

Converting Colors

YUV(229.5460, -28.3702,
-0.4788)

Have a look what the booklet for
YUV(229.5460, -28.3702, -0.4788)
contains.

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Color

**YUV(229.5460, -28.3702,
-0.4788)**

Conversions

Conversions Part 1

Format	Color
Hex	E5F1AC
RGB	229, 241, 172
RGB Percent	90%, 95%, 67%
CMY	0.1020, 0.0549, 0.3255
CMYK	0.05, 0.00, 0.29, 0.05
HSL	70°, 71%, 81%
HSV	70°, 29%, 95%
XYZ	71.2148, 82.5472, 51.2095
YIQ	229.5460, 14.9970, -24.0030

Conversions

Conversions Part 2

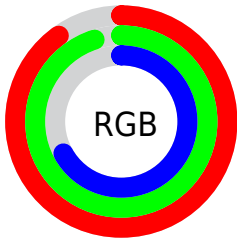
Format	Color
RYB	172, 241, 184
Decimal	15069612
CIELab	92.82, -14.90, 32.08
CIElCh	93, 35.372, 114.919
Yxy	82.5472, 0.3474, 0.4027
Android (android.graphics.Color)	4293259692 (0xFFE5F1AC)
YUV	229.5460, -28.3702, -0.4788
Hunter-Lab	90.8555, -19.0843, 30.1808

Details

The YUV color $229.5460, -28.3702, -0.4788$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $183.4540, 28.3702, 0.4788$, and the grayscale version is $230.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $251.9220, -11.7935, 2.6994$, and $173.8880, -27.0598, -0.7788$ is the 20% darker color. If you saturate the color by 10%, you get $225.6140, -38.2637, -0.5385$, and if you desaturate by 10%, it is $233.4780, -18.4767, -0.4192$.

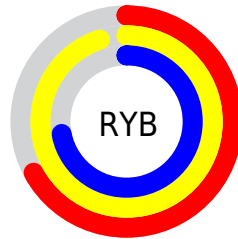
Distribution



Red (90%)

Green (95%)

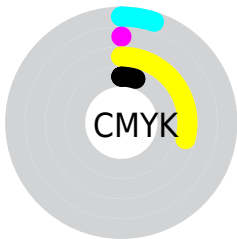
Blue (67%)



Red (67%)

Yellow (95%)

Blue (72%)

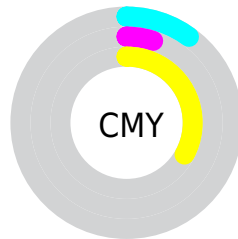


Cyan (5%)

Magenta (0%)

Yellow (29%)

Black (5%)



Cyan (10%)

Magenta (5%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 229.5460, -28.3702, -0.4788 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 229.5460, -28.3702, -0.4788 by changing the saturation by 10% instead.

■ 229.5460,
-28.3702, -0.4788

■ 229.5460,
-28.3702, -0.4788

255.0000, 0.0000,
0.0000

■ 201.6600,
-27.9334, -0.5788

■ 251.9220,
-11.7935, 2.6994

■ 173.8880,
-27.0598, -0.7788

■ 147.1160,
-26.1862, -0.9787

■ 120.9310,
-25.6020, -1.6935

■ 96.1590, -24.7284,
-1.8934

■ 71.8600, -24.5810,
-2.5082

■ 48.3870, -23.8548,

-2.0934

■ 29.1830, -14.3872,
-5.4225

■ 10.5660, -5.2090,
-9.2664

■ 229.5460,
-28.3702, -0.4788

■ 229.5460,
-28.3702, -0.4788

■ 225.6140,
-38.2637, -0.5385

■ 233.4780,
-18.4767, -0.4192

■ 221.6820,
-48.1572, -0.5981

■ 237.4100, -8.5831,
-0.3596

■ 217.4510,
-57.9033, -1.2725

■ 241.6410, 1.1630,
0.3148

■ 213.5190,
-67.7969, -1.3322

■ 244.0910, 5.3781,
1.6742

■ 209.4730,
-78.1272, -1.2918

■ 245.2870, 4.7885,
4.1333

■ 205.5410,
-88.0207, -1.3515

■ 246.4830, 4.1989,
6.5924

■ 201.6090,
-97.9142, -1.4111

■ 246.7820, 4.0515,
7.2072

■ 200.9680,
-99.0772, -1.7259

Harmonies

Analogous

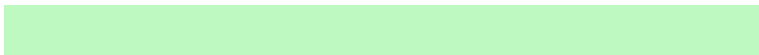
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



230.2930, -31.2034, 21.6680



229.5460, -28.3702, -0.4788



225.0890, -15.3269, -30.7731

Triad

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



229.5460, -28.3702, -0.4788



216.8050, 18.8301, -66.4810



227.1030, 7.3442, 24.4657

Complementary

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



229.5460, -28.3702, -0.4788



183.4540, 28.3702, 0.4788

Split Complementary

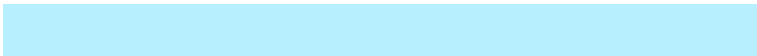
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



