

Converting Colors

YUV(232.2040, -46.4426,
9.4681)

Have a look what the booklet for
YUV(232.2040, -46.4426, 9.4681)
contains.

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Color

**YUV(232.2040, -46.4426,
9.4681)**

Conversions

Conversions Part 1

Format	Color
Hex	F3F58A
RGB	243, 245, 138
RGB Percent	95%, 96%, 54%
CMY	0.0471, 0.0392, 0.4588
CMYK	0.01, 0.00, 0.44, 0.04
HSL	61°, 84%, 75%
HSV	61°, 44%, 96%
XYZ	74.2020, 86.1945, 36.7711
YIQ	232.2040, 33.1550, -33.7010

Conversions

Conversions Part 2

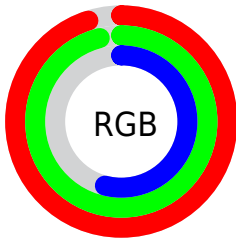
Format	Color
RYB	138, 245, 140
Decimal	15988106
CIELab	94.40, -15.45, 51.06
CIElCh	94, 53.346, 106.834
Yxy	86.1945, 0.3763, 0.4372
Android (android.graphics.Color)	4294178186 (0xFFFF3F58A)
YUV	232.2040, -46.4426, 9.4681
Hunter-Lab	92.8410, -19.8078, 41.5060

Details

The YUV color $232.2040, -46.4426, 9.4681$ is a light color, and the websafe version is hex $FFFF99$. A complement of this color would be $150.7960, 46.4426, -9.4681$, and the grayscale version is $233.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $247.9320, -27.0815, 6.1986$, and $175.9480, -44.8374, 7.9386$ is the 20% darker color. If you saturate the color by 10%, you get $229.3540, -57.3625, 11.9675$, and if you desaturate by 10%, it is $235.0540, -35.5226, 6.9686$.

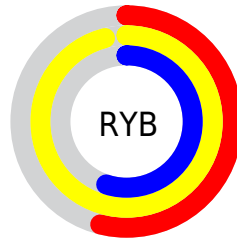
Distribution



Red (95%)

Green (96%)

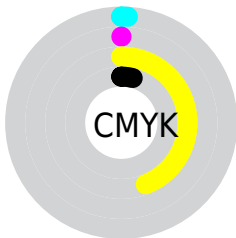
Blue (54%)



Red (54%)

Yellow (96%)

Blue (55%)

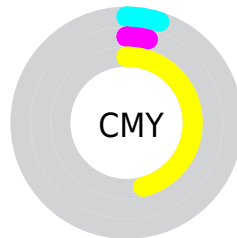


Cyan (1%)

Magenta (0%)

Yellow (44%)

Black (4%)



Cyan (5%)

Magenta (4%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 232.2040, -46.4426, 9.4681 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 232.2040, -46.4426, 9.4681 by changing the saturation by 10% instead.

232.2040,
-46.4426, 9.4681

232.2040,
-46.4426, 9.4681

255.0000, 0.0000,
0.0000

204.0190,
-45.8584, 8.7533

247.9320,
-27.0815, 6.1986

175.9480,
-44.8374, 7.9386

251.2380,
-14.4143, 3.2993

148.7630,
-44.2532, 7.2238

254.5440, -1.7472,
0.3999

122.0510,
-44.3951, 6.0943

95.3670, -47.0159,
6.6941

73.5050, -36.2380,
3.0651

52.2300, -25.7494,

-1.0787

■ 31.8410, -15.6976,
-5.1226

■ 13.5010, -6.6560,
-11.8404

■ 232.2040,
-46.4426, 9.4681

■ 232.2040,
-46.4426, 9.4681

■ 229.3540,
-57.3625, 11.9675

■ 235.0540,
-35.5226, 6.9686

■ 226.3190,
-67.6983, 13.7522

■ 238.0890,
-25.1869, 5.1839

■ 223.4690,
-78.6182, 16.2517

■ 240.8250,
-14.7037, 2.7845

■ 220.4340,
-88.9540, 18.0364

■ 243.9740, -3.9312,
0.8998

■ 217.5840,
-99.8739, 20.5358

■ 246.1400, 4.3680,
-0.9998

■ 215.5750,
-106.2785, 21.4207

■ 246.4390, 4.2206,
-0.3850

■ 246.7380, 4.0732,
0.2298

Harmonies

Analogous

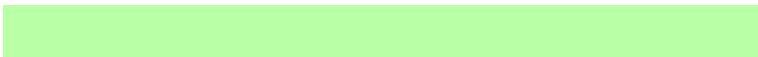
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



225.8130, -43.2918, 25.5970



232.2040, -46.4426, 9.4681



223.9240, -28.5565, -34.1363

Triad

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



232.2040, -46.4426, 9.4681



178.7550, 37.5888, -156.7681



222.7150, 15.9165, 28.3139

Complementary

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



232.2040, -46.4426, 9.4681



150.7960, 46.4426, -9.4681

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.



