

Converting Colors

YUV(232.7160, -29.4400,
16.0351)

Have a look what the booklet for
YUV(232.7160, -29.4400, 16.0351)
contains.

YUV(232.7160, -29.4400, 16.0351)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(232.7160, -29.4400,
16.0351)**

Conversions

Conversions Part 1

Format	Color
Hex	FBEBAD
RGB	251, 235, 173
RGB Percent	98%, 92%, 68%
CMY	0.0157, 0.0784, 0.3216
CMYK	0.00, 0.06, 0.31, 0.02
HSL	48°, 91%, 83%
HSV	48°, 31%, 98%
XYZ	77.0348, 82.9430, 51.4846
YIQ	232.7160, 29.4380, -15.8900

Conversions

Conversions Part 2

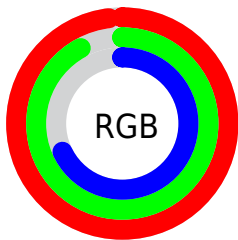
Format	Color
RYB	193, 251, 173
Decimal	16509869
CIELab	92.99, -3.60, 32.10
CIELCh	93, 32.302, 96.404
Yxy	82.9430, 0.3643, 0.3922
Android (android.graphics.Color)	4294699949 (0xFFFBEBAD)
YUV	232.7160, -29.4400, 16.0351
Hunter-Lab	91.0731, -8.3923, 30.2339

Details

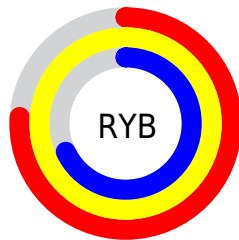
The YUV color $232.7160, -29.4400, 16.0351$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $191.2840, 29.4400, -16.0351$, and the grayscale version is $233.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.0360, -11.3567, 2.5994$, and $176.7590, -27.9822, 15.1204$ is the 20% darker color. If you saturate the color by 10%, you get $226.9310, -38.9130, 21.1085$, and if you desaturate by 10%, it is $238.5010, -19.9670, 10.9616$.

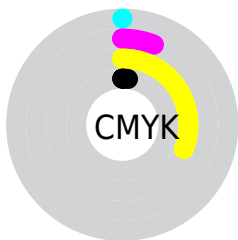
Distribution



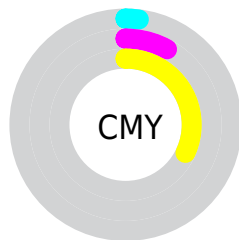
- Red (98%)
- Green (92%)
- Blue (68%)



- Red (76%)
- Yellow (98%)
- Blue (68%)



- Cyan (0%)
- Magenta (6%)
- Yellow (31%)
- Black (2%)



- Cyan (2%)
- Magenta (8%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 232.7160, -29.4400, 16.0351 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 232.7160, -29.4400, 16.0351 by changing the saturation by 10% instead.

■ 232.7160,
-29.4400, 16.0351

■ 232.7160,
-29.4400, 16.0351

255.0000, 0.0000,
0.0000

■ 204.5310,
-28.8558, 15.3203

■ 252.0360,
-11.3567, 2.5994

■ 176.7590,
-27.9822, 15.1204

■ 150.2750,
-27.2506, 13.7908

■ 124.0900,
-26.6664, 13.0761

■ 98.7200, -25.4980,
11.6466

■ 74.5350, -24.9138,
10.9318

■ 50.8230, -25.0557,

9.8022

■ 31.6190, -15.5882,
6.4731

■ 9.7240, -4.7939,
-2.3889

■ 232.7160,
-29.4400, 16.0351

■ 232.7160,
-29.4400, 16.0351

■ 226.9310,
-38.9130, 21.1085

■ 238.5010,
-19.9670, 10.9616

■ 221.1460,
-48.3860, 26.1820

■ 244.2860,
-10.4940, 5.8882

■ 215.3610,
-57.8590, 31.2554

■ 250.0710, -1.0210,
0.8147

■ 208.9890,
-67.0426, 36.8436

■ 253.8040, 0.5896,
-2.4591

■ 203.2040,
-76.5156, 41.9171

■ 197.3050,
-86.4254, 47.0905

■ 192.4490,
-94.8774, 51.3492

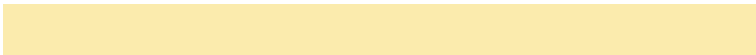
Harmonies

Analogous

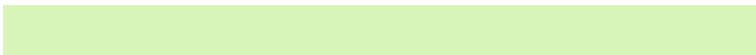
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



228.7260, -24.5149, 23.0423



232.7160, -29.4400, 16.0351



229.0870, -22.2279, -10.6003

Triad

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



232.7160, -29.4400, 16.0351



219.1640, 17.6671, -66.7958



232.1070, 11.2862, 20.0772

Complementary

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



232.7160, -29.4400, 16.0351



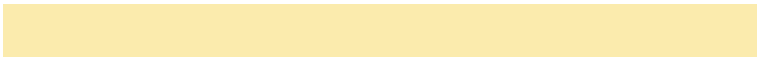
191.2840, 29.4400, -16.0351

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.



