

Converting Colors

YUV(242.9180, -2.4246,
-15.7141)

Have a look what the booklet for
YUV(242.9180, -2.4246, -15.7141)
contains.

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Color

**YUV(242.9180, -2.4246,
-15.7141)**

Conversions

Conversions Part 1

Format	Color
Hex	E1FDEE
RGB	225, 253, 238
RGB Percent	88%, 99%, 93%
CMY	0.1176, 0.0078, 0.0667
CMYK	0.11, 0.00, 0.06, 0.01
HSL	148°, 88%, 94%
HSV	148°, 11%, 99%
XYZ	81.6092, 92.4312, 94.4287
YIQ	242.9180, -11.8730, -10.6010

Conversions

Conversions Part 2

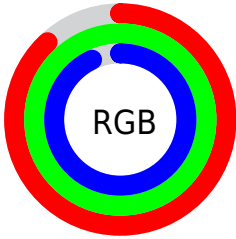
Format	Color
R_{YB}	225, 244, 253
Decimal	14810606
CIE _{Lab}	97.00, -11.82, 4.09
CIE _{LCh}	97, 12.512, 160.898
Yxy	92.4312, 0.3040, 0.3443
Android (android.graphics.Color)	4293000686 (0xFFE1FDEE)
YUV	242.9180, -2.4246, -15.7141
Hunter-Lab	96.1411, -16.7275, 9.0649

Details

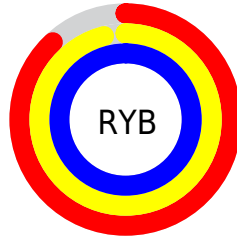
The YUV color $242.9180, -2.4246, -15.7141$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $235.0820, 2.4246, 15.7141$, and the grayscale version is $243.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $186.6300, -2.2826, -14.5845$ is the 20% darker color. If you saturate the color by 10%, you get $233.8470, -4.8546, -29.6838$, and if you desaturate by 10%, it is $251.9890, 0.0054, -1.7444$.

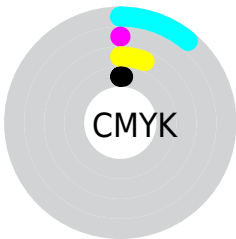
Distribution



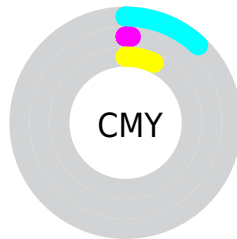
- Red (88%)
- Green (99%)
- Blue (93%)



- Red (88%)
- Yellow (96%)
- Blue (99%)



- Cyan (11%)
- Magenta (0%)
- Yellow (6%)
- Black (1%)





- Cyan (12%)
- Magenta (1%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 242.9180, -2.4246, -15.7141 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 242.9180, -2.4246, -15.7141 by changing the saturation by 10% instead.

 242.9180, -2.4246,
-15.7141

 242.9180, -2.4246,
-15.7141

255.0000, 0.0000,
0.0000


 214.3310, -2.1352,
-15.1993

 186.6300, -2.2826,
-14.5845

 159.6300, -2.2826,
-14.5845

 133.6300, -2.2826,
-14.5845

 108.0430, -1.9932,
-14.0697

 83.7550, -1.8512,
-12.9401

 60.7550, -1.8512,

-12.9401

■ 38.2820, -1.1250,
-12.5253

■ 16.8580, -1.4090,
-14.7845

■ 242.9180, -2.4246,
-15.7141

■ 242.9180, -2.4246,
-15.7141

■ 233.8470, -4.8546,
-29.6838

■ 251.9890, 0.0054,
-1.7444

■ 224.5910, -6.7004,
-44.3683

■ 253.8260, 0.5788,
1.0296

■ 215.5200, -9.1304,
-58.3380

■ 206.5630,
-11.1236, -72.4078

■ 197.1930,
-13.4061, -86.9923

■ 188.2360,
-15.3993, -101.0620

■ 179.1650,
-17.8293, -115.0317

■ 170.2080,
-19.8225, -129.1014

■ 161.8490,
-22.1106, -141.9416

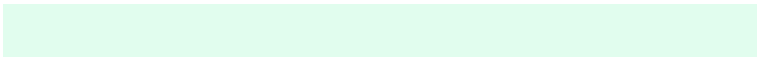
Harmonies

Analogous

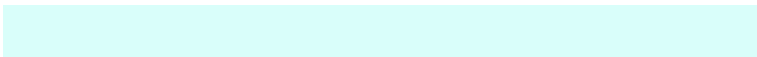
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



