

Converting Colors

YUV(240.3000, -25.2909,
-8.1561)

Have a look what the booklet for
YUV(240.3000, -25.2909, -8.1561)
contains.

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Color

**YUV(240.3000, -25.2909,
-8.1561)**

Conversions

Conversions Part 1

Format	Color
Hex	E7FFBD
RGB	231, 255, 189
RGB Percent	91%, 100%, 74%
CMY	0.0941, 0.0000, 0.2588
CMYK	0.09, 0.00, 0.26, 0.00
HSL	82°, 100%, 87%
HSV	82°, 26%, 100%
XYZ	77.9003, 92.1830, 61.8314
YIQ	240.3000, 6.8820, -25.6140

Conversions

Conversions Part 2

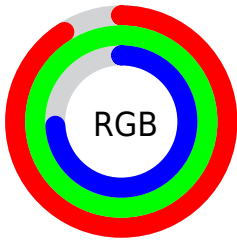
Format	Color
RYB	189, 255, 213
Decimal	15204285
CIELab	96.90, -18.70, 29.03
CIELCh	97, 34.528, 122.789
Yxy	92.1830, 0.3359, 0.3975
Android (android.graphics.Color)	4293394365 (0xFFE7FFBD)
YUV	240.3000, -25.2909, -8.1561
Hunter-Lab	96.0120, -23.1932, 29.0258

Details

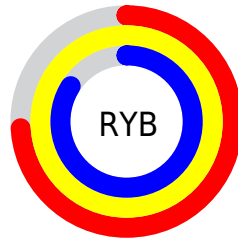
The YUV color $240.3000, -25.2909, -8.1561$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $203.7000, 25.2909, 8.1561$, and the grayscale version is $241.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.9740, -3.9312, 0.8998$, and $183.9410, -24.1279, -7.8413$ is the 20% darker color. If you saturate the color by 10%, you get $234.7590, -34.8842, -11.1896$, and if you desaturate by 10%, it is $245.9550, -15.2608, -5.2225$.

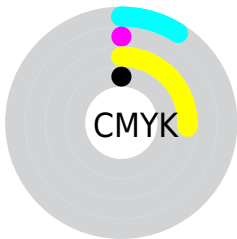
Distribution



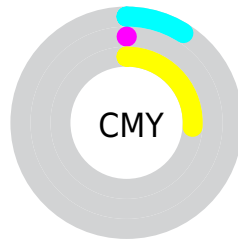
- Red (91%)
- Green (100%)
- Blue (74%)



- Red (74%)
- Yellow (100%)
- Blue (84%)



- Cyan (9%)
- Magenta (0%)
- Yellow (26%)
- Black (0%)



- Cyan (9%)
- Magenta (0%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 240.3000, -25.2909, -8.1561 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 240.3000, -25.2909, -8.1561 by changing the saturation by 10% instead.

■ 240.3000,
-25.2909, -8.1561

■ 240.3000,
-25.2909, -8.1561

255.0000, 0.0000,
0.0000

■ 211.8270,
-24.5647, -7.7413

■ 253.9740, -3.9312,
0.8998

■ 183.9410,
-24.1279, -7.8413

■ 157.1690,
-23.2543, -8.0412

■ 130.6960,
-22.5281, -7.6264

■ 105.5110,
-21.9439, -8.3411

■ 80.7390, -21.0703,
-8.5411

■ 57.1520, -20.7809,

-8.0263

■ 36.2490, -17.8708,
-8.1114

■ 16.4360, -8.1029,
-14.4144

■ 240.3000,
-25.2909, -8.1561

■ 240.3000,
-25.2909, -8.1561

■ 234.7590,
-34.8842, -11.1896

■ 245.9550,
-15.2608, -5.2225

■ 228.8050,
-44.7669, -14.7380

■ 251.7950, -5.8149,
-1.5742

■ 223.2640,
-54.3602, -17.7715

255.0000, 0.0000,
0.0000

■ 217.6090,
-64.3902, -20.7051

■ 212.0680,
-73.9835, -23.7386

■ 206.1140,
-83.8662, -27.2870

■ 200.5730,
-93.4595, -30.3205

■ 198.1230,
-97.6746, -31.6799

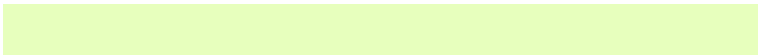
Harmonies

Analogous

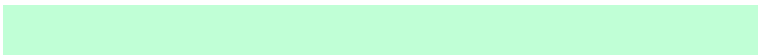
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



240.4660, -30.3027, 12.7463



240.3000, -25.2909, -8.1561



231.4890, -8.6221, -34.6319

Triad

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



240.3000, -25.2909, -8.1561



228.0900, 13.2666, -55.3299



234.3750, 4.7451, 18.0881

Complementary

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



240.3000, -25.2909, -8.1561



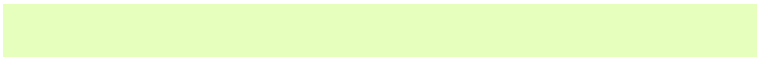
203.7000, 25.2909, 8.1561

Split Complementary

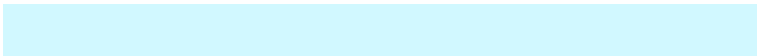
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



237.9770, 8.3923, 14.9292



240.3000, -25.2909, -8.1561



237.1370, 8.8065, -24.6761

Square

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



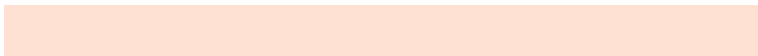
240.3000, -25.2909, -8.1561



222.1100, 16.2148, -67.6255



243.8470, 5.4984, 9.7812



232.3740, -10.5374, 19.8430

Rectangle

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



240.3000, -25.2909, -8.1561



227.1200, 4.3778, -50.9712



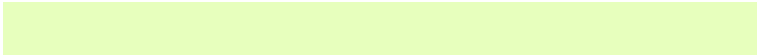
243.8470, 5.4984, 9.7812



235.6290, 9.5499, 16.9884

Sweetspot

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



240.3000, -25.2909, -8.1561



250.6270, -7.7041, -2.3039



222.2350, -16.3849, 28.7349



125.0230, -4.9413, -1.7742



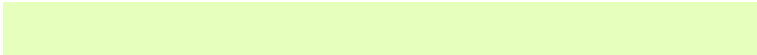
0.0000, 0.0000, 0.0000



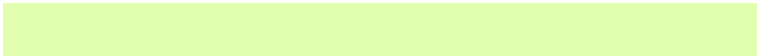
128.0000, 0.0000, 0.0000

Same Dimension

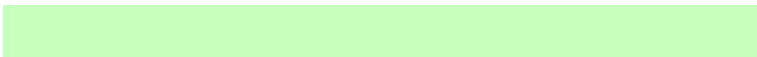
The Same Dimension uses a secret algorithm to generate beautiful new colors.



240.3000, -25.2909, -8.1561



237.3230, -30.2322, -9.9303



230.7320, -20.5739, -27.8290



125.0230, -4.9413, -1.7742



148.5950, -73.2573, -23.3238



49.8270, -24.5647, -7.7413

Inverse Universe

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



203.7000, 25.2909, 8.1561



193.6770, 30.2322, 9.9303



213.2680, 20.5739, 27.8290



117.6780, 5.0887, 1.1594



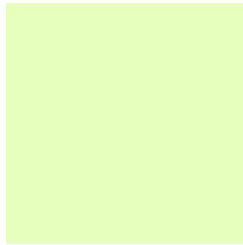
42.7040, 73.1099, 23.9386



14.1730, 24.5647, 7.7413

Previews

White Background



This preview shows how the YUV color 240.3000, -25.2909, -8.1561 looks on a white background.

Color Contrast Check

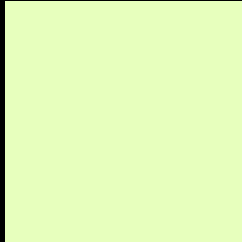
Large Text (above 18pt) WCAG AA × Fail

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 240.3000, -25.2909, -8.1561 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

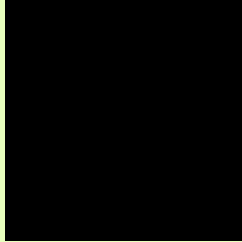
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

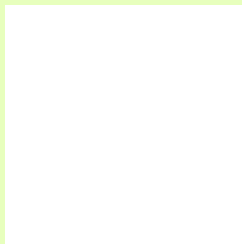
Any Text WCAG AAA ✓ Pass

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

YUV 240.3000, -25.2909, -8.1561 Background



This preview shows how black text looks on a background with the YUV color 240.3000, -25.2909, -8.1561.



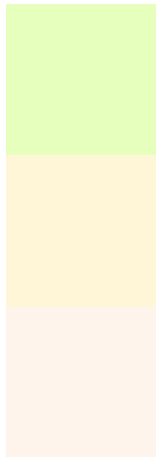
This preview shows how white text looks on a background with the YUV color 240.3000, -25.2909, -8.1561.

-8.1561.

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

240.3000, -25.2909, -8.1561

Protanopia

245.2710, -14.4306, 8.5323

Deuteranopia

246.3770, -5.1159, 7.5624

Tritanopia

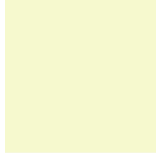
245.8410, 4.5154, -1.6146

Trichromacy



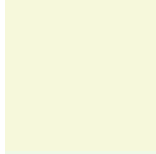
Original Color

240.3000, -25.2909, -8.1561



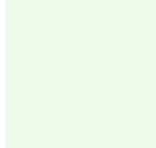
Protanomaly

243.2010, -18.3401, 2.4547



Deuteranomaly

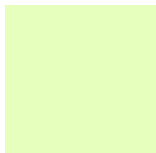
244.0960, -12.3723, 1.6698



Tritanomaly

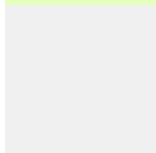
243.9580, -6.3883, -4.3482

Monochromacy



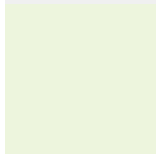
Original Color

240.3000, -25.2909, -8.1561



Achromatopsia

240.0000, 0.0000, 0.0000



Achromatomaly

239.8720, -9.3039, -2.5187

CSS Examples

Text

The CSS property to change the color of the text to YUV 240.3000, -25.2909, -8.1561 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, 255, 189)` looks like.

```
.text, #text, p{  
    color:rgb(231, 255, 189)  
}
```

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, 255, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 255, 189) }
```

Border

The CSS property to change the border of an element to YUV 240.3000, -25.2909, -8.1561 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, 255, 189) }
```


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

```
.border{ border-color:rgb(231, 255, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 255, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 255, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 255, 189);  
box-shadow:4px 4px 4px 4px rgb(231, 255,  
189) }
```

Background

The CSS property to change the background color of an element to YUV 240.3000, -25.2909, -8.1561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 255, 189) }
```

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

```
.background{ background-color: rgb(231,  
255, 189) }
```

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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