

Converting Colors

YUV(237.3090, -2.1243,
-18.6880)

Have a look what the booklet for
YUV(237.3090, -2.1243, -18.6880)
contains.

YUV(237.3090, -2.1243, -18.6880)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(237.3090, -2.1243,
-18.6880)**

Conversions

Conversions Part 1

Format	Color
Hex	D8F9E9
RGB	216, 249, 233
RGB Percent	85%, 98%, 91%
CMY	0.1529, 0.0235, 0.0863
CMYK	0.13, 0.00, 0.06, 0.02
HSL	151°, 73%, 91%
HSV	151°, 13%, 98%
XYZ	76.9026, 88.2335, 90.0684
YIQ	237.3090, -14.5320, -11.9720

Conversions

Conversions Part 2

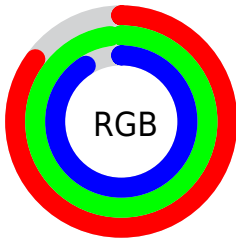
Format	Color
R _Y B	216, 238, 249
Decimal	14219753
CIE Lab	95.26, -13.65, 4.08
CIE LCh	95, 14.250, 163.356
Yxy	88.2335, 0.3013, 0.3457
Android (android.graphics.Color)	4292409833 (0xFFD8F9E9)
YUV	237.3090, -2.1243, -18.6880
Hunter-Lab	93.9327, -18.2445, 8.9020

Details

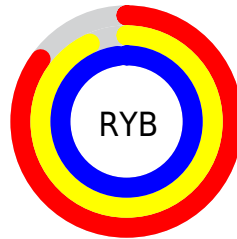
The YUV color $237.3090, -2.1243, -18.6880$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $227.6910, 2.1243, 18.6880$, and the grayscale version is $237.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $181.6080, -2.2717, -18.0732$ is the 20% darker color. If you saturate the color by 10%, you get $228.4660, -3.6807, -32.8577$, and if you desaturate by 10%, it is $246.1520, -0.5679, -4.5183$.

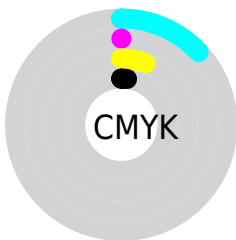
Distribution



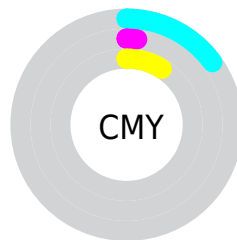
- Red (85%)
- Green (98%)
- Blue (91%)



- Red (85%)
- Yellow (93%)
- Blue (98%)



- Cyan (13%)
- Magenta (0%)
- Yellow (6%)
- Black (2%)



- Cyan (15%)
- Magenta (2%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 237.3090, -2.1243, -18.6880 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 237.3090, -2.1243, -18.6880 by changing the saturation by 10% instead.

