

Converting Colors

YUV(238.2310, -30.6799,
-6.3416)

Have a look what the booklet for
YUV(238.2310, -30.6799, -6.3416)
contains.

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Color

**YUV(238.2310, -30.6799,
-6.3416)**

Conversions

Conversions Part 1

Format	Color
Hex	E7FEB0
RGB	231, 254, 176
RGB Percent	91%, 100%, 69%
CMY	0.0941, 0.0039, 0.3098
CMYK	0.09, 0.00, 0.31, 0.00
HSL	78°, 98%, 84%
HSV	78°, 31%, 100%
XYZ	76.2333, 91.0071, 54.6225
YIQ	238.2310, 11.3300, -29.1340

Conversions

Conversions Part 2

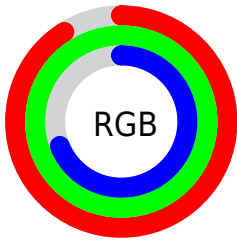
Format	Color
R _Y B	176, 254, 199
Decimal	15204016
CIE Lab	96.41, -19.98, 34.90
CIE LCh	96, 40.215, 119.794
Yxy	91.0071, 0.3436, 0.4102
Android (android.graphics.Color)	4293394096 (0xFFE7FEB0)
YUV	238.2310, -30.6799, -6.3416
Hunter-Lab	95.3977, -24.3047, 32.8303

Details

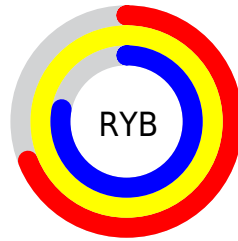
The YUV color $238.2310, -30.6799, -6.3416$ is a light color, and the websafe version is hex $FFFF99$. A complement of this color would be $191.7690, 30.6799, 6.3416$, and the grayscale version is $239.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.3780, -10.0464, 2.2995$, and $181.9860, -29.0801, -6.1267$ is the 20% darker color. If you saturate the color by 10%, you get $233.2880, -40.5680, -8.1456$, and if you desaturate by 10%, it is $243.1740, -20.7918, -4.5376$.

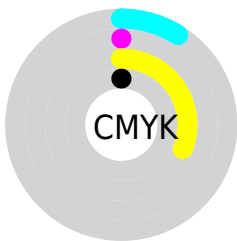
Distribution



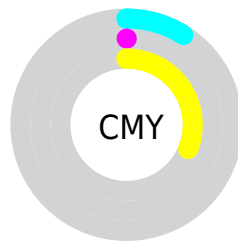
- Red (91%)
- Green (100%)
- Blue (69%)



- Red (69%)
- Yellow (100%)
- Blue (78%)



- Cyan (9%)
- Magenta (0%)
- Yellow (31%)
- Black (0%)



- Cyan (9%)
- Magenta (0%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 238.2310, -30.6799, -6.3416 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 238.2310, -30.6799, -6.3416 by changing the saturation by 10% instead.

