

Converting Colors

YUV(226.1430, -57.2585,
25.3076)

Have a look what the booklet for
YUV(226.1430, -57.2585, 25.3076)
contains.

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Color

**YUV(226.1430, -57.2585,
25.3076)**

Conversions

Conversions Part 1

Format	Color
Hex	FFEA6E
RGB	255, 234, 110
RGB Percent	100%, 92%, 43%
CMY	0.0000, 0.0824, 0.5686
CMYK	0.00, 0.08, 0.57, 0.00
HSL	51°, 100%, 72%
HSV	51°, 57%, 100%
XYZ	73.4773, 81.2314, 26.5584
YIQ	226.1430, 52.3200, -34.1120

Conversions

Conversions Part 2

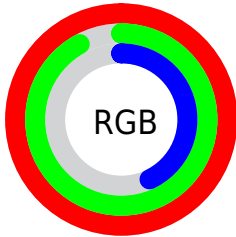
Format	Color
RYB	135, 255, 110
Decimal	16771694
CIELab	92.23, -7.64, 61.65
CIELCh	92, 62.121, 97.063
Yxy	81.2314, 0.4054, 0.4481
Android (android.graphics.Color)	4294961774 (0xFFFEA6E)
YUV	226.1430, -57.2585, 25.3076
Hunter-Lab	90.1285, -12.2026, 45.6188

Details

The YUV color $226.1430, -57.2585, 25.3076$ is a light color, and the websafe version is hex $FFFF66$. A complement of this color would be $138.8570, 57.2585, -25.3076$, and the grayscale version is $227.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $244.7400, -39.3118, 8.9980$, and $169.6480, -56.5215, 22.2337$ is the 20% darker color. If you saturate the color by 10%, you get $220.9450, -67.0209, 29.8662$, and if you desaturate by 10%, it is $231.4550, -47.0593, 20.6490$.

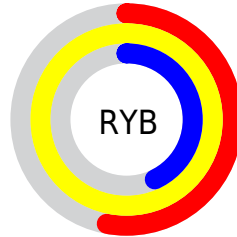
Distribution



Red (100%)

Green (92%)

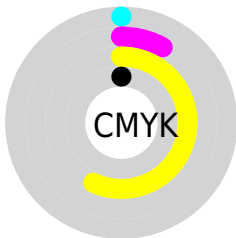
Blue (43%)



Red (53%)

Yellow (100%)

Blue (43%)

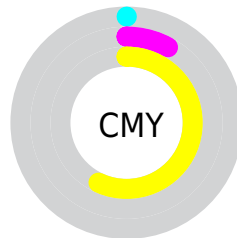


Cyan (0%)

Magenta (8%)

Yellow (57%)

Black (0%)



Cyan (0%)

Magenta (8%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 226.1430, -57.2585, 25.3076 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 226.1430, -57.2585, 25.3076 by changing the saturation by 10% instead.

226.1430,
-57.2585, 25.3076

226.1430,
-57.2585, 25.3076

255.0000, 0.0000,
0.0000

197.6590,
-56.5269, 23.9781

244.7400,
-39.3118, 8.9980

169.6480,
-56.5215, 22.2337

247.9320,
-27.0815, 6.1986

141.8930,
-58.1212, 22.0188

251.2380,
-14.4143, 3.2993

115.2240,
-56.8054, 19.9746

254.5440, -1.7472,
0.3999

92.1770, -45.4433,
15.6308

70.6030, -34.8073,
10.8722

49.3280, -24.3187,

6.7283

■ 29.5260, -14.5563,
2.1697

■ 7.6310, -3.7621,
-6.6924

■ 226.1430,
-57.2585, 25.3076

■ 226.1430,
-57.2585, 25.3076

■ 220.9450,
-67.0209, 29.8662

■ 231.4550,
-47.0593, 20.6490

■ 216.2200,
-77.5095, 34.0101

■ 236.0660,
-37.0075, 16.6051

■ 210.9080,
-87.7086, 38.6687

■ 241.3780,
-26.8084, 11.9465

■ 205.7100,
-97.4710, 43.2273

■ 246.5760,
-17.0460, 7.3878

■ 204.2110,
-100.6760, 44.5420

■ 251.3010, -6.5574,
3.2440

255.0000, 0.0000,
0.0000

Harmonies

Analogous

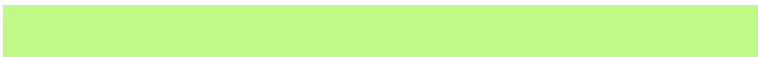
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



215.1840, -45.9397, 34.9186



226.1430, -57.2585, 25.3076



219.1350, -41.9716, -24.6744

Triad

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



226.1430, -57.2585, 25.3076



178.7550, 37.5888, -156.7681



217.4320, 18.5210, 32.9471

Complementary

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



226.1430, -57.2585, 25.3076



138.8570, 57.2585, -25.3076

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.