■ 237.3090, -2.1243,
-18.6880

■ 237.3090, -2.1243,
-18.6880

255.0000, 0.0000,
0.0000

■ 208.7220, -1.8349,
-18.1732

■ 181.6080, -2.2717,
-18.0732

■ 154.4340, -1.6930,
-17.0436

■ 128.4340, -1.6930,
-17.0436

■ 102.8470, -1.4036,
-16.5288

■ 79.1460, -1.5510,
-15.9140

■ 55.5590, -1.2616,

-15.3992

■ 33.6730, -0.8248,
-15.4992

■ 15.1140, -3.0142,
-13.2550

■ 237.3090, -2.1243,
-18.6880

■ 237.3090, -2.1243,
-18.6880

■ 228.4660, -3.6807,
-32.8577

■ 246.1520, -0.5679,
-4.5183

■ 219.6230, -5.2371,
-47.0274

■ 251.4780, 1.7363,
3.0888

■ 210.7800, -6.7935,
-61.1971

■ 201.9370, -8.3499,
-75.3667

■ 193.3930,
-10.0537, -88.9217

■ 184.5500,
-11.6101, -103.0913

■ 175.5930,
-13.6033, -117.1611

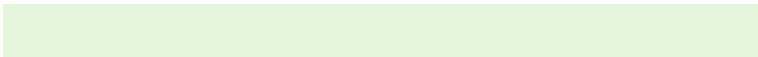
■ 166.7500,
-15.1597, -131.3307

■ 160.7550,
-16.1482, -140.9821

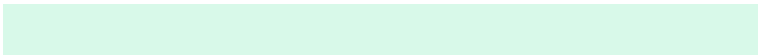
Harmonies

Analogous

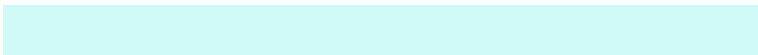
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



238.3660, -8.5614, -7.3370



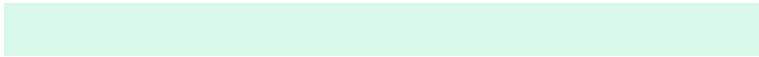
237.3090, -2.1243, -18.6880



237.1000, 4.8807, -25.5207

Triad

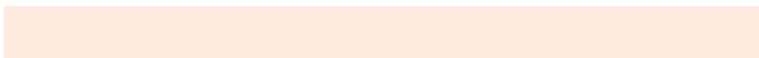
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



237.3090, -2.1243, -18.6880



240.2150, 7.2890, -4.5736



239.0250, -7.9003, 14.0101

Complementary

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



237.3090, -2.1243, -18.6880



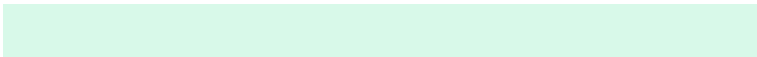
227.6910, 2.1243, 18.6880

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.



239.3330, -1.6432, 13.7400



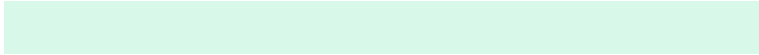
237.3090, -2.1243, -18.6880



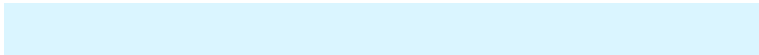
242.9500, 5.9407, 7.9369

Square

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



237.3090, -2.1243, -18.6880



238.0670, 8.3480, -17.5988



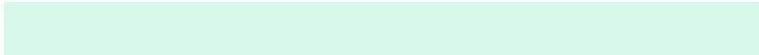
241.5160, 4.1826, 11.8255



240.4610, -12.5523, 12.7507

Rectangle

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



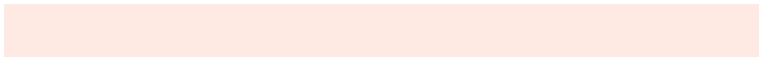
237.3090, -2.1243, -18.6880



237.1260, 8.8119, -26.4205



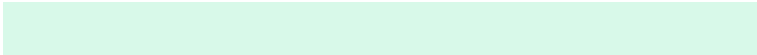
241.5160, 4.1826, 11.8255



238.8940, -5.8637, 14.1250

Sweetspot

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



237.3090, -2.1243, -18.6880



251.4400, -0.7099, -5.6479



240.4540, -12.0558, -6.5372



125.4510, -0.7153, -3.9035



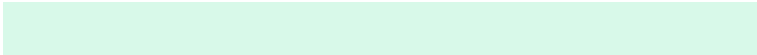
0.0000, 0.0000, 0.0000



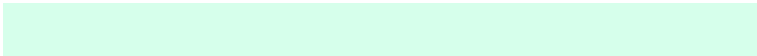
128.0000, 0.0000, 0.0000

Same Dimension

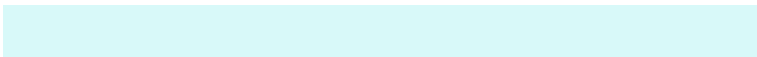
The Same Dimension uses a secret algorithm to generate beautiful new colors.



