

Converting Colors

YUV(242.4030, -4.6357, -6.4924)

Have a look what the booklet for
YUV(242.4030, -4.6357, -6.4924)
contains.

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Color

**YUV(242.4030, -4.6357,
-6.4924)**

Conversions

Conversions Part 1

Format	Color
Hex	EBF8E9
RGB	235, 248, 233
RGB Percent	92%, 97%, 91%
CMY	0.0784, 0.0275, 0.0863
CMYK	0.05, 0.00, 0.06, 0.03
HSL	112°, 52%, 94%
HSV	112°, 6%, 97%
XYZ	82.5363, 90.6802, 90.2437
YIQ	242.4030, -2.9330, -7.4210

Conversions

Conversions Part 2

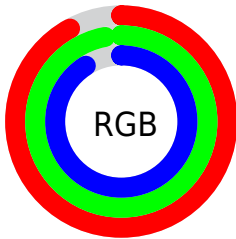
Format	Color
R_{YB}	233, 248, 246
Decimal	15464681
CIE _{Lab}	96.28, -6.94, 5.72
CIE _{LCh}	96, 8.988, 140.501
Yxy	90.6802, 0.3133, 0.3442
Android (android.graphics.Color)	4293654761 (0xFFE8F8E9)
YUV	242.4030, -4.6357, -6.4924
Hunter-Lab	95.2261, -11.9326, 10.4705

Details

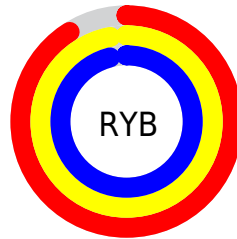
The YUV color $242.4030, -4.6357, -6.4924$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $238.5970, 4.6357, 6.4924$, and the grayscale version is $242.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $186.4030, -4.6357, -6.4924$ is the 20% darker color. If you saturate the color by 10%, you get $233.2740, -12.4601, -16.9033$, and if you desaturate by 10%, it is $250.8910, 2.0257, 3.6036$.

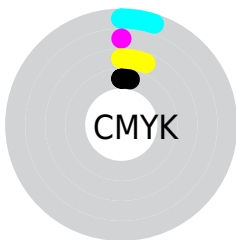
Distribution



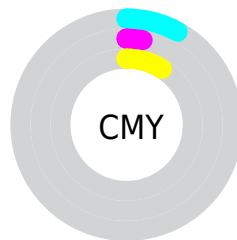
- Red (92%)
- Green (97%)
- Blue (91%)



- Red (91%)
- Yellow (97%)
- Blue (96%)



- Cyan (5%)
- Magenta (0%)
- Yellow (6%)
- Black (3%)





- Cyan (8%)
- Magenta (3%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the YUV color 242.4030, -4.6357, -6.4924 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 242.4030, -4.6357, -6.4924 by changing the saturation by 10% instead.


 242.4030, -4.6357,
-6.4924

 242.4030, -4.6357,
-6.4924

255.0000, 0.0000,
0.0000


 213.8160, -4.3463,
-5.9776

 186.4030, -4.6357,
-6.4924

 159.5170, -4.1989,
-6.5924

 133.2290, -4.0569,
-5.4628

 107.9300, -3.9095,
-6.0776

 83.3430, -3.6201,
-5.5628

 60.6420, -3.7675,

-4.9480

■ 38.7560, -3.3307,
-5.0480

■ 17.8160, -4.3463,
-5.9776

■ 242.4030, -4.6357,
-6.4924

■ 242.4030, -4.6357,
-6.4924

■ 233.2740,
-12.4601, -16.9033

■ 250.8910, 2.0257,
3.6036

■ 223.8460,
-20.1371, -27.9289

■ 214.8310,
-27.5247, -38.4398

■ 205.4030,
-35.2017, -49.4654

■ 196.2740,
-43.0261, -59.8763

■ 186.8460,
-50.7031, -70.9019

■ 177.7170,
-58.5275, -81.3128

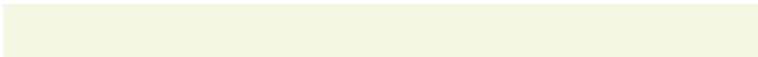
■ 168.4030,
-65.7677, -92.4384

■ 159.2740,
-73.5921, -102.8493

Harmonies

Analogous

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



243.6490, -7.7150, 1.1848



242.4030, -4.6357, -6.4924



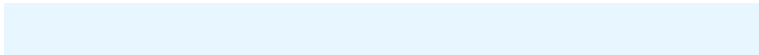
241.5100, -0.2514, -12.7253

Triad

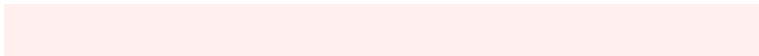
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



242.4030, -4.6357, -6.4924



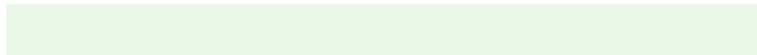
242.8400, 5.9949, -9.5067



243.7840, -2.3585, 9.8364

Complementary

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



242.4030, -4.6357, -6.4924



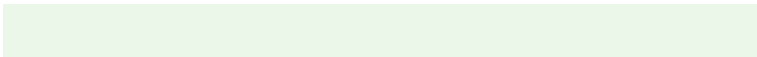
238.5970, 4.6357, 6.4924

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.



