

Converting Colors

YUV(242.0690, 1.9380,
-14.9695)

Have a look what the booklet for
YUV(242.0690, 1.9380, -14.9695)
contains.

YUV(242.0690, 1.9380, -14.9695)	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(242.0690, 1.9380,
-14.9695)**

Conversions

Conversions Part 1

Format	Color
Hex	E1FAF6
RGB	225, 250, 246
RGB Percent	88%, 98%, 96%
CMY	0.1176, 0.0196, 0.0353
CMYK	0.10, 0.00, 0.02, 0.02
HSL	170°, 71%, 93%
HSV	170°, 10%, 98%
XYZ	81.8715, 91.0326, 100.4447
YIQ	242.0690, -13.6160, -6.5440

Conversions

Conversions Part 2

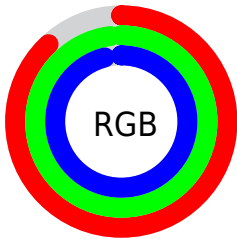
Format	Color
R _Y B	225, 239, 250
Decimal	14809846
CIE Lab	96.42, -8.85, -0.86
CIE LCh	96, 8.887, 185.555
Yxy	91.0326, 0.2995, 0.3330
Android (android.graphics.Color)	4292999926 (0xFFE1FAF6)
YUV	242.0690, 1.9380, -14.9695
Hunter-Lab	95.4110, -13.7997, 4.3696

Details

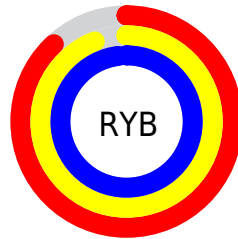
The YUV color $242.0690, 1.9380, -14.9695$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $232.9310, -1.9380, 14.9695$, and the grayscale version is $242.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $186.3680, 1.7906, -14.3547$ is the 20% darker color. If you saturate the color by 10%, you get $234.1380, 3.8760, -29.9390$, and if you desaturate by 10%, it is $250.0000, 0.0000, 0.0000$.

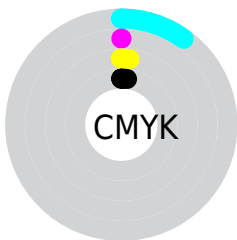
Distribution



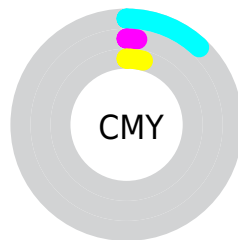
- Red (88%)
- Green (98%)
- Blue (96%)



- Red (88%)
- Yellow (94%)
- Blue (98%)



- Cyan (10%)
- Magenta (0%)
- Yellow (2%)
- Black (2%)



- Cyan (12%)
- Magenta (2%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 242.0690, 1.9380, -14.9695 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 242.0690, 1.9380, -14.9695 by changing the saturation by 10% instead.

■ 242.0690, 1.9380,
-14.9695

■ 242.0690, 1.9380,
-14.9695

255.0000, 0.0000,
0.0000

■ 213.4820, 2.2274,
-14.4547

■ 186.3680, 1.7906,
-14.3547

■ 158.7810, 2.0800,
-13.8399

■ 132.6670, 1.6432,
-13.7400

■ 107.0800, 1.9326,
-13.2252

■ 83.3790, 1.7852,
-12.6104

■ 59.7920, 2.0745,

-12.0956

■ 37.7920, 2.0745,
-12.0956

■ 16.4820, 2.2274,
-14.4547

■ 242.0690, 1.9380,
-14.9695

■ 242.0690, 1.9380,
-14.9695

■ 234.1380, 3.8760,
-29.9390

■ 250.0000, 0.0000,
0.0000

■ 226.2070, 5.8139,
-44.9085

■ 251.9510, 1.0102,
2.6740

■ 218.2760, 7.7519,
-59.8781

■ 252.0650, 1.4470,
2.5740

■ 210.3450, 9.6899,
-74.8476

■ 202.4140, 11.6279,
-89.8171

■ 194.4830, 13.5659,
-104.7866

■ 186.5520, 15.5039,
-119.7561

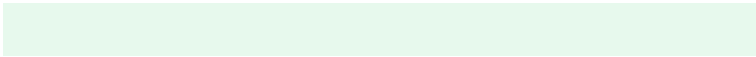
■ 178.6210, 17.4418,
-134.7256

■ 170.6900, 19.3798,
-149.6951

Harmonies

Analogous

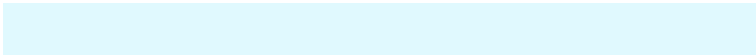
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



242.2500, -2.5882, -9.8662



242.0690, 1.9380, -14.9695



242.0950, 5.8692, -15.8693

Triad

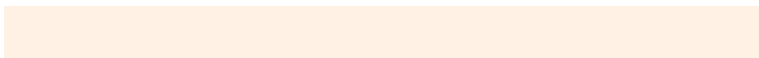
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



242.0690, 1.9380, -14.9695



245.5750, 4.6465, 3.0037



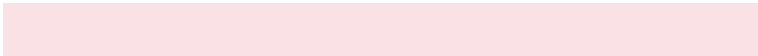
244.4050, -7.5947, 9.2918

Complementary

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



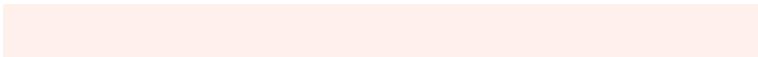
242.0690, 1.9380, -14.9695



232.9310, -1.9380, 14.9695

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.



243.9150, -4.3951, 9.7215



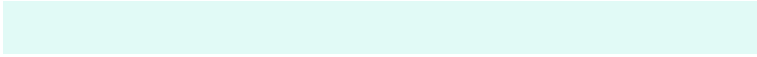
242.0690, 1.9380, -14.9695



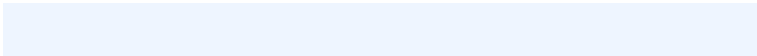
245.8530, 3.0305, 8.0219

Square

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



242.0690, 1.9380, -14.9695



244.0470, 5.3998, -5.3032



244.2400, -0.6113, 9.4365



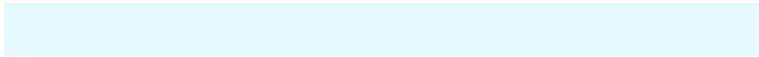
244.5570, -8.1626, 4.7735

Rectangle

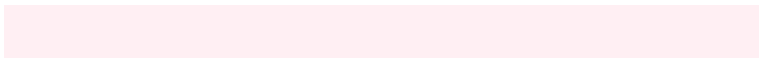
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



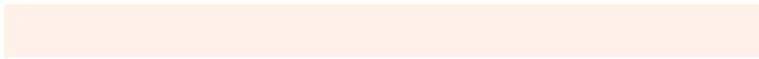
242.0690, 1.9380, -14.9695



242.5190, 6.1531, -13.6102



244.2400, -0.6113, 9.4365



244.0460, -6.4317, 9.6067

Sweetspot

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



242.0690, 1.9380, -14.9695



252.4940, 0.7425, -4.8182



240.8710, -7.8244, -10.4109



126.0920, 0.4476, -3.5887



0.0000, 0.0000, 0.0000



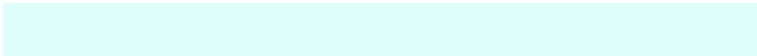
128.0000, 0.0000, 0.0000

Same Dimension

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



242.0690, 1.9380, -14.9695



245.1610, 2.3856, -18.5582



237.8290, 6.0003, -11.2510



120.8850, 1.0427, -7.7921



129.0690, 14.7560, -113.1935



41.6210, 4.6238, -36.5016

Inverse Universe

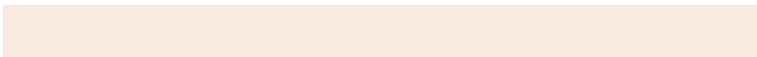
The Inverse Universe completely reimagines the original color for something new.