244.4910, -8.1301, -5.6926



242.9180, -2.4246, -15.7141



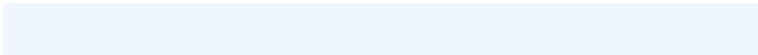
242.4810, 3.7069, -22.3468

Triad

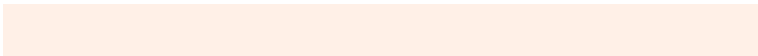
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



242.9180, -2.4246, -15.7141



244.9330, 4.9630, -5.2032



243.4590, -6.1423, 10.1215

Complementary

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



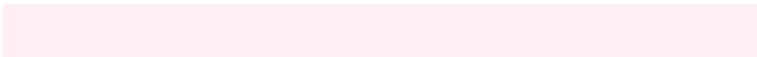
242.9180, -2.4246, -15.7141



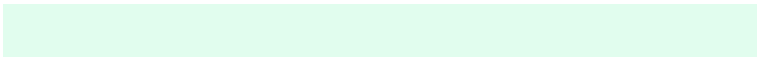
235.0820, 2.4246, 15.7141

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.



243.5390, -0.7587, 10.0513



242.9180, -2.4246, -15.7141



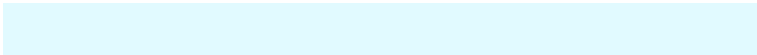
247.0700, 3.9095, 6.0776

Square

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



242.9180, -2.4246, -15.7141



243.0950, 5.8692, -15.8693



245.6080, 4.6303, 8.2368



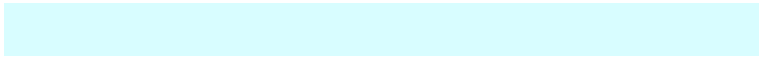
244.4220, -10.0680, 9.2769

Rectangle

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



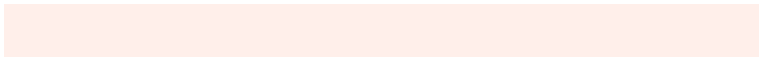
242.9180, -2.4246, -15.7141



242.1650, 6.3277, -22.9467



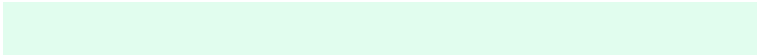
245.6080, 4.6303, 8.2368



243.2140, -4.5425, 10.3363

Sweetspot

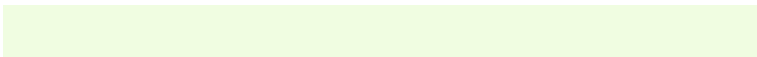
The Sweet Spot groups the original color and five complimentary colors.



242.9180, -2.4246, -15.7141



252.1520, -0.5679, -4.5183



245.9210, -10.3141, -5.1927



125.8640, -0.4260, -3.3887



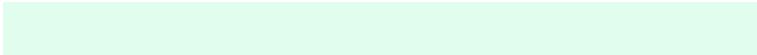
0.0000, 0.0000, 0.0000



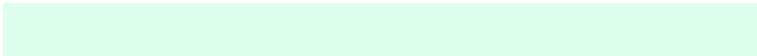
128.0000, 0.0000, 0.0000

Same Dimension

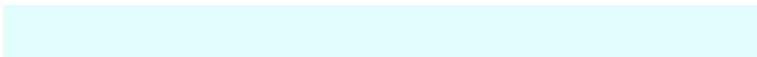
The Same Dimension uses a secret algorithm to generate beautiful new colors.



242.9180, -2.4246, -15.7141



243.0810, -2.9979, -18.4880



244.5140, 3.6906, -17.1138



123.3150, -1.1413, -7.2923



122.2630, -16.3987, -107.2247



40.9880, -5.4171, -35.9465

Inverse Universe

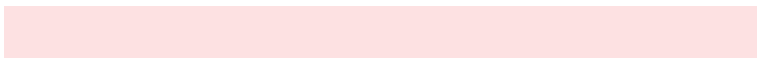
The Inverse Universe completely reimagines the original color for something new.



