

# Converting Colors

YUV(230.4760, -32.2797,  
-6.5565)

Have a look what the booklet for  
YUV(230.4760, -32.2797, -6.5565)  
contains.

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# Color

**YUV(230.4760, -32.2797,  
-6.5565)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DFF7A5
RGB	223, 247, 165
RGB Percent	87%, 97%, 65%
CMY	0.1255, 0.0314, 0.3529
CMYK	0.10, 0.00, 0.33, 0.03
HSL	78°, 84%, 81%
HSV	78°, 33%, 97%
XYZ	70.4837, 84.9261, 48.2748
YIQ	230.4760, 12.0180, -30.5900

# Conversions

## Conversions Part 2

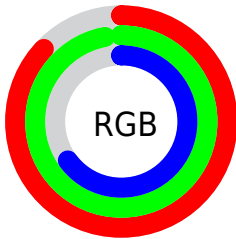
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	165, 247, 189
Decimal	14677925
CIE <sub>Lab</sub>	93.85, -20.93, 36.89
CIE <sub>LCh</sub>	94, 42.415, 119.561
Yxy	84.9261, 0.3460, 0.4169
Android (android.graphics.Color)	4292868005 (0xFFDFF7A5)
YUV	230.4760, -32.2797, -6.5565
Hunter-Lab	92.1554, -24.7487, 33.4502

# Details

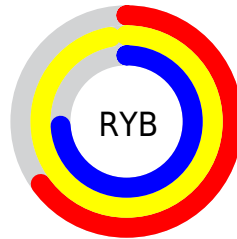
The YUV color  $230.4760, -32.2797, -6.5565$  is a light color, and the websafe version is hex  $CCFF99$ . A complement of this color would be  $181.5240, 32.2797, 6.5565$ , and the grayscale version is  $231.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $251.1240, -14.8511, 3.3993$ , and  $174.8180, -30.9693, -6.8564$  is the 20% darker color. If you saturate the color by 10%, you get  $225.5330, -42.1678, -8.3604$ , and if you desaturate by 10%, it is  $235.4190, -22.3916, -4.7525$ .

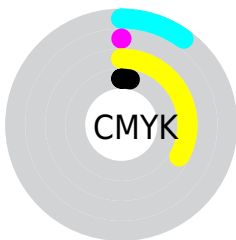
# Distribution



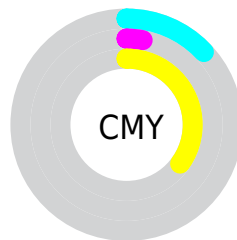
- Red (87%)
- Green (97%)
- Blue (65%)



- Red (65%)
- Yellow (97%)
- Blue (74%)



- Cyan (10%)
- Magenta (0%)
- Yellow (33%)
- Black (3%)



- Cyan (13%)
- Magenta (3%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 230.4760, -32.2797, -6.5565 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 230.4760, -32.2797, -6.5565 by changing the saturation by 10% instead.



230.4760,  
-32.2797, -6.5565

230.4760,  
-32.2797, -6.5565

255.0000, 0.0000,  
0.0000

202.0030,  
-31.5535, -6.1416

251.1240,  
-14.8511, 3.3993

174.8180,  
-30.9693, -6.8564

254.3160, -2.6208,  
0.5999

148.0460,  
-30.0957, -7.0563

121.2740,  
-29.2221, -7.2563

96.3880, -28.7853,  
-7.3563

71.3880, -28.7853,  
-7.3563

49.5280, -24.4173,

-8.3561

■ 29.1390, -14.3655,  
-12.3999

■ 12.9140, -6.3666,  
-11.3256

■ 230.4760,  
-32.2797, -6.5565

■ 230.4760,  
-32.2797, -6.5565

■ 225.5330,  
-42.1678, -8.3604

■ 235.4190,  
-22.3916, -4.7525

■ 220.7040,  
-51.6191, -10.2644

■ 240.2480,  
-12.9403, -2.8485

■ 215.4620,  
-61.3598, -12.6832

■ 245.4900, -3.1996,  
-0.4297

■ 210.5190,  
-71.2479, -14.4872

■ 249.4070, 2.7573,  
2.2741

■ 205.5760,  
-81.1360, -16.2912

■ 250.3040, 2.3151,  
4.1184

■ 200.7470,  
-90.5873, -18.1951

■ 197.3140,  
-97.2758, -19.5694

# Harmonies

## Analogous

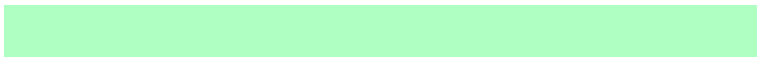
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



231.8600, -37.8920, 20.2938



230.4760, -32.2797, -6.5565



224.2400, -14.4153, -43.1835

# Triad

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



230.4760, -32.2797, -6.5565



212.8740, 20.7681, -81.4505



224.5270, 7.6282, 26.7248

# Complementary

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



230.4760, -32.2797, -6.5565



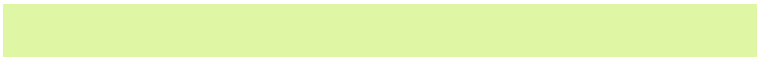
181.5240, 32.2797, 6.5565

# Split Complementary

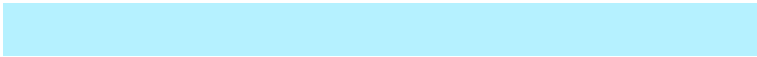
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