232.9310, -1.9380, 14.9695



233.8390, -2.3856, 18.5582



237.1710, -6.0003, 11.2510



116.1150, -1.0427, 7.7921



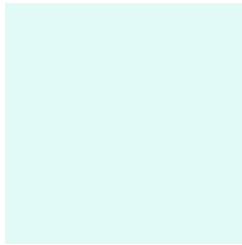
59.9310, -14.7560, 113.1935



19.3790, -4.6238, 36.5016

Previews

White Background



This preview shows how the YUV color 242.0690, 1.9380, -14.9695 looks on a white background.

Color Contrast Check

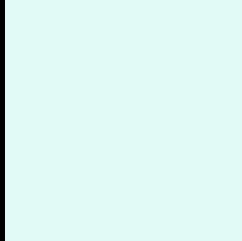
Large Text (above 18pt) WCAG AA × Fail

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 242.0690, 1.9380, -14.9695 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

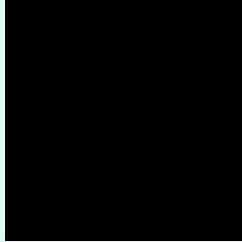
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

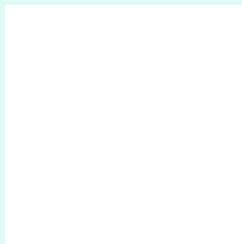
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 242.0690, 1.9380, -14.9695

Background



This preview shows how black text looks on a background with the YUV color 242.0690, 1.9380, -14.9695.



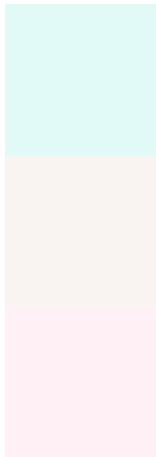
This preview shows how white text looks on a background with the YUV color 242.0690, 1.9380, -14.9695.

-14.9695.

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

242.0690, 1.9380, -14.9695

Protanopia

244.6800, -1.3212, 3.7886

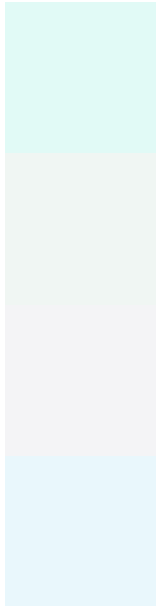
Deuteranopia

245.7560, 0.1203, 8.1070

Tritanopia

244.3350, 5.2578, -6.4328

Trichromacy



Original Color

242.0690, 1.9380, -14.9695

Protanomaly

243.8640, -0.4260, -3.3887

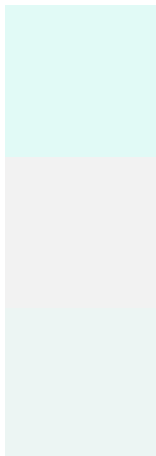
Deuteranomaly

244.2280, 0.8736, -0.2000

Tritanomaly

243.3840, 4.2477, -9.1068

Monochromacy



Original Color

242.0690, 1.9380, -14.9695

Achromatopsia

242.0000, 0.0000, 0.0000

Achromatomaly

242.0810, 0.4531, -5.3330

CSS Examples

Text

The CSS property to change the color of the text to YUV 242.0690, 1.9380, -14.9695 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(225, 250, 246)` looks like.

```
.text, #text, p{  
    color:rgb(225, 250, 246)  
}
```

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(225, 250, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 250, 246) }
```

Border

The CSS property to change the border of an element to YUV 242.0690, 1.9380, -14.9695 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(225, 250, 246) }
```


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

```
.border{ border-color:rgb(225, 250, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 250, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 250, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 250, 246);  
box-shadow:4px 4px 4px 4px rgb(225, 250,  
246) }
```

Background

The CSS property to change the background color of an element to YUV 242.0690, 1.9380, -14.9695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 250, 246) }
```

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

```
.background{ background-color: rgb(225,  
250, 246) }
```

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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