237.3090, -2.1243, -18.6880



240.4610, -2.6923, -23.2063



239.1330, 4.8644, -20.2876



120.4290, -0.7045, -7.3922



122.0010, -12.3255, -106.9949



39.4550, -3.6753, -34.6020

Inverse Universe

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



227.6910, 2.1243, 18.6880



228.5390, 2.6923, 23.2063



225.8670, -4.8644, 20.2876



116.6850, 1.1413, 7.2923



66.8850, 11.8887, 107.0949



21.6590, 4.1121, 34.5021

Previews

White Background



This preview shows how the YUV color 237.3090, -2.1243, -18.6880 looks on a white background.

Color Contrast Check

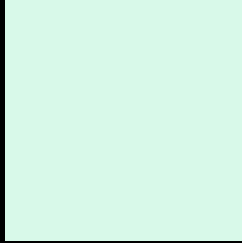
Large Text (above 18pt) WCAG AA × Fail

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 237.3090, -2.1243, -18.6880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

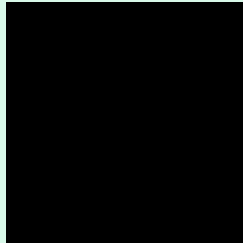
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

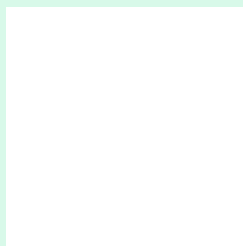
Any Text WCAG AAA ✓ Pass

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

YUV 237.3090, -2.1243, -18.6880 Background



This preview shows how black text looks on a background with the YUV color 237.3090, -2.1243, -18.6880.



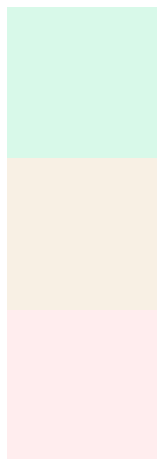
This preview shows how white text looks on a background with the YUV color 237.3090, -2.1243, -18.6880.

-18.6880.

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

237.3090, -2.1243, -18.6880

Protanopia

241.0240, -6.4208, 6.1180

Deuteranopia

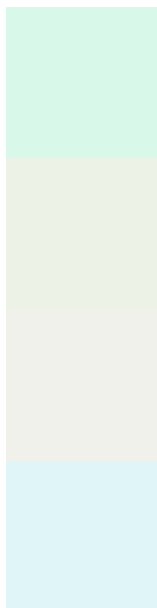
242.4960, -2.2165, 10.9660



Tritanopia

240.1820, 7.3053, -9.8066

Trichromacy



Original Color

237.3090, -2.1243, -18.6880

Protanomaly

239.4250, -4.6465, -3.0037

Deuteranomaly

240.4300, -2.1840, 0.4999

Tritanomaly

238.9490, 3.9691, -13.1103

Monochromacy



Original Color

237.3090, -2.1243, -18.6880

Achromatopsia

237.0000, 0.0000, 0.0000

Achromatomaly

236.8420, -0.4151, -6.8774

CSS Examples

Text

The CSS property to change the color of the text to YUV 237.3090, -2.1243, -18.6880 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(216, 249, 233)` looks like.

```
.text, #text, p{  
    color:rgb(216, 249, 233)  
}
```

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(216, 249, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 249, 233) }
```

Border

The CSS property to change the border of an element to YUV 237.3090, -2.1243, -18.6880 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(216, 249, 233) }
```


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

```
.border{ border-color:rgb(216, 249, 233) }
```

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

Here you see how a box with a 4 pixel rgb(216, 249, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 249, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 249, 233);  
box-shadow:4px 4px 4px 4px rgb(216, 249,  
233) }
```

Background

The CSS property to change the background color of an element to YUV 237.3090, -2.1243, -18.6880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 249, 233) }
```

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

```
.background{ background-color: rgb(216,  
249, 233) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor