

Converting Colors

YUV(242.1230, 3.3904,
-14.1399)

Have a look what the booklet for
YUV(242.1230, 3.3904, -14.1399)
contains.

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Color

**YUV(242.1230, 3.3904,
-14.1399)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | E2F9F9 |
| RGB | 226, 249, 249 |
| RGB Percent | 89%, 98%, 98% |
| CMY | 0.1137, 0.0235, 0.0235 |
| CMYK | 0.09, 0.00, 0.00, 0.02 |
| HSL | 180°, 66%, 93% |
| HSV | 180°, 9%, 98% |
| XYZ | 82.3386, 90.7597, 102.8012 |
| YIQ | 242.1230, -13.7080, -4.8760 |

Conversions

Conversions Part 2

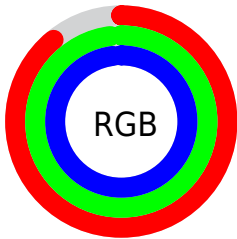
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 226, 238, 249 |
| Decimal | 14875129 |
| CIE Lab | 96.31, -7.46, -2.57 |
| CIE LCh | 96, 7.887, 198.980 |
| Yxy | 90.7597, 0.2984, 0.3290 |
| Android (android.graphics.Color) | 4293065209 (0xFFE2F9F9) |
| YUV | 242.1230, 3.3904, -14.1399 |
| Hunter-Lab | 95.2679, -12.4439, 2.7091 |

Details

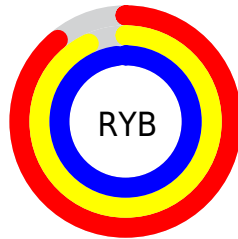
The YUV color $242.1230, 3.3904, -14.1399$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $232.8770, -3.3904, 14.1399$, and the grayscale version is $242.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $186.4220, 3.2430, -13.5251$ is the 20% darker color. If you saturate the color by 10%, you get $234.6480, 7.0755, -29.5093$, and if you desaturate by 10%, it is $249.5980, -0.2948, 1.2296$.

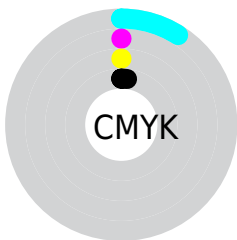
Distribution



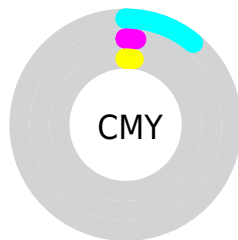
- Red (89%)
- Green (98%)
- Blue (98%)



- Red (89%)
- Yellow (93%)
- Blue (98%)



- Cyan (9%)
- Magenta (0%)
- Yellow (0%)
- Black (2%)



- Cyan (11%)
- Magenta (2%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 242.1230, 3.3904, -14.1399 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 242.1230, 3.3904, -14.1399 by changing the saturation by 10% instead.

■ 242.1230, 3.3904,
-14.1399

■ 242.1230, 3.3904,
-14.1399

255.0000, 0.0000,
0.0000

■ 213.4220, 3.2430,
-13.5251

■ 186.4220, 3.2430,
-13.5251

■ 158.7210, 3.0955,
-12.9103

■ 132.7210, 3.0955,
-12.9103

■ 107.7210, 3.0955,
-12.9103

■ 83.0200, 2.9481,
-12.2955

■ 60.3190, 2.8007,

-11.6808

■ 38.3190, 2.8007,
-11.6808

■ 16.4220, 3.2430,
-13.5251

■ 242.1230, 3.3904,
-14.1399

■ 242.1230, 3.3904,
-14.1399

■ 234.6480, 7.0755,
-29.5093

■ 249.5980, -0.2948,
1.2296

■ 227.1730, 10.7607,
-44.8787

■ 250.7940, -0.8844,
3.6887

■ 219.6980, 14.4459,
-60.2481

■ 212.2230, 18.1311,
-75.6176

■ 205.0470, 21.6688,
-90.3722

■ 197.5720, 25.3540,
-105.7416

■ 190.0970, 29.0392,
-121.1111

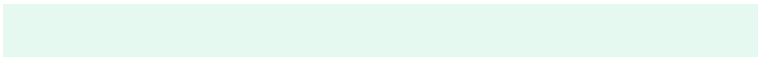
■ 182.6220, 32.7244,
-136.4805

■ 175.1470, 36.4095,
-151.8499

Harmonies

Analogous

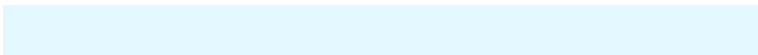
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



242.1080, -0.5462, -11.4957



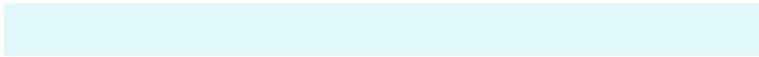
242.1230, 3.3904, -14.1399



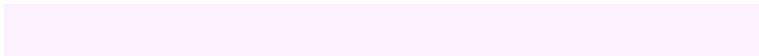
242.8180, 6.0057, -12.9954

Triad

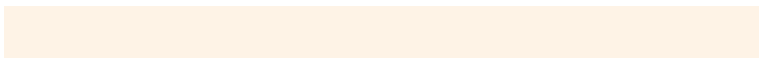
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



242.1230, 3.3904, -14.1399



245.7710, 4.0569, 5.4628



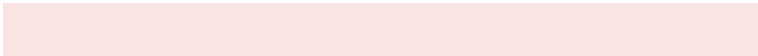
244.8070, -7.2999, 8.0623

Complementary

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



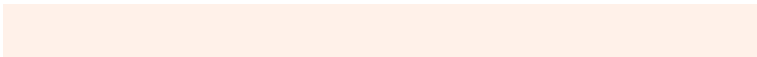
242.1230, 3.3904, -14.1399



232.8770, -3.3904, 14.1399

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.



244.2740, -5.5581, 9.4067



242.1230, 3.3904, -14.1399



245.2830, 0.8465, 8.5218

Square

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



242.1230, 3.3904, -14.1399



244.3680, 5.2416, -1.1997



243.8980, -1.9217, 9.7365



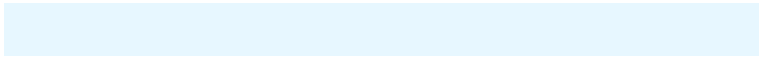
243.5890, -6.6994, 2.1144

Rectangle

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



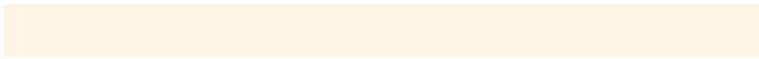
242.1230, 3.3904, -14.1399



243.1280, 5.8529, -10.6363



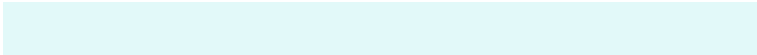
243.8980, -1.9217, 9.7365



244.5190, -7.1579, 9.1918

Sweetspot

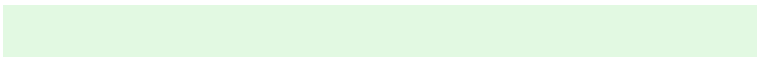
The Sweet Spot groups the original color and five complimentary colors.



242.1230, 3.3904, -14.1399



252.6080, 1.1793, -4.9182



239.5010, -6.6560, -11.8404



126.2060, 0.8844, -3.6887



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

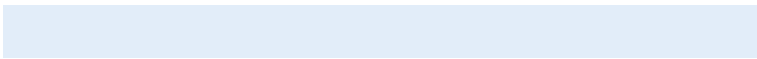
The Same Dimension uses a secret algorithm to generate beautiful new colors.



242.1230, 3.3904, -14.1399



246.6280, 4.1274, -17.2138



235.0790, 6.8631, -7.9623



121.1130, 1.9163, -7.9921



132.4890, 27.8599, -116.1929



42.7610, 8.9918, -37.5014

Inverse Universe

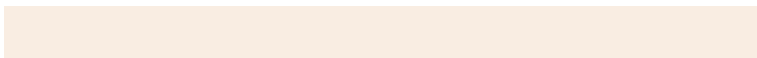
The Inverse Universe completely reimagines the original color for something new.



235.4990, 6.6560, 11.8404



238.5640, 8.1029, 14.4144



239.3340, -6.5737, 8.4771



117.3690, 3.7621, 6.6924



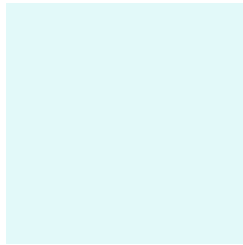
78.0570, 54.6949, 97.2970



25.1930, 17.6529, 31.4027

Previews

White Background



This preview shows how the YUV color 242.1230, 3.3904, -14.1399 looks on a white background.

Color Contrast Check

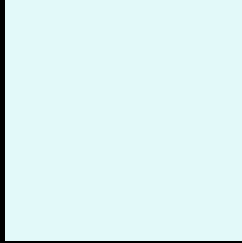
Large Text (above 18pt) WCAG AA × Fail

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 242.1230, 3.3904, -14.1399 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

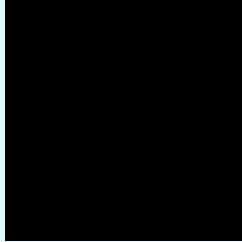
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

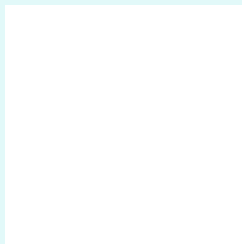
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 242.1230, 3.3904, -14.1399

Background



This preview shows how black text looks on a background with the YUV color 242.1230, 3.3904, -14.1399.



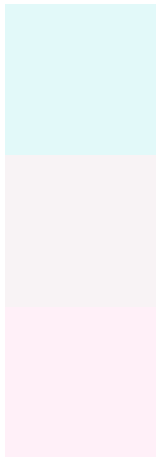
This preview shows how white text looks on a background with the YUV color 242.1230, 3.3904,

-14.1399.

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

242.1230, 3.3904, -14.1399

Protanopia

244.7230, 0.1366, 2.8739

Deuteranopia

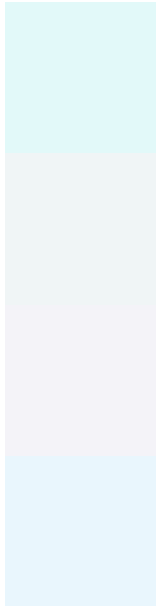
245.3970, 1.2833, 8.4218



Tritanopia

243.7480, 5.5472, -5.9180

Trichromacy



Original Color

242.1230, 3.3904, -14.1399

Protanomaly

243.6190, 1.1738, -3.1739

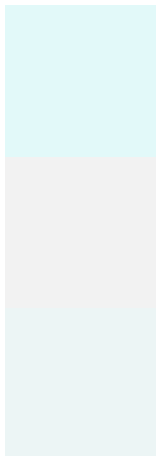
Deuteranomaly

243.8690, 2.0366, 0.1149

Tritanomaly

242.9110, 4.9739, -8.6919

Monochromacy



Original Color

242.1230, 3.3904, -14.1399

Achromatopsia

242.0000, 0.0000, 0.0000

Achromatomaly

242.3090, 1.3267, -5.5330

CSS Examples

Text

The CSS property to change the color of the text to YUV 242.1230, 3.3904, -14.1399 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(226, 249, 249)` looks like.

```
.text, #text, p{  
    color:rgb(226, 249, 249)  
}
```

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(226, 249, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 249, 249) }
```

Border

The CSS property to change the border of an element to YUV 242.1230, 3.3904, -14.1399 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(226, 249, 249) }
```


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

```
.border{ border-color:rgb(226, 249, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 249, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 249, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 249, 249);  
box-shadow:4px 4px 4px 4px rgb(226, 249,  
249) }
```

Background

The CSS property to change the background color of an element to YUV 242.1230, 3.3904, -14.1399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 249, 249) }
```

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

```
.background{ background-color: rgb(226,  
249, 249) }
```

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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