235.2970, 9.7136, 11.1405



232.7160, -29.4400, 16.0351



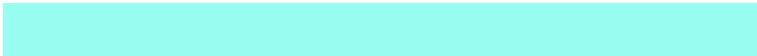
222.2200, 16.1605, -50.1819

Square

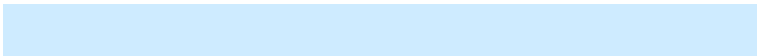
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



232.7160, -29.4400, 16.0351



220.8460, 9.9359, -60.3779



228.6090, 13.0108, -19.8281



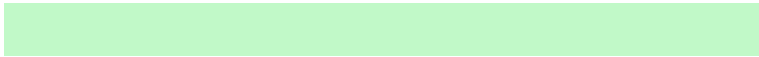
226.7950, 1.0871, 24.7358

Rectangle

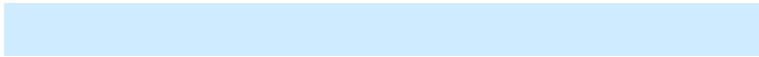
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



232.7160, -29.4400, 16.0351



226.6700, -13.1483, -29.5286



228.6090, 13.0108, -19.8281



233.2810, 10.7075, 19.0476

Sweetspot

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



232.7160, -29.4400, 16.0351



249.4430, -8.5994, 4.8735



198.2600, -4.0722, 46.2530



124.5290, -5.6838, 3.0441



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

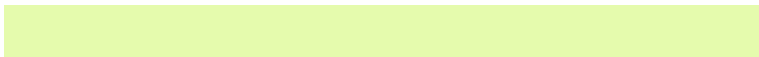
The Same Dimension uses a secret algorithm to generate beautiful new colors.



232.7160, -29.4400, 16.0351



233.1310, -35.5606, 19.1791



235.5300, -30.8273, -5.7268



121.7570, -4.8102, 2.8441



144.5610, -71.2686, 38.9730



47.0020, -23.1720, 12.2762

Inverse Universe

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



191.2840, 29.4400, -16.0351



182.8690, 35.5606, -19.1791



188.4700, 30.8273, 5.7268



115.2430, 4.8102, -2.8441



44.4390, 71.2686, -38.9730



14.5850, 22.8826, -12.7910

Previews

White Background



This preview shows how the YUV color 232.7160, -29.4400, 16.0351 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 232.7160, -29.4400, 16.0351 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

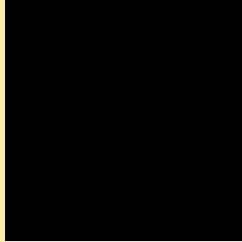
Any Text WCAG AA ✓ Pass

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 232.7160, -29.4400, 16.0351 Background



This preview shows how black text looks on a background with the YUV color 232.7160, -29.4400, 16.0351.

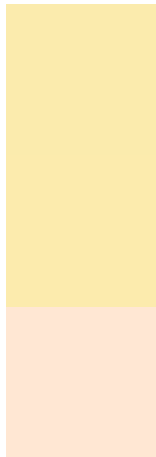


This preview shows how white text looks on a background with the YUV color 232.7160, -29.4400,

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

232.7160, -29.4400, 16.0351

Protanopia

233.0150, -29.5874, 16.6498

Deuteranopia

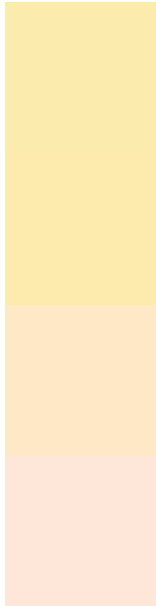
235.8960, -12.2737, 16.7542



Tritanopia

237.0820, 2.4246, 15.7141

Trichromacy



Original Color

232.7160, -29.4400, 16.0351

Protanomaly

233.0150, -29.5874, 16.6498

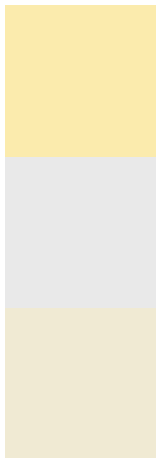
Deuteranomaly

234.5880, -18.5309, 17.0243

Tritanomaly

235.6940, -9.2161, 16.0544

Monochromacy



Original Color

232.7160, -29.4400, 16.0351

Achromatopsia

233.0000, 0.0000, 0.0000

Achromatomaly

233.1720, -10.9308, 5.9882

CSS Examples

Text

The CSS property to change the color of the text to YUV 232.7160, -29.4400, 16.0351 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(251, 235, 173)` looks like.

```
.text, #text, p{  
    color:rgb(251, 235, 173)  
}
```

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(251, 235, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 235, 173) }
```

Border

The CSS property to change the border of an element to YUV 232.7160, -29.4400, 16.0351 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(251, 235, 173) }
```


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

```
.border{ border-color:rgb(251, 235, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 235, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 235, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 235, 173);  
box-shadow:4px 4px 4px 4px rgb(251, 235,  
173) }
```

Background

The CSS property to change the background color of an element to YUV 232.7160, -29.4400, 16.0351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 235, 173) }
```

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

```
.background{ background-color: rgb(251,  
235, 173) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor