

Converting Colors

YUV(233.0970, -0.5408,
-13.2401)

Have a look what the booklet for
YUV(233.0970, -0.5408, -13.2401)
contains.

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Color

**YUV(233.0970, -0.5408,
-13.2401)**

Conversions

Conversions Part 1

Format	Color
Hex	DAF1E8
RGB	218, 241, 232
RGB Percent	85%, 95%, 91%
CMY	0.1451, 0.0549, 0.0902
CMYK	0.10, 0.00, 0.04, 0.05
HSL	157°, 45%, 90%
HSV	157°, 10%, 95%
XYZ	74.9342, 83.6422, 88.5390
YIQ	233.0970, -10.8190, -7.6750

Conversions

Conversions Part 2

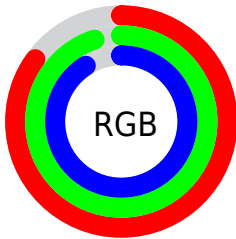
Format	Color
R _Y B	218, 232, 241
Decimal	14348776
CIE Lab	93.29, -9.20, 1.76
CIE LCh	93, 9.363, 169.144
Yxy	83.6422, 0.3032, 0.3385
Android (android.graphics.Color)	4292538856 (0xFFDAF1E8)
YUV	233.0970, -0.5408, -13.2401
Hunter-Lab	91.4561, -13.7949, 6.6204

Details

The YUV color $233.0970, -0.5408, -13.2401$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $225.9030, 0.5408, 13.2401$, and the grayscale version is $233.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $177.3960, -0.6882, -12.6253$ is the 20% darker color. If you saturate the color by 10%, you get $224.8950, -0.9342, -27.0949$, and if you desaturate by 10%, it is $241.2990, -0.1474, 0.6148$.

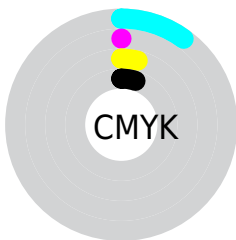
Distribution



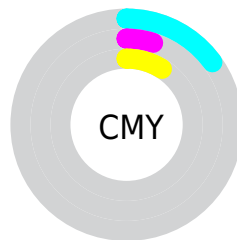
- Red (85%)
- Green (95%)
- Blue (91%)



- Red (85%)
- Yellow (91%)
- Blue (95%)



- Cyan (10%)
- Magenta (0%)
- Yellow (4%)
- Black (5%)



- Cyan (15%)
- Magenta (5%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 233.0970, -0.5408, -13.2401 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 233.0970, -0.5408, -13.2401 by changing the saturation by 10% instead.

■ 233.0970, -0.5408,
-13.2401

■ 233.0970, -0.5408,
-13.2401

255.0000, 0.0000,
0.0000

■ 205.0970, -0.5408,
-13.2401

■ 177.3960, -0.6882,
-12.6253

■ 150.8090, -0.3988,
-12.1105

■ 124.8090, -0.3988,
-12.1105

■ 100.1080, -0.5462,
-11.4957

■ 75.5210, -0.2569,
-10.9809

■ 52.9340, 0.0325,

-10.4661

■ 31.8200, -0.4043,
-10.3661

■ 10.7770, -1.8621,
-9.4514

■ 233.0970, -0.5408,
-13.2401

■ 233.0970, -0.5408,
-13.2401

■ 224.8950, -0.9342,
-27.0949

■ 241.2990, -0.1474,
0.6148

■ 216.5790, -1.7644,
-40.8498

■ 246.3260, 2.3043,
7.6071

■ 208.3770, -2.1579,
-54.7046

■ 246.7820, 4.0515,
7.2072

■ 200.0610, -2.9881,
-68.4595

■ 191.8590, -3.3815,
-82.3143

■ 183.2440, -4.0643,
-96.6840

■ 175.0420, -4.4577,
-110.5388

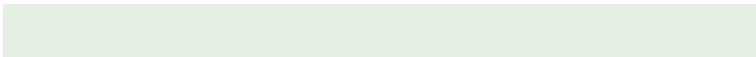
■ 166.8400, -4.8511,
-124.3937

■ 158.5240, -5.6813,
-138.1485

Harmonies

Analogous

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



233.7020, -4.7831, -5.8777



233.0970, -0.5408, -13.2401



232.9270, 3.9800, -16.5990

Triad

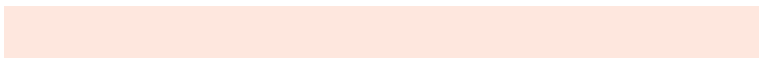
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



233.0970, -0.5408, -13.2401



236.7530, 8.0098, -2.4144



236.8510, -7.3215, 15.0397

Complementary

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



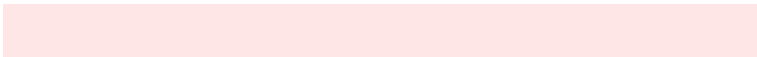
233.0970, -0.5408, -13.2401



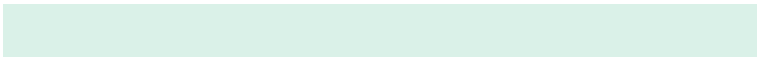
225.9030, 0.5408, 13.2401

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.