235.0820, 2.4246, 15.7141



233.9190, 2.9979, 18.4880



233.4860, -3.6906, 17.1138



119.6850, 1.1413, 7.2923



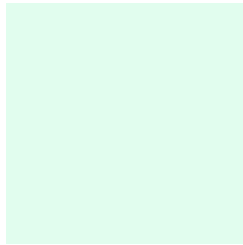
68.7370, 16.3987, 107.2247



23.0120, 5.4171, 35.9465

Previews

White Background



This preview shows how the YUV color 242.9180, -2.4246, -15.7141 looks on a white background.

Color Contrast Check

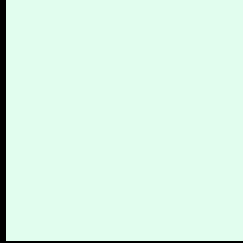
Large Text (above 18pt) WCAG AA × Fail

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 242.9180, -2.4246, -15.7141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

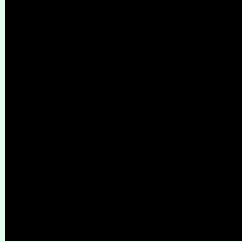
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

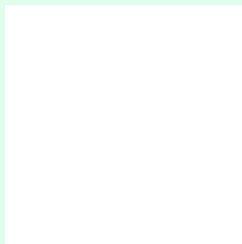
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 242.9180, -2.4246, -15.7141

Background



This preview shows how black text looks on a background with the YUV color 242.9180, -2.4246, -15.7141.



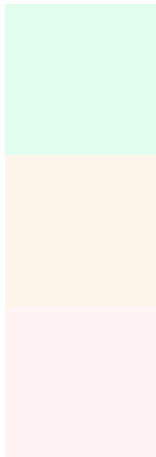
This preview shows how white text looks on a background with the YUV color 242.9180, -2.4246, -15.7141.

-15.7141.

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

242.9180, -2.4246, -15.7141

Protanopia

246.1380, -5.9840, 6.0180

Deuteranopia

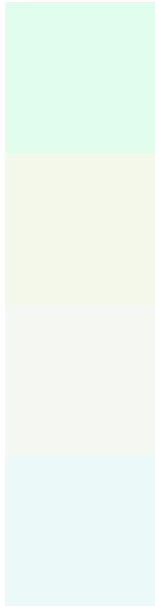
246.7020, -1.3321, 7.2773



Tritanopia

245.8190, 4.5262, -5.1033

Trichromacy



Original Color

242.9180, -2.4246, -15.7141

Protanomaly

245.0230, -4.9413, -1.7742

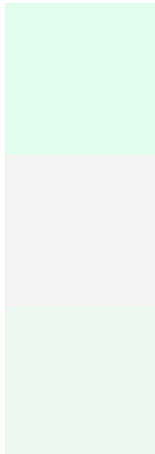
Deuteranomaly

245.5330, -1.7418, -1.3444

Tritanomaly

244.8140, 2.0637, -8.6069

Monochromacy



Original Color

242.9180, -2.4246, -15.7141

Achromatopsia

243.0000, 0.0000, 0.0000

Achromatomaly

243.0270, -0.9993, -6.1627

CSS Examples

Text

The CSS property to change the color of the text to YUV 242.9180, -2.4246, -15.7141 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, 253, 238)` looks like.

```
.text, #text, p{  
    color:rgb(225, 253, 238)  
}
```

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, 253, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 253, 238) }
```

Border

The CSS property to change the border of an element to YUV 242.9180, -2.4246, -15.7141 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, 253, 238) }
```


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

```
.border{ border-color:rgb(225, 253, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 253, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 253, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 253, 238);  
box-shadow:4px 4px 4px 4px rgb(225, 253,  
238) }
```

Background

The CSS property to change the background color of an element to YUV 242.9180, -2.4246, -15.7141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 253, 238) }
```

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

```
.background{ background-color: rgb(225,  
253, 238) }
```

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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