232.1070, 11.2862, 20.0772



229.5460, -28.3702, -0.4788



224.0800, 15.2436, -36.0272

Square

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



229.5460, -28.3702, -0.4788



216.4510, 19.0047, -75.8175



232.2740, 11.2039, -0.2403



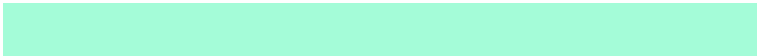
223.7000, -8.2331, 27.4501

Rectangle

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



229.5460, -28.3702, -0.4788



221.5840, -2.7529, -50.5012



232.2740, 11.2039, -0.2403



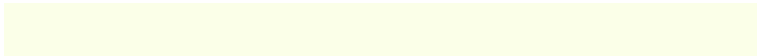
228.9440, 11.8596, 22.8511

Sweetspot

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



229.5460, -28.3702, -0.4788



251.1820, -9.4567, -0.1596



199.6750, -13.6438, 36.2420



125.3930, -6.1097, -0.3447



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

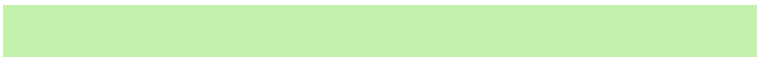
The Same Dimension uses a secret algorithm to generate beautiful new colors.



229.5460, -28.3702, -0.4788



240.5970, -35.7903, -0.5236



219.3800, -23.3583, -21.3813



118.0340, -4.9468, -0.0298



153.4560, -75.6538, -1.2769



46.6260, -22.9866, -0.5490

Inverse Universe

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



183.4540, 28.3702, 0.4788



182.4030, 35.7903, 0.5236



193.6200, 23.3583, 21.3813



109.9660, 4.9468, 0.0298



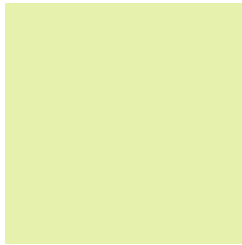
30.5440, 75.6538, 1.2769



9.3740, 22.9866, 0.5490

Previews

White Background



This preview shows how the YUV color 229.5460, -28.3702, -0.4788 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 229.5460, -28.3702, -0.4788 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

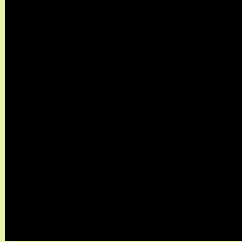
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

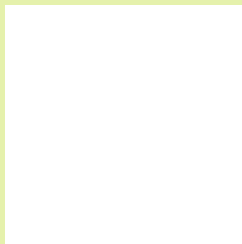
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 229.5460, -28.3702, -0.4788

Background



This preview shows how black text looks on a background with the YUV color 229.5460, -28.3702, -0.4788.



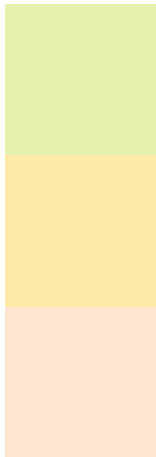
This preview shows how white text looks on a background with the YUV color 229.5460, -28.3702, -0.4788.

-0.4788.

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

229.5460, -28.3702, -0.4788

Protanopia

231.9720, -31.0452, 17.5646

Deuteranopia

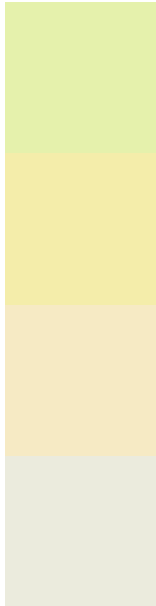
235.0810, -12.8579, 17.4690



Tritanopia

235.4440, 6.6831, 3.1186

Trichromacy



Original Color

229.5460, -28.3702, -0.4788

Protanomaly

231.4550, -30.2973, 11.0020

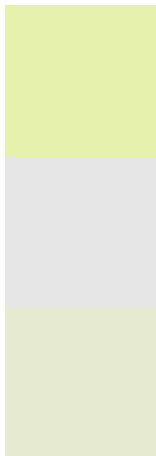
Deuteranomaly

233.2560, -18.3672, 11.1765

Tritanomaly

233.4040, -6.1152, 1.3997

Monochromacy



Original Color

229.5460, -28.3702, -0.4788

Achromatopsia

230.0000, 0.0000, 0.0000

Achromatomaly

229.9540, -10.3303, 0.0403

CSS Examples

Text

The CSS property to change the color of the text to YUV 229.5460, -28.3702, -0.4788 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(229, 241, 172)` looks like.

```
.text, #text, p{  
    color:rgb(229, 241, 172)  
}
```

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(229, 241, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 241, 172) }
```

Border

The CSS property to change the border of an element to YUV 229.5460, -28.3702, -0.4788 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(229, 241, 172) }
```


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

```
.border{ border-color:rgb(229, 241, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 241, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 241, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 241, 172);  
box-shadow:4px 4px 4px 4px rgb(229, 241,  
172) }
```

Background

The CSS property to change the background color of an element to YUV 229.5460, -28.3702, -0.4788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 241, 172) }
```

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

```
.background{ background-color: rgb(229,  
241, 172) }
```

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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