230.3460, 12.1544, 21.6216



230.4760, -32.2797, -6.5565



224.6560, 14.9596, -38.2863

# Square

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



230.4760, -32.2797, -6.5565



207.1600, 23.5851, -98.3643



234.6770, 10.0192, 6.4223



221.6140, -11.1487, 29.2795

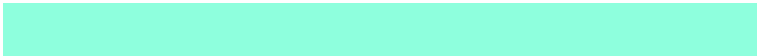


# Rectangle

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



230.4760, -32.2797, -6.5565



217.3370, 1.8059, -66.0705



234.6770, 10.0192, 6.4223



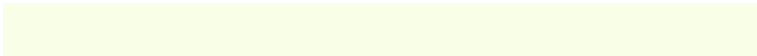
227.1830, 12.7278, 24.3955

# Sweetspot

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



230.4760, -32.2797, -6.5565



250.0570, -9.8881, -1.8040



203.0190, -18.7434, 38.5713



124.6810, -6.2517, -1.4742



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

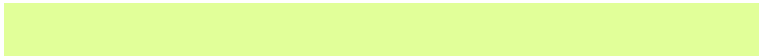


# Same Dimension

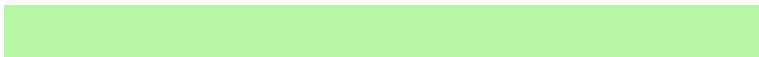
The Same Dimension uses a secret algorithm to generate beautiful new colors.



230.4760, -32.2797, -6.5565



234.4020, -40.1312, -8.2456



218.5160, -26.3834, -31.1475



119.7350, -4.7994, -0.6446



148.6500, -73.2844, -14.6020



46.8920, -23.1178, -5.1673



# Inverse Universe

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



181.5240, 32.2797, 6.5565



173.5980, 40.1312, 8.2456



193.4840, 26.3834, 31.1475



112.5640, 4.6519, 1.2594



37.3500, 73.2845, 14.6020

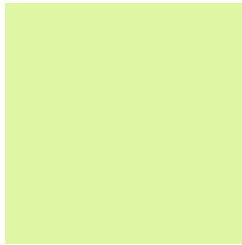


11.8090, 23.2652, 4.5525



# Previews

## White Background



This preview shows how the YUV color 230.4760, -32.2797, -6.5565 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

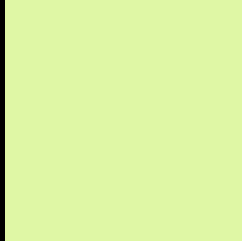
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 230.4760, -32.2797, -6.5565 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

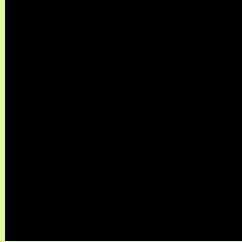
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

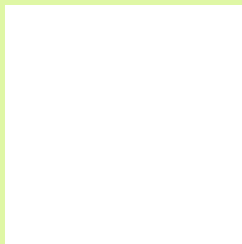
Any Text WCAG AAA ✓ Pass

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

# YUV 230.4760, -32.2797, -6.5565 Background



This preview shows how black text looks on a background with the YUV color 230.4760, -32.2797, -6.5565.



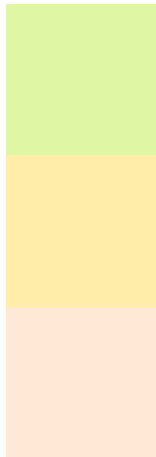
This preview shows how white text looks on a background with the YUV color 230.4760, -32.2797, -6.5565.

-6.5565.

# 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

230.4760, -32.2797, -6.5565

### Protanopia

234.6300, -32.3556, 17.8645

### Deuteranopia

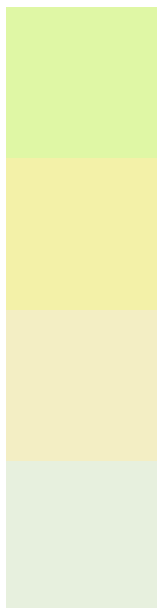
237.4120, -11.5421, 15.4247



## Tritanopia

237.7530, 8.0098, -2.4144

# Trichromacy



## Original Color

230.4760, -32.2797, -6.5565

## Protanomaly

233.2760, -32.1811, 8.5279

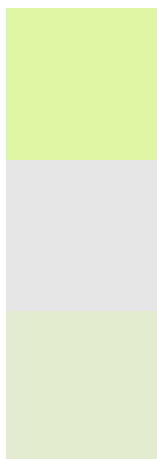
## Deuteranomaly

234.7070, -19.0826, 7.2730

## Tritanomaly

235.2570, -6.5357, -3.7334

# Monochromacy



## Original Color

230.4760, -32.2797, -6.5565

## Achromatopsia

230.0000, 0.0000, 0.0000

## Achromatomaly

229.8890, -11.7773, -2.5337

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 230.4760, -32.2797, -6.5565 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(223, 247, 165)` looks like.

```
.text, #text, p{  
    color:rgb(223, 247, 165)  
}
```

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(223, 247, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 247, 165) }
```

## Border

The CSS property to change the border of an element to YUV 230.4760, -32.2797, -6.5565 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(223, 247, 165) }
```



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

```
.border{ border-color:rgb(223, 247, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 247, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 247, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 247, 165);  
box-shadow:4px 4px 4px 4px rgb(223, 247,  
165) }
```

# Background

The CSS property to change the background color of an element to YUV 230.4760, -32.2797, -6.5565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 247, 165) }
```

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

```
.background{ background-color: rgb(223,  
247, 165) }
```

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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