

Converting Colors

YUV(232.9270, 3.9800,
-16.5990)

Have a look what the booklet for
YUV(232.9270, 3.9800, -16.5990)
contains.

YUV(232.9270, 3.9800, -16.5990)	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(232.9270, 3.9800,
-16.5990)**

Conversions

Conversions Part 1

Format	Color
Hex	D6F1F1
RGB	214, 241, 241
RGB Percent	84%, 95%, 95%
CMY	0.1608, 0.0549, 0.0549
CMYK	0.11, 0.00, 0.00, 0.05
HSL	180°, 49%, 89%
HSV	180°, 11%, 95%
XYZ	75.0640, 83.5576, 95.3910
YIQ	232.9270, -16.0920, -5.7240

Conversions

Conversions Part 2

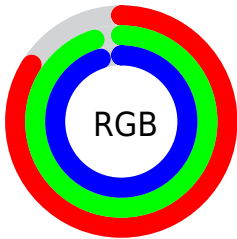
Format	Color
R_{YB}	214, 228, 241
Decimal	14086641
CIE Lab	93.26, -8.77, -3.00
CIE LCh	93, 9.268, 198.863
Yxy	83.5576, 0.2955, 0.3290
Android (android.graphics.Color)	4292276721 (0xFFD6F1F1)
YUV	232.9270, 3.9800, -16.5990
Hunter-Lab	91.4099, -13.3864, 2.1146

Details

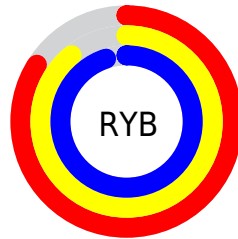
The YUV color $232.9270, 3.9800, -16.5990$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $222.0730, -3.9800, 16.5990$, and the grayscale version is $233.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $177.2260, 3.8326, -15.9842$ is the 20% darker color. If you saturate the color by 10%, you get $225.7510, 7.5178, -31.3536$, and if you desaturate by 10%, it is $240.1030, 0.4422, -1.8443$.

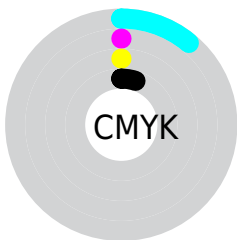
Distribution



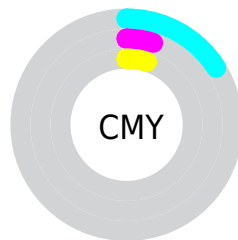
- Red (84%)
- Green (95%)
- Blue (95%)



- Red (84%)
- Yellow (89%)
- Blue (95%)



- Cyan (11%)
- Magenta (0%)
- Yellow (0%)
- Black (5%)



- Cyan (16%)
- Magenta (5%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 232.9270, 3.9800, -16.5990 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 232.9270, 3.9800, -16.5990 by changing the saturation by 10% instead.

232.9270, 3.9800,
-16.5990

232.9270, 3.9800,
-16.5990

255.0000, 0.0000,
0.0000

204.9270, 3.9800,
-16.5990

177.2260, 3.8326,
-15.9842

150.5250, 3.6852,
-15.3694

124.5250, 3.6852,
-15.3694

99.8240, 3.5378,
-14.7546

75.2370, 3.8272,
-14.2398

52.5360, 3.6798,

-13.6251

■ 31.1230, 3.3904,
-14.1399

■ 11.9170, 2.5059,
-10.4512

■ 232.9270, 3.9800,
-16.5990

■ 232.9270, 3.9800,
-16.5990

■ 225.7510, 7.5178,
-31.3536

■ 240.1030, 0.4422,
-1.8443

■ 218.5750, 11.0555,
-46.1083

■ 245.1860, -2.0637,
8.6069

■ 211.3990, 14.5933,
-60.8629

■ 204.2230, 18.1311,
-75.6176

■ 197.0470, 21.6688,
-90.3722

■ 189.5720, 25.3540,
-105.7416

■ 182.3960, 28.8918,
-120.4963

■ 175.2200, 32.4295,
-135.2509

■ 168.9410, 35.5251,
-148.1613

Harmonies

Analogous

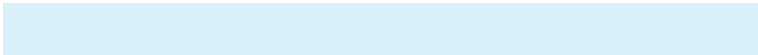
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



233.0970, -0.5408, -13.2401



232.9270, 3.9800, -16.5990



233.8500, 7.4690, -15.6544

Triad

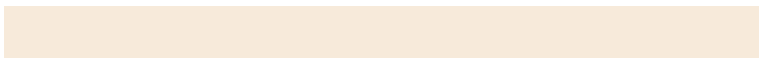
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



232.9270, 3.9800, -16.5990



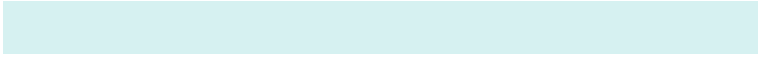
237.2980, 4.7831, 5.8777



236.0630, -8.9051, 9.5917

Complementary

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



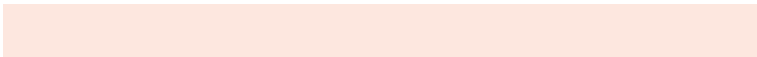
232.9270, 3.9800, -16.5990



222.0730, -3.9800, 16.5990

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.



236.6660, -6.7373, 14.3249



232.9270, 3.9800, -16.5990



237.6040, 0.6882, 12.6253

Square

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



232.9270, 3.9800, -16.5990



235.7530, 8.0098, -2.4144



237.4750, -3.6852, 15.3694



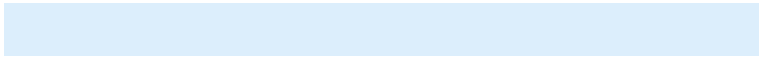
234.9480, -7.8624, 1.7996

Rectangle

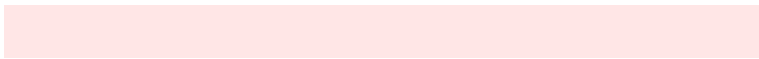
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



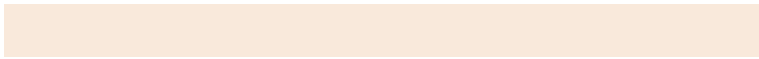
232.9270, 3.9800, -16.5990



234.2140, 8.7685, -12.4657



237.4750, -3.6852, 15.3694



236.1880, -8.4737, 11.2361

Sweetspot

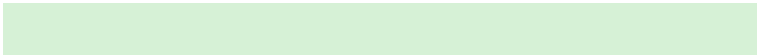
The Sweet Spot groups the original color and five complimentary colors.



232.9270, 3.9800, -16.5990



252.6080, 1.1793, -4.9182



229.8490, -7.8136, -13.8996



126.2060, 0.8844, -3.6887



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.



232.9270, 3.9800, -16.5990



245.1330, 4.8644, -20.2876



224.7090, 8.0315, -9.3918



116.4120, 1.7689, -7.3773



128.9840, 27.1229, -113.1190



39.2560, 8.2548, -34.4275

Inverse Universe

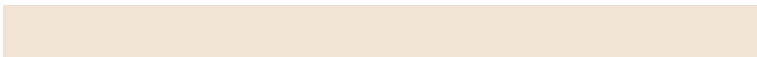
The Inverse Universe completely reimagines the original color for something new.



225.1510, 7.8136, 13.8996



235.6290, 9.5499, 16.9884



229.7040, -7.7421, 9.9066



112.9560, 3.4727, 6.1776



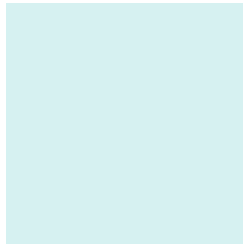
75.9920, 53.2479, 94.7230



23.1280, 16.2059, 28.8287

Previews

White Background



This preview shows how the YUV color 232.9270, 3.9800, -16.5990 looks on a white background.