237.4750, -3.6852, 15.3694



233.0970, -0.5408, -13.2401



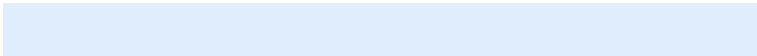
237.4120, 5.2199, 5.7777

Square

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



233.0970, -0.5408, -13.2401



234.6380, 9.0525, -10.2065



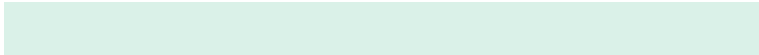
237.6040, 0.6882, 12.6253



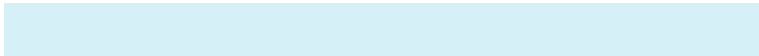
236.0630, -8.9051, 9.5917

Rectangle

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



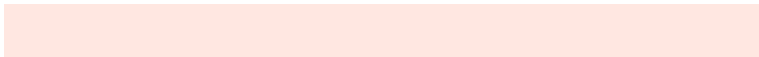
233.0970, -0.5408, -13.2401



233.0240, 6.8902, -16.6840



237.6040, 0.6882, 12.6253



237.4920, -6.1586, 15.3545

Sweetspot

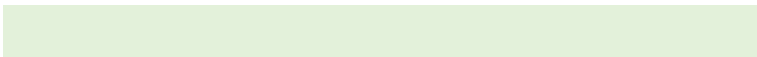
The Sweet Spot groups the original color and five complimentary colors.



233.0970, -0.5408, -13.2401



252.2660, -0.1311, -4.6183



234.1920, -7.9827, -6.3074



125.9780, 0.0108, -3.4887



0.0000, 0.0000, 0.0000



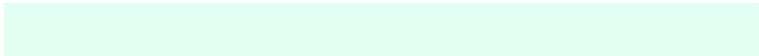
128.0000, 0.0000, 0.0000

Same Dimension

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



233.0970, -0.5408, -13.2401



245.3740, -0.6774, -16.1140



232.9490, 3.9691, -13.1103



115.8420, -0.4151, -6.8774



120.7760, -4.3266, -105.9206



36.7480, -1.3548, -32.2280

Inverse Universe

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



225.9030, 0.5408, 13.2401



236.6260, 0.6774, 16.1140



226.0510, -3.9691, 13.1103



112.1580, 0.4151, 6.8774



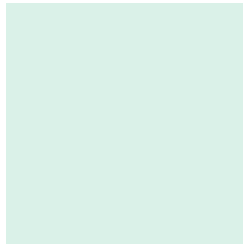
63.2240, 4.3266, 105.9206



19.2520, 1.3548, 32.2280

Previews

White Background



This preview shows how the YUV color 233.0970, -0.5408, -13.2401 looks on a white background.

Color Contrast Check

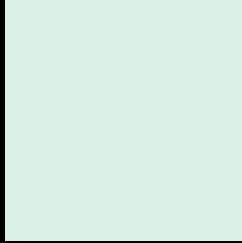
Large Text (above 18pt) WCAG AA × Fail

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 233.0970, -0.5408, -13.2401 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

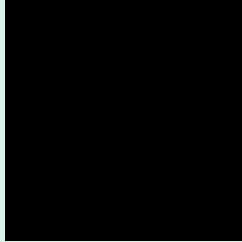
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

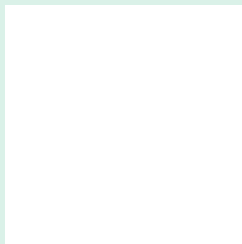
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 233.0970, -0.5408, -13.2401

Background



This preview shows how black text looks on a background with the YUV color 233.0970, -0.5408, -13.2401.



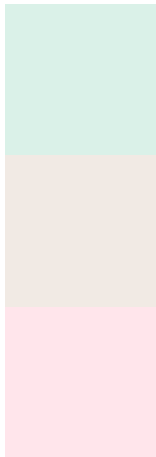
This preview shows how white text looks on a background with the YUV color 233.0970, -0.5408,

-13.2401.

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

233.0970, -0.5408, -13.2401

Protanopia

235.4090, -3.6526, 4.9033

Deuteranopia

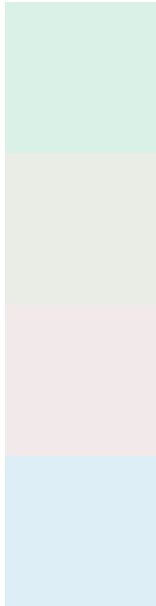
237.4580, -1.2118, 15.3843



Tritanopia

234.8660, 9.9261, -10.4065

Trichromacy



Original Color

233.0970, -0.5408, -13.2401

Protanomaly

234.8920, -2.9048, -1.6593

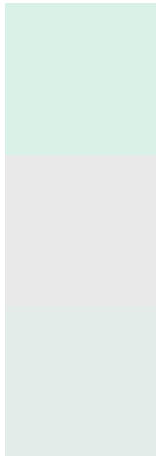
Deuteranomaly

235.8050, -0.8899, 5.4330

Tritanomaly

233.9430, 6.4371, -11.3510

Monochromacy



Original Color

233.0970, -0.5408, -13.2401

Achromatopsia

233.0000, 0.0000, 0.0000

Achromatomaly

233.2660, -0.1311, -4.6183

CSS Examples

Text

The CSS property to change the color of the text to YUV 233.0970, -0.5408, -13.2401 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(218, 241, 232)` looks like.

```
.text, #text, p{  
    color:rgb(218, 241, 232)  
}
```

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(218, 241, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 241, 232) }
```

Border

The CSS property to change the border of an element to YUV 233.0970, -0.5408, -13.2401 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(218, 241, 232) }
```


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

```
.border{ border-color:rgb(218, 241, 232) }
```

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

Here you see how a box with a 4 pixel rgb(218, 241, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 241, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 241, 232);  
box-shadow:4px 4px 4px 4px rgb(218, 241,  
232) }
```

Background

The CSS property to change the background color of an element to YUV 233.0970, -0.5408, -13.2401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 241, 232) }
```

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

```
.background{ background-color: rgb(218,  
241, 232) }
```

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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