

Converting Colors

YUV(228.2430, -48.9268,
12.9419)

Have a look what the booklet for
YUV(228.2430, -48.9268, 12.9419)
contains.

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Color

**YUV(228.2430, -48.9268,
12.9419)**

Conversions

Conversions Part 1

Format	Color
Hex	F3F081
RGB	243, 240, 129
RGB Percent	95%, 94%, 51%
CMY	0.0471, 0.0588, 0.4941
CMYK	0.00, 0.01, 0.47, 0.05
HSL	58°, 83%, 73%
HSV	58°, 47%, 95%
XYZ	72.0847, 82.9598, 32.9825
YIQ	228.2430, 37.4190, -33.8850

Conversions

Conversions Part 2

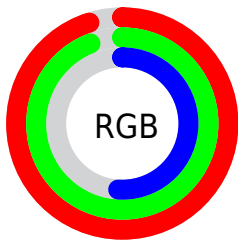
Format	Color
R_{YB}	132, 243, 129
Decimal	15986817
CIE _{Lab}	93.00, -13.84, 53.61
CIE _{LCh}	93, 55.365, 104.478
Yxy	82.9598, 0.3834, 0.4412
Android (android.graphics.Color)	4294176897 (0xFFFF3F081)
YUV	228.2430, -48.9268, 12.9419
Hunter-Lab	91.0823, -18.1249, 42.2877

Details

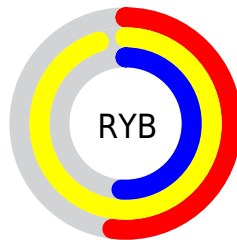
The YUV color **228.2430, -48.9268, 12.9419** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **143.7570, 48.9268, -12.9419**, and the grayscale version is **229.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **246.9060, -31.0127, 7.0984**, and **171.9870, -47.3216, 11.4124** is the 20% darker color. If you saturate the color by 10%, you get **224.9200, -59.1206, 15.8562**, and if you desaturate by 10%, it is **231.5660, -38.7330, 10.0276**.

Distribution



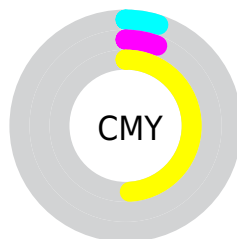
- Red (95%)
- Green (94%)
- Blue (51%)



- Red (52%)
- Yellow (95%)
- Blue (51%)



- Cyan (0%)
- Magenta (1%)
- Yellow (47%)
- Black (5%)



- Cyan (5%)
- Magenta (6%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 228.2430, -48.9268, 12.9419 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 228.2430, -48.9268, 12.9419 by changing the saturation by 10% instead.

228.2430,
-48.9268, 12.9419

228.2430,
-48.9268, 12.9419

255.0000, 0.0000,
0.0000

200.0580,
-48.3426, 12.2271

246.9060,
-31.0127, 7.0984

171.9870,
-47.3216, 11.4124

250.0980,
-18.7823, 4.2991

144.8020,
-46.7374, 10.6976

253.4040, -6.1152,
1.3997

117.7480,
-48.1898, 9.8680

92.7200, -45.7110,
8.1386

70.8580, -34.9330,
4.5095

49.5830, -24.4444,

0.3657

■ 29.7810, -14.6820,
-4.1929

■ 10.5660, -5.2090,
-9.2664

■ 228.2430,
-48.9268, 12.9419

■ 228.2430,
-48.9268, 12.9419

■ 224.9200,
-59.1206, 15.8562

■ 231.5660,
-38.7330, 10.0276

■ 222.0700,
-70.0405, 18.3556

■ 234.4160,
-27.8131, 7.5282

■ 218.7470,
-80.2343, 21.2699

■ 237.7390,
-17.6193, 4.6139

■ 215.4240,
-90.4280, 24.1842

■ 241.0620, -7.4256,
1.6996

■ 212.6880,
-100.9112, 26.5836

■ 243.9120, 3.4944,
-0.7998

■ 211.7760,
-104.4056, 27.3834

■ 244.9550, 4.9522,
-1.7145

■ 245.5420, 4.6628,
-2.2293

■ 246.1290, 4.3734,
-2.7441

Harmonies

Analogous

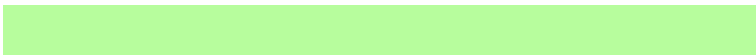
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



221.6070, -44.1763, 29.2857



228.2430, -48.9268, 12.9419



221.1260, -31.6141, -33.4365

Triad

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



228.2430, -48.9268, 12.9419



178.7550, 37.5888, -156.7681



219.7800, 17.3635, 30.8879

Complementary

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



228.2430, -48.9268, 12.9419



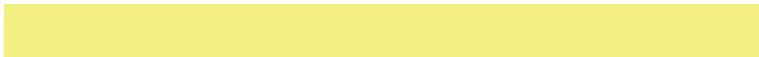
143.7570, 48.9268, -12.9419

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



228.2430, -48.9268, 12.9419



200.3600, 26.9375, -100.2937

Square

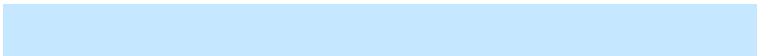
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



228.2430, -48.9268, 12.9419



178.7550, 37.5888, -156.7681



223.5700, 15.4950, -23.3019



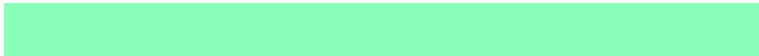
213.0030, -0.9875, 36.8314

Rectangle

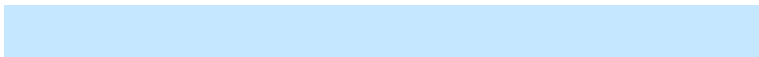
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



228.2430, -48.9268, 12.9419



211.9660, -12.3082, -65.7452



223.5700, 15.4950, -23.3019



222.7150, 15.9165, 28.3139

Sweetspot

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



228.2430, -48.9268, 12.9419



250.3090, -15.4353, 4.1140



163.5420, -15.0572, 69.6847



124.9050, -9.3202, 2.7143



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.



228.2430, -48.9268, 12.9419



236.3500, -61.3045, 16.3561



214.1570, -41.9824, -21.1857



120.6320, -5.2416, 1.1997



161.8610, -79.7975, 21.1699



51.1000, -25.1923, 6.9283

Inverse Universe

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



143.7570, 48.9268, -12.9419



130.6500, 61.3045, -16.3561



157.8430, 41.9824, 21.1857



111.3680, 5.2416, -1.1997



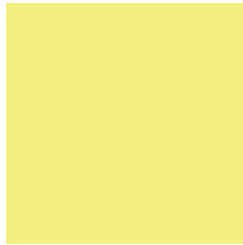
24.1390, 79.7975, -21.1699



7.9000, 25.1923, -6.9283

Previews

White Background



This preview shows how the YUV color 228.2430, -48.9268, 12.9419 looks on a white background.

Color Contrast Check

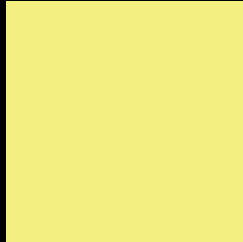
Large Text (above 18pt) WCAG AA × Fail

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 228.2430, -48.9268, 12.9419 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 228.2430, -48.9268, 12.9419

Background



This preview shows how black text looks on a background with the YUV color 228.2430, -48.9268, 12.9419.

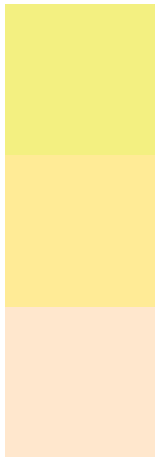


This preview shows how white text looks on a background with the YUV color 228.2430, -48.9268, 12.9419.

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

228.2430, -48.9268, 12.9419

Protanopia

231.2900, -40.0760, 20.7937

Deuteranopia

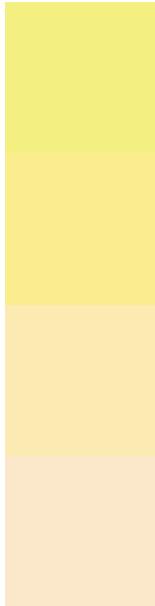
235.2120, -14.8945, 17.3541



Tritanopia

237.3100, 3.2982, 15.5141

Trichromacy



Original Color

228.2430, -48.9268, 12.9419

Protanomaly

230.3560, -43.5595, 18.1048

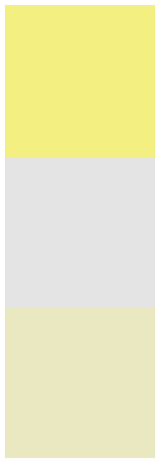
Deuteranomaly

232.5850, -27.4034, 16.1500

Tritanomaly

234.2610, -15.9047, 14.6801

Monochromacy



Original Color

228.2430, -48.9268, 12.9419

Achromatopsia

228.0000, 0.0000, 0.0000

Achromatomaly

227.7390, -17.6193, 4.6139

CSS Examples

Text

The CSS property to change the color of the text to YUV 228.2430, -48.9268, 12.9419 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, 240, 129)` looks like.

```
.text, #text, p{  
    color:rgb(243, 240, 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(243, 240, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 240, 129) }
```

Border

The CSS property to change the border of an element to YUV 228.2430, -48.9268, 12.9419 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, 240, 129) }
```


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

```
.border{ border-color:rgb(243, 240, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 240, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 240, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 240, 129);  
box-shadow:4px 4px 4px 4px rgb(243, 240,  
129) }
```

Background

The CSS property to change the background color of an element to YUV 228.2430, -48.9268, 12.9419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 240, 129) }
```

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

```
.background{ background-color: rgb(243,  
240, 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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