

Converting Colors

YUV(224.2000, -46.9336,
27.0116)

Have a look what the booklet for
YUV(224.2000, -46.9336, 27.0116)
contains.

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Color

**YUV(224.2000, -46.9336,
27.0116)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE381
RGB	255, 227, 129
RGB Percent	100%, 89%, 51%
CMY	0.0000, 0.1098, 0.4941
CMYK	0.00, 0.11, 0.49, 0.00
HSL	47°, 100%, 75%
HSV	47°, 49%, 100%
XYZ	72.6715, 77.7831, 31.9523
YIQ	224.2000, 48.1460, -24.5420

Conversions

Conversions Part 2

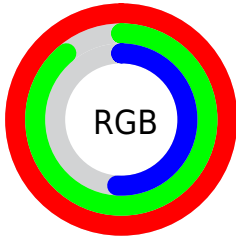
Format	Color
R_{YB}	165, 255, 129
Decimal	16769921
CIE _{Lab}	90.68, -2.63, 51.03
CIE _{LCh}	91, 51.094, 92.945
Yxy	77.7831, 0.3984, 0.4264
Android (android.graphics.Color)	4294960001 (0xFFFFE381)
YUV	224.2000, -46.9336, 27.0116
Hunter-Lab	88.1948, -7.2587, 40.2560

Details

The YUV color **224.2000, -46.9336, 27.0116** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **159.8000, 46.9336, -27.0116**, and the grayscale version is **225.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **246.9060, -31.0127, 7.0984**, and **168.3460, -45.0336, 24.2526** is the 20% darker color. If you saturate the color by 10%, you get **217.8280, -56.1172, 32.5998**, and if you desaturate by 10%, it is **230.6860, -37.3132, 21.3234**.

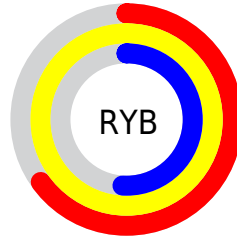
Distribution



Red (100%)

Green (89%)

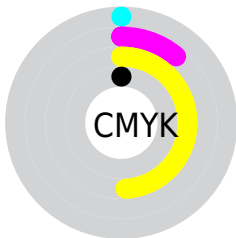
Blue (51%)



Red (65%)

Yellow (100%)

Blue (51%)

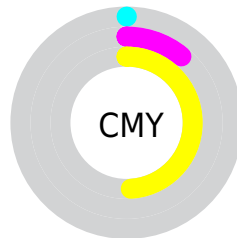


Cyan (0%)

Magenta (11%)

Yellow (49%)

Black (0%)



Cyan (0%)

Magenta (11%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 224.2000, -46.9336, 27.0116 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 224.2000, -46.9336, 27.0116 by changing the saturation by 10% instead.

224.2000,
-46.9336, 27.0116

224.2000,
-46.9336, 27.0116

255.0000, 0.0000,
0.0000

195.8300,
-45.7652, 25.5821

246.9060,
-31.0127, 7.0984

168.3460,
-45.0336, 24.2526

250.0980,
-18.7823, 4.2991

140.8620,
-44.3020, 22.9230

253.4040, -6.1152,
1.3997

114.6230,
-45.1701, 21.3786

89.2530, -44.0017,
19.9491

67.9780, -33.5132,
15.8053

46.9910, -23.1666,

10.5319

■ 27.1890, -13.4042,
5.9732

■ 2.3480, -1.1576,
-2.0592

■ 224.2000,
-46.9336, 27.0116

■ 224.2000,
-46.9336, 27.0116

■ 217.8280,
-56.1172, 32.5998

■ 230.6860,
-37.3132, 21.3234

■ 211.9290,
-66.0270, 37.7733

■ 236.4710,
-27.8402, 16.2499

■ 205.5570,
-75.2106, 43.3615

■ 242.9570,
-18.2198, 10.5617

■ 199.0710,
-84.8310, 49.0497

■ 249.3290, -9.0362,
4.9735

■ 193.2860,
-94.3040, 54.1232

255.0000, 0.0000,
0.0000

■ 192.4710,
-94.8882, 54.8379

Harmonies

Analogous

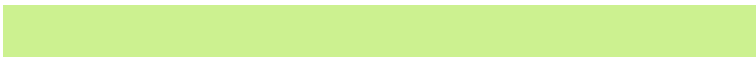
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



215.7030, -36.3356, 34.4635



224.2000, -46.9336, 27.0116



218.8790, -36.9153, -13.0489

Triad

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



224.2000, -46.9336, 27.0116



177.5810, 38.1676, -155.7385



220.9540, 16.7847, 29.8583

Complementary

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



224.2000, -46.9336, 27.0116



159.8000, 46.9336, -27.0116

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.



226.4480, 14.0761, 11.8851



224.2000, -46.9336, 27.0116



188.7320, 32.6701, -119.0370

Square

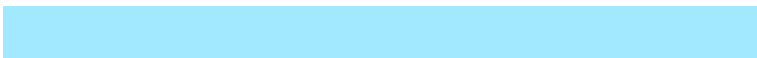
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



224.2000, -46.9336, 27.0116



193.7850, 18.8400, -116.4524



213.6920, 20.3648, -45.3339



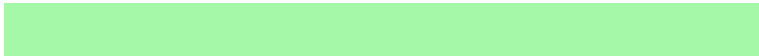
212.8380, 5.9959, 36.9761

Rectangle

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



224.2000, -46.9336, 27.0116



214.0630, -22.7091, -43.0283



213.6920, 20.3648, -45.3339



223.8890, 15.3377, 27.2843

Sweetspot

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



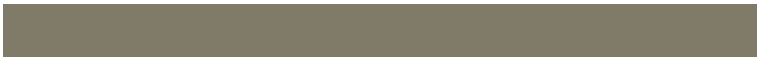
224.2000, -46.9336, 27.0116



245.9720, -14.2832, 7.9176



169.9800, -5.9061, 74.5625



121.8560, -8.3100, 5.3883



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.



224.2000, -46.9336, 27.0116



218.5290, -55.9698, 31.9851



230.4700, -50.0247, -8.3052



124.7570, -4.8102, 2.8441



144.5720, -71.2740, 40.7174



48.4860, -23.9036, 13.6058

Inverse Universe

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



159.8000, 46.9336, -27.0116



141.4710, 55.9698, -31.9851



153.5300, 50.0247, 8.3052



118.2430, 4.8102, -2.8441



47.0150, 70.9846, -41.2322



15.5140, 23.9036, -13.6058

Previews

White Background



This preview shows how the YUV color 224.2000, -46.9336, 27.0116 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 224.2000, -46.9336, 27.0116 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 224.2000, -46.9336, 27.0116 Background



This preview shows how black text looks on a background with the YUV color 224.2000, -46.9336, 27.0116.

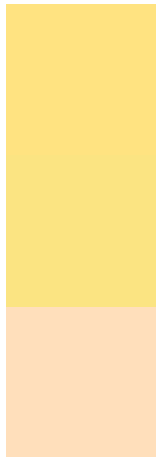


This preview shows how white text looks on a background with the YUV color 224.2000, -46.9336, 27.0116.

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

224.2000, -46.9336, 27.0116

Protanopia

223.7050, -46.1966, 23.9377

Deuteranopia

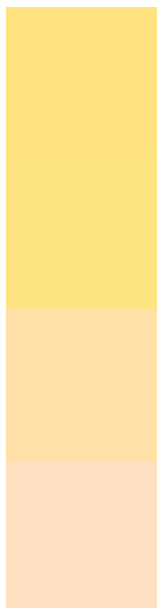
228.4640, -20.4418, 23.2721



Tritanopia

231.1320, -0.0651, 20.9322

Trichromacy



Original Color

224.2000, -46.9336, 27.0116

Protanomaly

224.0040, -46.3440, 24.5525

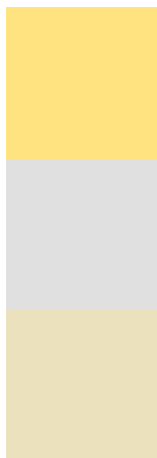
Deuteranomaly

226.6570, -29.9039, 24.8568

Tritanomaly

228.6750, -17.0948, 23.0870

Monochromacy



Original Color

224.2000, -46.9336, 27.0116

Achromatopsia

224.0000, 0.0000, 0.0000

Achromatomaly

223.8860, -17.1988, 9.7470

CSS Examples

Text

The CSS property to change the color of the text to YUV 224.2000, -46.9336, 27.0116 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, 227, 129)` looks like.

```
.text, #text, p{  
    color:rgb(255, 227, 129)  
}
```

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, 227, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 227, 129) }
```

Border

The CSS property to change the border of an element to YUV 224.2000, -46.9336, 27.0116 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, 227, 129) }
```


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

```
.border{ border-color:rgb(255, 227, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 227, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 227, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 227, 129);  
box-shadow:4px 4px 4px 4px rgb(255, 227,  
129) }
```

Background

The CSS property to change the background color of an element to YUV 224.2000, -46.9336, 27.0116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 227, 129) }
```

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

```
.background{ background-color: rgb(255,  
227, 129) }
```

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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