

Converting Colors

YUV(188.1360, -29.6470,
35.8377)

Have a look what the booklet for
YUV(188.1360, -29.6470, 35.8377)
contains.

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Color

**YUV(188.1360, -29.6470,
35.8377)**

Conversions

Conversions Part 1

Format	Color
Hex	E5B380
RGB	229, 179, 128
RGB Percent	90%, 70%, 50%
CMY	0.1020, 0.2980, 0.4980
CMYK	0.00, 0.22, 0.44, 0.10
HSL	30°, 66%, 70%
HSV	30°, 44%, 90%
XYZ	52.3295, 50.4567, 27.4031
YIQ	188.1360, 46.1710, -5.2610

Conversions

Conversions Part 2

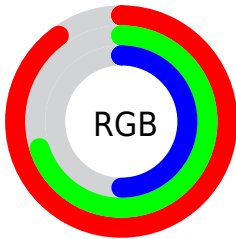
Format	Color
R _Y B	227, 229, 128
Decimal	15053696
CIE Lab	76.35, 11.75, 32.95
CIE LCh	76, 34.980, 70.380
Yxy	50.4567, 0.4019, 0.3876
Android (android.graphics.Color)	4293243776 (0xFFE5B380)
YUV	188.1360, -29.6470, 35.8377
Hunter-Lab	71.0329, 7.1922, 26.8501

Details

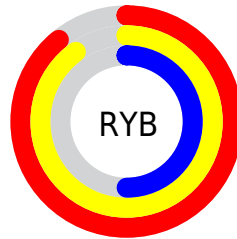
The YUV color $188.1360, -29.6470, 35.8377$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $168.8640, 29.6470, -35.8377$, and the grayscale version is $188.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $234.8240, -26.5352, 17.6944$, and $133.9830, -27.5996, 32.4639$ is the 20% darker color. If you saturate the color by 10%, you get $179.0570, -36.5101, 43.8000$, and if you desaturate by 10%, it is $197.2150, -22.7840, 27.8754$.

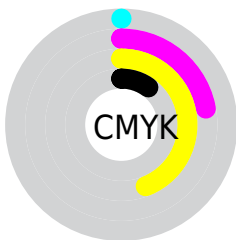
Distribution



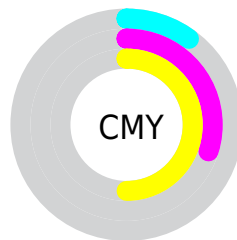
- Red (90%)
- Green (70%)
- Blue (50%)



- Red (89%)
- Yellow (90%)
- Blue (50%)



- Cyan (0%)
- Magenta (22%)
- Yellow (44%)
- Black (10%)



- Cyan (10%)
- Magenta (30%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 188.1360, -29.6470, 35.8377 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 188.1360, -29.6470, 35.8377 by changing the saturation by 10% instead.

188.1360,
-29.6470, 35.8377

188.1360,
-29.6470, 35.8377

255.0000, 0.0000,
0.0000

160.7660,
-28.4786, 34.4082

234.8240,
-26.5352, 17.6944

133.9830,
-27.5996, 32.4639

249.7560,
-20.0927, 4.5990

108.4990,
-26.8680, 31.1344

253.0620, -7.4256,
1.6996

83.4170, -25.8416,
28.5753

60.1070, -25.6888,
26.2162

38.5070, -18.9840,
22.3574

19.2920, -9.5110,

17.2839

■ 0.0000, 0.0000,
0.0000

■ 188.1360,
-29.6470, 35.8377

■ 188.1360,
-29.6470, 35.8377

■ 179.0570,
-36.5101, 43.8000

■ 197.2150,
-22.7840, 27.8754

■ 169.3910,
-43.0838, 52.2771

■ 206.8810,
-16.2103, 19.3984

■ 160.3120,
-49.9468, 60.2394

■ 215.9600, -9.3473,
11.4361

■ 151.2330,
-56.8099, 68.2017

■ 225.0390, -2.4842,
3.4738

■ 141.5670,
-63.3835, 76.6787

■ 234.7050, 4.0894,
-5.0033

■ 136.5630,
-67.3256, 81.0672

■ 242.5300, 6.1477,
-11.8658

■ 247.2260, 3.8326,
-15.9842

Harmonies

Analogous

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



190.2270, -20.8179, 50.6669



188.1360, -29.6470, 35.8377



185.1670, -30.1553, 12.1315

Triad

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



188.1360, -29.6470, 35.8377



170.5180, 14.0416, -70.6143



192.3370, 22.5119, 12.8595

Complementary

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



188.1360, -29.6470, 35.8377



168.8640, 29.6470, -35.8377

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.