229.7590, 12.4438, 22.1364



226.1430, -57.2585, 25.3076



176.4070, 38.7463, -154.7089

Square

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



226.1430, -57.2585, 25.3076



177.6150, 33.2208, -155.7684



213.6700, 20.3757, -48.8226



208.2730, 6.2744, 40.9796

Rectangle

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



226.1430, -57.2585, 25.3076



210.3550, -22.3600, -61.7013



213.6700, 20.3757, -48.8226



220.9540, 16.7847, 29.8583

Sweetspot

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



226.1430, -57.2585, 25.3076



246.5760, -17.0460, 7.3878



155.8630, -11.7645, 86.9431



122.6880, -10.1992, 4.6586



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.



226.1430, -57.2585, 25.3076



220.6030, -68.3313, 30.1662



223.2210, -55.8180, -16.8568



125.3440, -5.0996, 2.3293



153.3770, -75.6149, 32.9954



51.4210, -25.3506, 11.0318

Inverse Universe

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



138.8570, 57.2585, -25.3076



116.3970, 68.3313, -30.1662



141.7790, 55.8180, 16.8568



117.6560, 5.0996, -2.3293



38.2100, 75.3255, -33.5102



12.5790, 25.3506, -11.0318

Previews

White Background



This preview shows how the YUV color 226.1430, -57.2585, 25.3076 looks on a white background.

Color Contrast Check

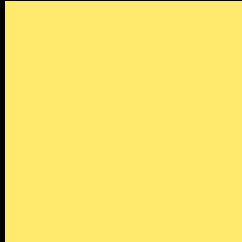
Large Text (above 18pt) WCAG AA × Fail

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 226.1430, -57.2585, 25.3076 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 226.1430, -57.2585, 25.3076

Background



This preview shows how black text looks on a background with the YUV color 226.1430, -57.2585, 25.3076.

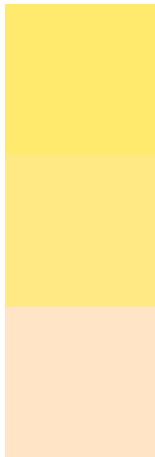


This preview shows how white text looks on a background with the YUV color 226.1430, -57.2585, 25.3076.

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

226.1430, -57.2585, 25.3076

Protanopia

228.0640, -47.3596, 23.6229

Deuteranopia

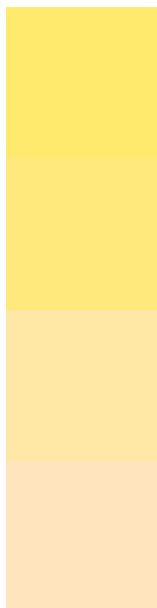
233.2400, -17.3733, 19.0835



Tritanopia

235.2240, 0.3826, 17.3436

Trichromacy



Original Color

226.1430, -57.2585, 25.3076

Protanomaly

227.1520, -50.8539, 24.4227

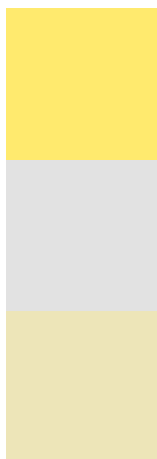
Deuteranomaly

230.7660, -31.9296, 21.2532

Tritanomaly

231.7410, -20.5783, 20.3981

Monochromacy



Original Color

226.1430, -57.2585, 25.3076

Achromatopsia

226.0000, 0.0000, 0.0000

Achromatomaly

226.2620, -20.8352, 9.4172

CSS Examples

Text

The CSS property to change the color of the text to YUV 226.1430, -57.2585, 25.3076 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, 234, 110)` looks like.

```
.text, #text, p{  
    color:rgb(255, 234, 110)  
}
```

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, 234, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 234, 110) }
```

Border

The CSS property to change the border of an element to YUV 226.1430, -57.2585, 25.3076 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, 234, 110) }
```


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

```
.border{ border-color:rgb(255, 234, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 234, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 234, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 234, 110);  
box-shadow:4px 4px 4px 4px rgb(255, 234,  
110) }
```

Background

The CSS property to change the background color of an element to YUV 226.1430, -57.2585, 25.3076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 234, 110) }
```

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

```
.background{ background-color: rgb(255,  
234, 110) }
```

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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