231.5200, 11.5756, 20.5920



232.2040, -46.4426, 9.4681



210.1940, 22.0894, -85.2391

Square

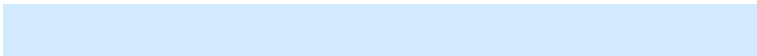
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



232.2040, -46.4426, 9.4681



178.7550, 37.5888, -156.7681



229.2180, 12.7105, -16.8542



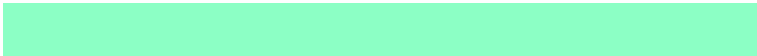
217.2260, -2.5764, 33.1278

Rectangle

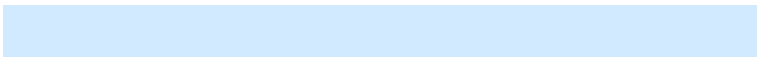
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



232.2040, -46.4426, 9.4681



214.0030, -8.3825, -64.9006



229.2180, 12.7105, -16.8542



225.0630, 14.7589, 26.2547

Sweetspot

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



232.2040, -46.4426, 9.4681



250.9390, -14.2669, 2.6845



171.1670, -16.3513, 64.7515



125.3070, -9.0254, 1.4848



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

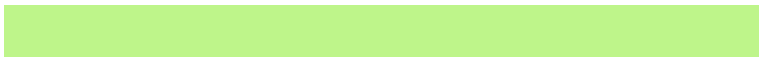
The Same Dimension uses a secret algorithm to generate beautiful new colors.



232.2040, -46.4426, 9.4681



239.2400, -57.7993, 12.0675



216.3570, -38.6300, -23.1151



120.6320, -5.2416, 1.1997



163.8990, -80.8022, 16.7516



51.9750, -25.6237, 5.2839

Inverse Universe

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



150.7960, 46.4426, -9.4681



138.0590, 57.6519, -11.4527



166.6430, 38.6300, 23.1151



111.3680, 5.2416, -1.1997



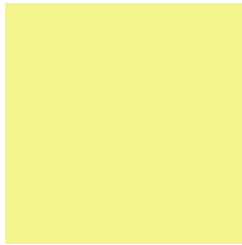
22.1010, 80.8022, -16.7516



7.0250, 25.6237, -5.2839

Previews

White Background



This preview shows how the YUV color 232.2040, -46.4426, 9.4681 looks on a white background.

Color Contrast Check

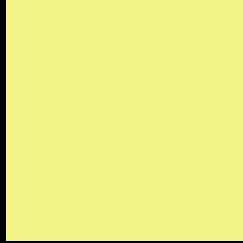
Large Text (above 18pt) WCAG AA × Fail

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 232.2040, -46.4426, 9.4681 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

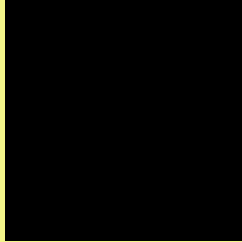
Any Text WCAG AA ✓ Pass

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 232.2040, -46.4426, 9.4681 Background



This preview shows how black text looks on a background with the YUV color 232.2040, -46.4426, 9.4681.

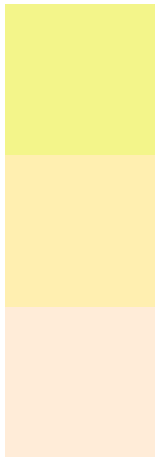


This preview shows how white text looks on a background with the YUV color 232.2040, -46.4426, 9.4681.

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

232.2040, -46.4426, 9.4681

Protanopia

236.6020, -29.8768, 16.1350

Deuteranopia

239.4010, -11.5367, 13.6803



Tritanopia

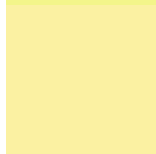
240.9290, 4.4720, 12.3403

Trichromacy



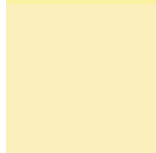
Original Color

232.2040, -46.4426, 9.4681



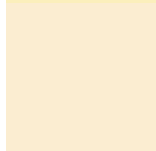
Protanomaly

234.9840, -35.9811, 14.0460



Deuteranomaly

236.7740, -24.0456, 12.4762



Tritanomaly

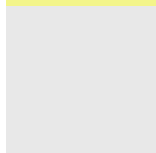
237.9940, -14.2940, 11.4063

Monochromacy



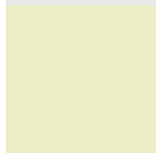
Original Color

232.2040, -46.4426, 9.4681



Achromatopsia

232.0000, 0.0000, 0.0000



Achromatomaly

232.2550, -16.8877, 3.2844

CSS Examples

Text

The CSS property to change the color of the text to YUV 232.2040, -46.4426, 9.4681 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(243, 245, 138)` looks like.

```
.text, #text, p{  
    color:rgb(243, 245, 138)  
}
```

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(243, 245, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 245, 138) }
```

Border

The CSS property to change the border of an element to YUV 232.2040, -46.4426, 9.4681 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(243, 245, 138) }
```


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

```
.border{ border-color:rgb(243, 245, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 245, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(243, 245, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(243, 245, 138); box-shadow:4px 4px 4px 4px rgb(243, 245, 138) }
```

Background

The CSS property to change the background color of an element to YUV 232.2040, -46.4426, 9.4681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 245, 138) }
```

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

```
.background{ background-color: rgb(243,  
245, 138) }
```

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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