187.5220, 31.7877, -22.3828



188.1360, -29.6470, 35.8377



169.4750, 29.3458, -79.3466

Square

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



188.1360, -29.6470, 35.8377



176.0470, -4.9532, -44.7682



177.9860, 34.5169, -57.8697



193.2450, 8.7532, 39.2501

Rectangle

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



188.1360, -29.6470, 35.8377



182.7240, -25.0069, -5.8969



177.9860, 34.5169, -57.8697



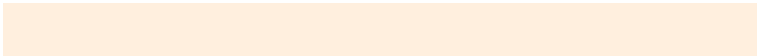
191.1830, 26.0388, 1.5935

Sweetspot

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



188.1360, -29.6470, 35.8377



241.8460, -9.7841, 11.5361



164.0130, 7.3886, 56.9936



119.1490, -5.9895, 7.7623



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.



188.1360, -29.6470, 35.8377



200.2810, -39.5785, 47.9886



217.4860, -44.1166, 10.0978



110.1100, -3.5052, 4.2885



106.3510, -52.4310, 63.7132



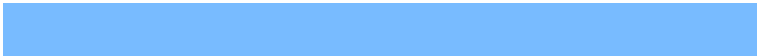
30.5110, -15.0419, 17.9689

Inverse Universe

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



168.8640, 29.6470, -35.8377



174.7190, 39.5785, -47.9886



139.5140, 44.1166, -10.0978



107.8900, 3.5052, -4.2885



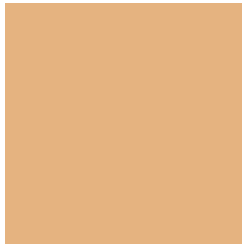
72.0620, 52.7204, -63.1984



20.4890, 15.0419, -17.9689

Previews

White Background



This preview shows how the YUV color 188.1360, -29.6470, 35.8377 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 188.1360, -29.6470, 35.8377 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 188.1360, -29.6470, 35.8377

Background



This preview shows how black text looks on a background with the YUV color 188.1360, -29.6470, 35.8377.



This preview shows how white text looks on a background with the YUV color 188.1360, -29.6470,

35.8377.

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

188.1360, -29.6470, 35.8377

Protanopia

186.4000, -26.8192, 15.4352

Deuteranopia

187.8260, -29.4942, 33.4786



Tritanopia

192.0200, -3.4609, 36.8165

Trichromacy



Original Color

188.1360, -29.6470, 35.8377

Protanomaly

187.2160, -27.7145, 22.6126

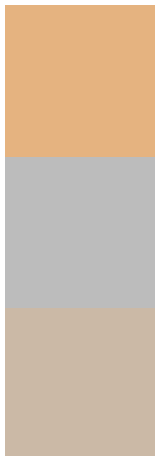
Deuteranomaly

188.1250, -29.6416, 34.0934

Tritanomaly

190.7890, -13.2070, 36.1420

Monochromacy



Original Color

188.1360, -29.6470, 35.8377

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

188.2160, -10.9525, 12.9656

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.1360, -29.6470, 35.8377 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, 179, 128)` looks like.

```
.text, #text, p{  
    color:rgb(229, 179, 128)  
}
```

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, 179, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 179, 128) }
```

Border

The CSS property to change the border of an element to YUV 188.1360, -29.6470, 35.8377 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, 179, 128) }
```


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

```
.border{ border-color:rgb(229, 179, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 179, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 179, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 179, 128);  
box-shadow:4px 4px 4px 4px rgb(229, 179,  
128) }
```

Background

The CSS property to change the background color of an element to YUV 188.1360, -29.6470, 35.8377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 179, 128) }
```

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

```
.background{ background-color: rgb(229,  
179, 128) }
```

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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