 21.7891

250.7820,
-16.1615, 3.6992

115.8110,
-57.0948, 19.4598

254.0880, -3.4944,
0.7998

92.7640, -45.7327,
15.1160

71.1900, -35.0967,
10.3574

49.6160, -24.4607,

5.5988

■ 29.8140, -14.6983,
1.0401

■ 8.2180, -4.0515,
-7.2072

■ 226.2740,
-59.2951, 25.1927

■ 226.2740,
-59.2951, 25.1927

■ 221.6630,
-69.3469, 29.2365

■ 230.9990,
-48.8065, 21.0489

■ 216.3510,
-79.5460, 33.8952

■ 236.1970,
-39.0441, 16.4902

■ 211.7400,
-89.5978, 37.9390

■ 240.9220,
-28.5555, 12.3464

■ 206.4280,
-99.7970, 42.5976

■ 246.1200,
-18.7932, 7.7878

■ 205.9720,
-101.5442, 42.9976

■ 250.8450, -8.3046,
3.6439

255.0000, 0.0000,
0.0000

Harmonies

Analogous

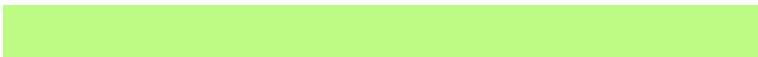
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



214.8420, -47.2501, 35.2186



226.2740, -59.2951, 25.1927



218.8960, -42.8397, -26.2188

Triad

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



226.2740, -59.2951, 25.1927



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.



226.2740, -59.2951, 25.1927



134.7260, 59.2951, -25.1927

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.



229.1720, 12.7332, 22.6512



226.2740, -59.2951, 25.1927



176.9940, 38.4570, -155.2237

Square

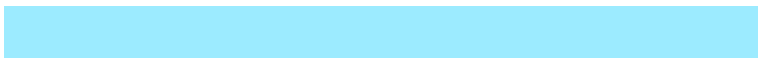
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



226.2740, -59.2951, 25.1927



177.9570, 34.5312, -156.0683



213.6590, 20.3811, -50.5669



207.5720, 6.1270, 41.5944

Rectangle

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



226.2740, -59.2951, 25.1927



208.7460, -22.0598, -64.6752



213.6590, 20.3811, -50.5669



219.7800, 17.3635, 30.8879

Sweetspot

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



226.2740, -59.2951, 25.1927



246.2340, -18.3564, 7.6878



153.0590, -12.3541, 89.4023



122.3460, -11.5096, 4.9586



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.



226.2740, -59.2951, 25.1927



220.6200, -70.8047, 30.1513



222.4660, -57.4177, -17.0717



125.3440, -5.0996, 2.3293



154.5510, -76.1936, 31.9658



51.4210, -25.3506, 11.0318

Inverse Universe

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



134.7260, 59.2951, -25.1927



110.7930, 71.0941, -29.6365



138.5340, 57.4177, 17.0717



117.0690, 5.3890, -1.8145



37.0360, 75.9043, -32.4806



12.5790, 25.3506, -11.0318

Previews

White Background



This preview shows how the YUV color 226.2740, -59.2951, 25.1927 looks on a white background.

Color Contrast Check

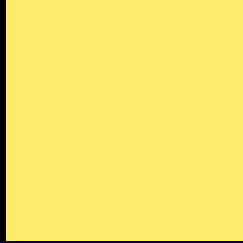
Large Text (above 18pt) WCAG AA × Fail

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 226.2740, -59.2951, 25.1927 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 226.2740, -59.2951, 25.1927

Background



This preview shows how black text looks on a background with the YUV color 226.2740, -59.2951, 25.1927.



This preview shows how white text looks on a background with the YUV color 226.2740, -59.2951, 25.1927.

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

226.2740, -59.2951, 25.1927

Protanopia

229.2210, -45.4650, 22.6082

Deuteranopia

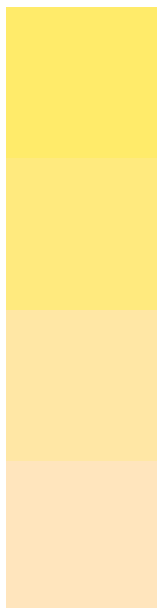
233.3540, -16.9365, 18.9835



Tritanopia

235.8110, 0.0932, 16.8288

Trichromacy



Original Color

226.2740, -59.2951, 25.1927

Protanomaly

227.9670, -50.2697, 23.7079

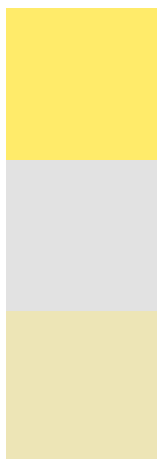
Deuteranomaly

230.6520, -32.3664, 21.3532

Tritanomaly

232.2140, -21.3045, 19.9833

Monochromacy



Original Color

226.2740, -59.2951, 25.1927

Achromatopsia

226.0000, 0.0000, 0.0000

Achromatomaly

226.0340, -21.7088, 9.6172

CSS Examples

Text

The CSS property to change the color of the text to YUV 226.2740, -59.2951, 25.1927 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(255, 235, 106)` looks like.

```
.text, #text, p{  
    color:rgb(255, 235, 106)  
}
```

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(255, 235, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 235, 106) }
```

Border

The CSS property to change the border of an element to YUV 226.2740, -59.2951, 25.1927 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(255, 235, 106) }
```


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

```
.border{ border-color:rgb(255, 235, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 235, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 235, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 235, 106);  
box-shadow:4px 4px 4px 4px rgb(255, 235,  
106) }
```

Background

The CSS property to change the background color of an element to YUV 226.2740, -59.2951, 25.1927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 235, 106) }
```

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

```
.background{ background-color: rgb(255,  
235, 106) }
```

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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