Color Contrast Check

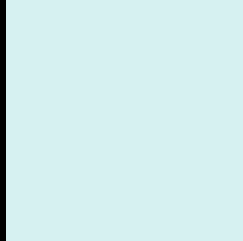
Large Text (above 18pt) WCAG AA × Fail

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 232.9270, 3.9800, -16.5990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

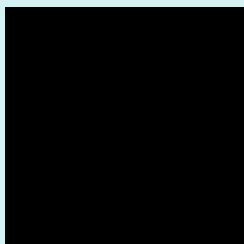
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

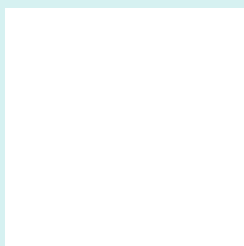
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 232.9270, 3.9800, -16.5990

Background



This preview shows how black text looks on a background with the YUV color 232.9270, 3.9800, -16.5990.



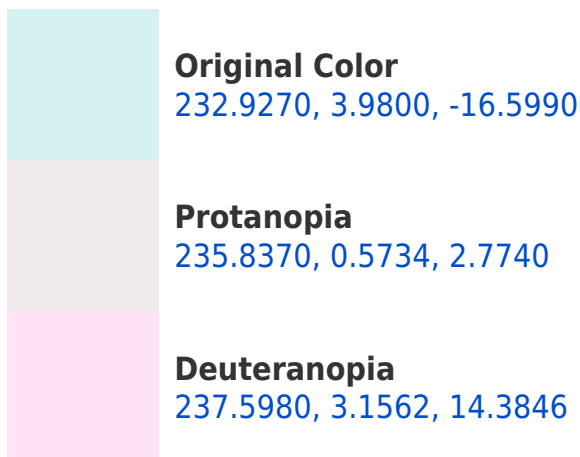
This preview shows how white text looks on a background with the YUV color 232.9270, 3.9800,

-16.5990.

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

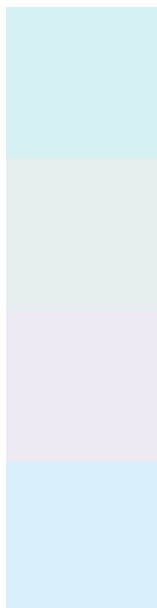




Tritanopia

234.2570, 10.2263, -13.3804

Trichromacy



Original Color

232.9270, 3.9800, -16.5990

Protanomaly

235.0210, 1.4686, -4.4034

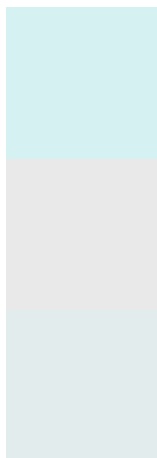
Deuteranomaly

235.9340, 3.4835, 2.6889

Tritanomaly

233.6760, 8.0477, -14.6249

Monochromacy



Original Color

232.9270, 3.9800, -16.5990

Achromatopsia

233.0000, 0.0000, 0.0000

Achromatomaly

233.0100, 1.4741, -6.1478

CSS Examples

Text

The CSS property to change the color of the text to YUV 232.9270, 3.9800, -16.5990 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(214, 241, 241)` looks like.

```
.text, #text, p{  
    color:rgb(214, 241, 241)  
}
```

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(214, 241, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 241, 241) }
```

Border

The CSS property to change the border of an element to YUV 232.9270, 3.9800, -16.5990 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(214, 241, 241) }
```


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

```
.border{ border-color:rgb(214, 241, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 241, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 241, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 241, 241);  
box-shadow:4px 4px 4px 4px rgb(214, 241,  
241) }
```

Background

The CSS property to change the background color of an element to YUV 232.9270, 3.9800, -16.5990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 241, 241) }
```

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

```
.background{ background-color: rgb(214,  
241, 241) }
```

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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