

Converting Colors

YUV(224.8020, -46.7374,
10.6976)

Have a look what the booklet for
YUV(224.8020, -46.7374, 10.6976)
contains.

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Color

**YUV(224.8020, -46.7374,
10.6976)**

Conversions

Conversions Part 1

Format	Color
Hex	EDED82
RGB	237, 237, 130
RGB Percent	93%, 93%, 51%
CMY	0.0706, 0.0706, 0.4902
CMYK	0.00, 0.00, 0.45, 0.07
HSL	60°, 75%, 72%
HSV	60°, 45%, 93%
XYZ	69.2385, 80.1846, 32.9470
YIQ	224.8020, 34.3470, -33.2770

Conversions

Conversions Part 2

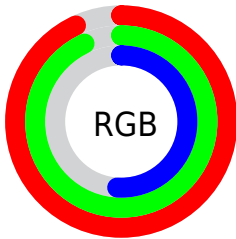
Format	Color
RYB	130, 237, 130
Decimal	15592834
CIELab	91.77, -14.63, 51.54
CIELCh	92, 53.570, 105.844
Yxy	80.1846, 0.3797, 0.4397
Android (android.graphics.Color)	4293782914 (0xFFEDED82)
YUV	224.8020, -46.7374, 10.6976
Hunter-Lab	89.5459, -18.6858, 40.8673

Details

The YUV color **224.8020, -46.7374, 10.6976** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **142.1980, 46.7374, -10.6976**, and the grayscale version is **225.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **247.0200, -30.5759, 6.9985**, and **168.5460, -45.1322, 9.1682** is the 20% darker color. If you saturate the color by 10%, you get **222.0660, -57.2205, 13.0971**, and if you desaturate by 10%, it is **227.5380, -36.2542, 8.2982**.

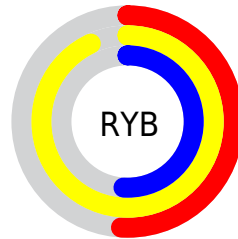
Distribution



Red (93%)

Green (93%)

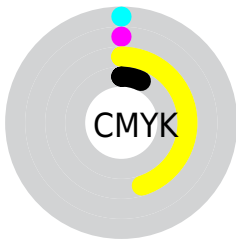
Blue (51%)



Red (51%)

Yellow (93%)

Blue (51%)

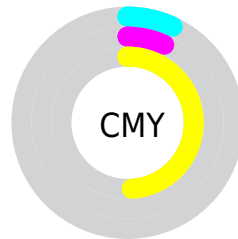


Cyan (0%)

Magenta (0%)

Yellow (45%)

Black (7%)



Cyan (7%)

Magenta (7%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 224.8020, -46.7374, 10.6976 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 224.8020, -46.7374, 10.6976 by changing the saturation by 10% instead.

224.8020,
-46.7374, 10.6976

224.8020,
-46.7374, 10.6976

255.0000, 0.0000,
0.0000

196.6170,
-46.1532, 9.9829

247.0200,
-30.5759, 6.9985

168.5460,
-45.1322, 9.1682

250.2120,
-18.3455, 4.1991

141.9480,
-44.8374, 7.9386

253.5180, -5.6784,
1.2997

115.4210,
-45.5636, 7.5238

90.0510, -44.3951,
6.0943

68.4880, -33.7646,
3.0800

47.2130, -23.2760,

-1.0638

■ 26.8240, -13.2242,
-5.1076

■ 7.0440, -3.4727,
-6.1776

■ 224.8020,
-46.7374, 10.6976

■ 224.8020,
-46.7374, 10.6976

■ 222.0660,
-57.2205, 13.0971

■ 227.5380,
-36.2542, 8.2982

■ 219.4440,
-67.2669, 15.3966

■ 230.1600,
-26.2079, 5.9987

■ 216.7080,
-77.7500, 17.7961

■ 232.8960,
-15.7247, 3.5992

■ 213.9720,
-88.2332, 20.1956

■ 235.6320, -5.2416,
1.1997

■ 211.3500,
-98.2796, 22.4951

■ 238.2540, 4.8048,
-1.0998

■ 209.9820,
-103.5211, 23.6948

■ 239.0520, 7.8624,
-1.7996

Harmonies

Analogous

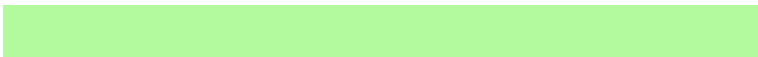
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



220.3190, -44.0343, 30.4152



224.8020, -46.7374, 10.6976



218.2830, -29.7195, -34.4512

Triad

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



224.8020, -46.7374, 10.6976



178.1680, 37.8782, -156.2533



218.6060, 17.9422, 31.9175

Complementary

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



224.8020, -46.7374, 10.6976



142.1980, 46.7374, -10.6976

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.



227.4110, 13.6014, 24.1956



224.8020, -46.7374, 10.6976



201.6000, 26.3262, -90.8572

Square

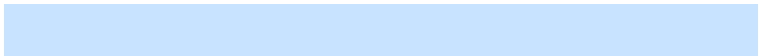
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



224.8020, -46.7374, 10.6976



178.7550, 37.5888, -156.7681



221.8200, 16.3577, -20.0131



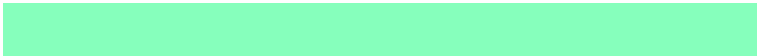
211.8460, -2.8821, 37.8461

Rectangle

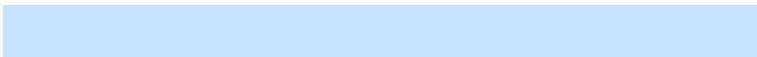
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



224.8020, -46.7374, 10.6976



211.1830, -11.4292, -67.6895



221.8200, 16.3577, -20.0131



220.9540, 16.7847, 29.8583

Sweetspot

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



224.8020, -46.7374, 10.6976



250.8960, -15.7247, 3.5992



161.9930, -15.7725, 65.7811



125.4920, -9.6096, 2.1995



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.



224.8020, -46.7374, 10.6976



239.2680, -60.2781, 13.7970



208.6560, -38.7774, -22.5003



115.7460, -4.8048, 1.0998



160.3660, -79.0604, 18.0960



47.8440, -23.5871, 5.3988

Inverse Universe

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



142.1980, 46.7374, -10.6976



132.7320, 60.2781, -13.7970



158.0450, 38.9248, 21.8855



107.2540, 4.8048, -1.0998



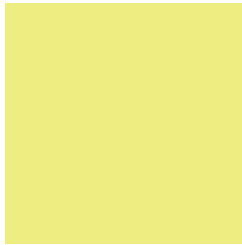
20.6340, 79.0604, -18.0960



6.1560, 23.5871, -5.3988

Previews

White Background



This preview shows how the YUV color 224.8020, -46.7374, 10.6976 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 224.8020, -46.7374, 10.6976 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 224.8020, -46.7374, 10.6976

Background



This preview shows how black text looks on a background with the YUV color 224.8020, -46.7374, 10.6976.

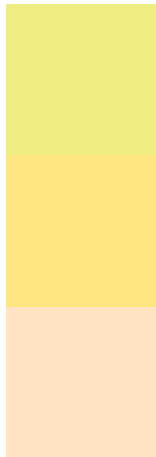


This preview shows how white text looks on a background with the YUV color 224.8020, -46.7374, 10.6976.

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

224.8020, -46.7374, 10.6976

Protanopia

226.1350, -48.3806, 24.4376

Deuteranopia

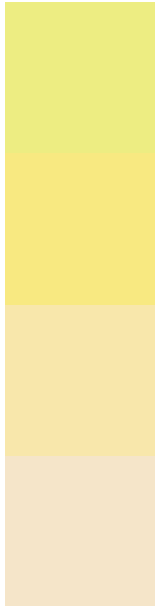
231.7240, -18.1049, 20.4131



Tritanopia

233.5270, 4.1772, 13.5698

Trichromacy



Original Color

224.8020, -46.7374, 10.6976

Protanomaly

225.6290, -47.6381, 19.6194

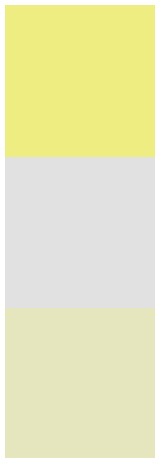
Deuteranomaly

229.2430, -28.7138, 16.4499

Tritanomaly

230.5920, -14.5889, 12.6358

Monochromacy



Original Color

224.8020, -46.7374, 10.6976

Achromatopsia

225.0000, 0.0000, 0.0000

Achromatomaly

224.5540, -17.0351, 3.8991

CSS Examples

Text

The CSS property to change the color of the text to YUV 224.8020, -46.7374, 10.6976 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(237, 237, 130)` looks like.

```
.text, #text, p{  
    color:rgb(237, 237, 130)  
}
```

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(237, 237, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 237, 130) }
```

Border

The CSS property to change the border of an element to YUV 224.8020, -46.7374, 10.6976 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(237, 237, 130) }
```


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

```
.border{ border-color:rgb(237, 237, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 237, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 237, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 237, 130);  
box-shadow:4px 4px 4px 4px rgb(237, 237,  
130) }
```

Background

The CSS property to change the background color of an element to YUV 224.8020, -46.7374, 10.6976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 237, 130) }
```

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

```
.background{ background-color: rgb(237,  
237, 130) }
```

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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