■ 238.2310,
-30.6799, -6.3416

■ 238.2310,
-30.6799, -6.3416

255.0000, 0.0000,
0.0000

■ 209.4590,
-29.8063, -6.5415

■ 252.3780,
-10.0464, 2.2995

■ 181.9860,
-29.0801, -6.1267

■ 154.8010,
-28.4959, -6.8415

■ 128.3280,
-27.7697, -6.4267

■ 103.1430,
-27.1855, -7.1414

■ 78.3710, -26.3119,
-7.3414

■ 54.2570, -26.7487,

-7.2414

■ 34.4660, -16.9917,
-10.0557

■ 16.4360, -8.1029,
-14.4144

■ 238.2310,
-30.6799, -6.3416

■ 238.2310,
-30.6799, -6.3416

■ 233.2880,
-40.5680, -8.1456

■ 243.1740,
-20.7918, -4.5376

■ 227.9320,
-50.7455, -10.4644

■ 248.5300,
-10.6143, -2.2188

■ 222.9890,
-60.6336, -12.2684

■ 253.4730, -0.7262,
-0.4148

■ 217.6330,
-70.8111, -14.5871

■ 254.4130, 0.2894,
0.5148

■ 212.6900,
-80.6992, -16.3911

■ 207.4480,
-90.4399, -18.8099

■ 202.6190,
-99.8912, -20.7139

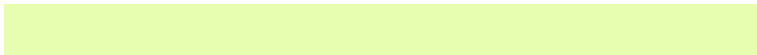
Harmonies

Analogous

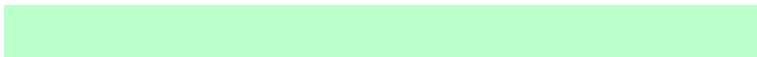
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



237.3370, -34.6761, 15.4905



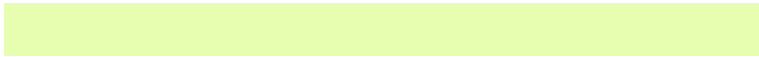
238.2310, -30.6799, -6.3416



228.5550, -12.1056, -37.3207

Triad

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



238.2310, -30.6799, -6.3416



220.3160, 17.0992, -71.3141



231.0810, 7.3551, 20.9770

Complementary

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



238.2310, -30.6799, -6.3416



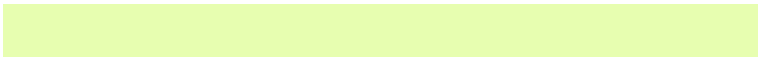
191.7690, 30.6799, 6.3416

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.



235.6290, 9.5499, 16.9884



238.2310, -30.6799, -6.3416



232.3530, 11.1650, -34.5126

Square

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



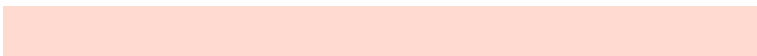
238.2310, -30.6799, -6.3416



213.7380, 20.3422, -84.8392



241.7650, 6.5249, 7.2221



227.9230, -9.8220, 23.7465

Rectangle

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



238.2310, -30.6799, -6.3416



222.5490, 3.6733, -58.3635



241.7650, 6.5249, 7.2221



232.6940, 10.9969, 19.5624

Sweetspot

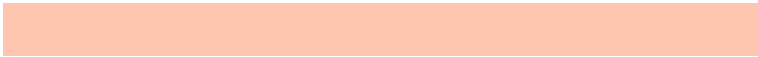
The Sweet Spot groups the original color and five complimentary colors.



238.2310, -30.6799, -6.3416



250.2850, -9.0145, -2.0039



212.2360, -17.8643, 36.6270



124.7950, -5.8149, -1.5742



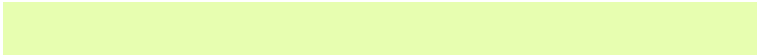
0.0000, 0.0000, 0.0000



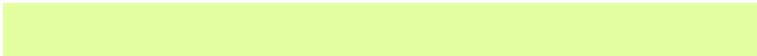
128.0000, 0.0000, 0.0000

Same Dimension

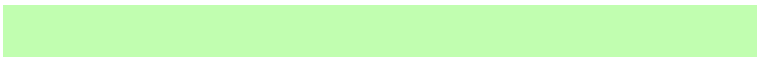
The Same Dimension uses a secret algorithm to generate beautiful new colors.



238.2310, -30.6799, -6.3416



235.9120, -36.9316, -7.8158



226.8690, -25.0784, -29.7031



125.3220, -5.0887, -1.1594



152.4820, -75.1736, -15.3317



51.0230, -25.1543, -5.2822

Inverse Universe

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



191.7690, 30.6799, 6.3416



179.7890, 37.0790, 7.2010



203.1310, 25.0784, 29.7031



117.6780, 5.0887, 1.1594



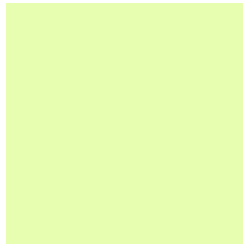
38.5180, 75.1736, 15.3317



12.9770, 25.1543, 5.2822

Previews

White Background



This preview shows how the YUV color 238.2310, -30.6799, -6.3416 looks on a white background.

Color Contrast Check

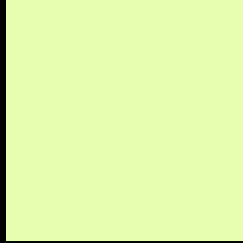
Large Text (above 18pt) WCAG AA × Fail

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 238.2310, -30.6799, -6.3416 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

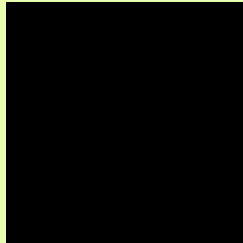
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

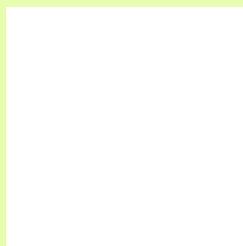
Any Text WCAG AAA ✓ Pass

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

YUV 238.2310, -30.6799, -6.3416 Background



This preview shows how black text looks on a background with the YUV color 238.2310, -30.6799, -6.3416.



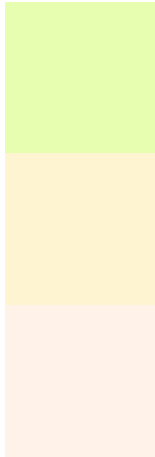
This preview shows how white text looks on a background with the YUV color 238.2310, -30.6799, -6.3416.

-6.3416.

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

238.2310, -30.6799, -6.3416

Protanopia

243.2990, -16.9094, 10.2618

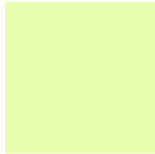
Deuteranopia

244.7470, -6.2843, 8.9919

Tritanopia

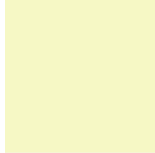
244.9550, 4.9522, -1.7145

Trichromacy



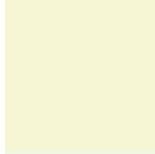
Original Color

238.2310, -30.6799, -6.3416



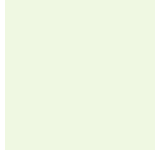
Protanomaly

241.5880, -21.9819, 3.8693



Deuteranomaly

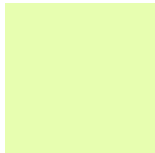
242.1240, -14.8511, 3.3993



Tritanomaly

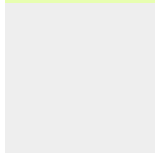
242.8010, -8.2829, -3.3335

Monochromacy



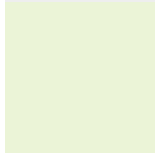
Original Color

238.2310, -30.6799, -6.3416



Achromatopsia

238.0000, 0.0000, 0.0000



Achromatomaly

238.0030, -11.3405, -2.6336

CSS Examples

Text

The CSS property to change the color of the text to YUV 238.2310, -30.6799, -6.3416 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(231, 254, 176)` looks like.

```
.text, #text, p{  
    color:rgb(231, 254, 176)  
}
```

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(231, 254, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 254, 176) }
```

Border

The CSS property to change the border of an element to YUV 238.2310, -30.6799, -6.3416 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(231, 254, 176) }
```


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

```
.border{ border-color:rgb(231, 254, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 254, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 254, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 254, 176);  
box-shadow:4px 4px 4px 4px rgb(231, 254,  
176) }
```

Background

The CSS property to change the background color of an element to YUV 238.2310, -30.6799, -6.3416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 254, 176) }
```

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

```
.background{ background-color: rgb(231,  
254, 176) }
```

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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