244.6960, 1.1359, 9.0366



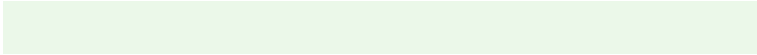
242.4030, -4.6357, -6.4924



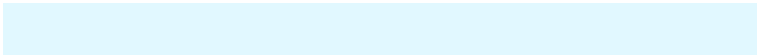
244.3680, 5.2416, -1.1997

Square

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



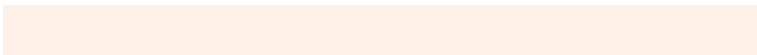
242.4030, -4.6357, -6.4924



241.9210, 6.4479, -14.8397



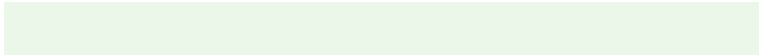
245.5970, 4.6357, 6.4924



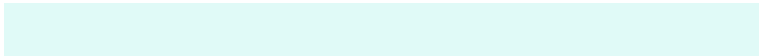
243.4590, -6.1423, 10.1215

Rectangle

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



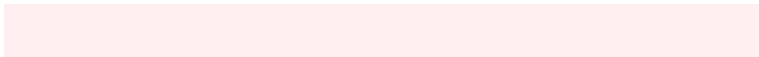
242.4030, -4.6357, -6.4924



241.8840, 2.5222, -15.6843



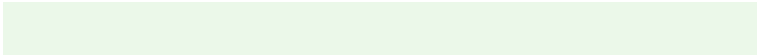
245.5970, 4.6357, 6.4924



244.0120, -1.4849, 9.6365

Sweetspot

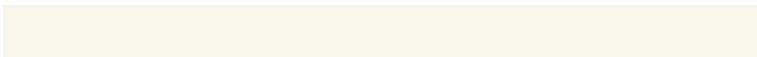
The Sweet Spot groups the original color and five complimentary colors.



242.4030, -4.6357, -6.4924



253.2340, -1.5944, -1.9592



245.1160, -5.9732, 2.5293



126.7610, -0.8682, -1.5444



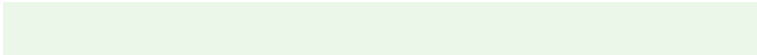
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

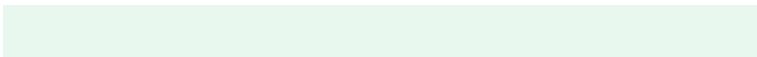
The Same Dimension uses a secret algorithm to generate beautiful new colors.



242.4030, -4.6357, -6.4924



248.4630, -5.6513, -7.4221



242.4890, -1.7201, -8.3219



121.1690, -3.0413, -4.5332



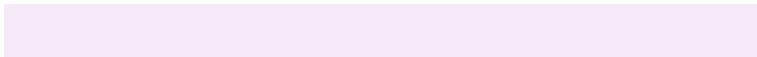
118.4180, -58.3801, -81.9276



38.1990, -18.8321, -26.4845

Inverse Universe

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



238.5970, 4.6357, 6.4924



243.8360, 5.5039, 8.0368



238.6250, 2.1569, 8.2219



118.8310, 3.0413, 4.5332



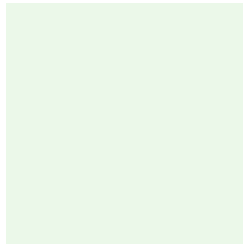
70.5820, 58.3801, 81.9276



22.8010, 18.8321, 26.4845

Previews

White Background



This preview shows how the YUV color 242.4030, -4.6357, -6.4924 looks on a white background.

Color Contrast Check

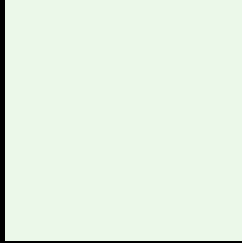
Large Text (above 18pt) WCAG AA × Fail

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 242.4030, -4.6357, -6.4924 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

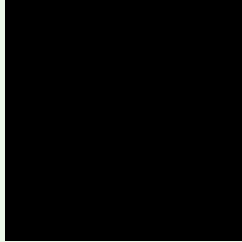
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

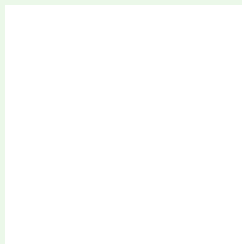
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 242.4030, -4.6357, -6.4924

Background



This preview shows how black text looks on a background with the YUV color 242.4030, -4.6357, -6.4924.



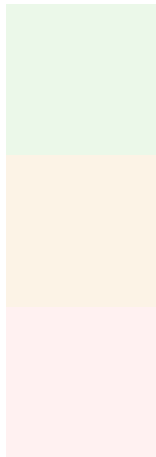
This preview shows how white text looks on a background with the YUV color 242.4030, -4.6357,

-6.4924.

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

242.4030, -4.6357, -6.4924

Protanopia

244.2090, -7.0050, 6.8327

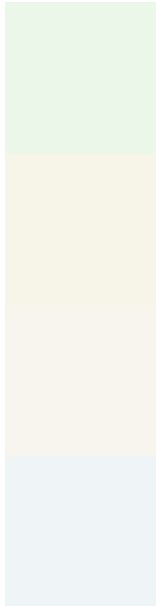
Deuteranopia

245.1860, -2.0637, 8.6069

Tritanopia

244.6560, 5.0996, -2.3293

Trichromacy



Original Color

242.4030, -4.6357, -6.4924

Protanomaly

243.7030, -6.2626, 2.0145

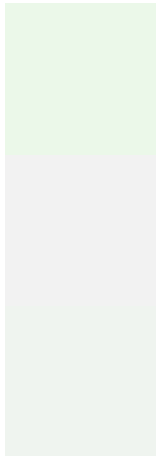
Deuteranomaly

244.5120, -3.2104, 3.0590

Tritanomaly

243.4340, 1.7580, -3.8886

Monochromacy



Original Color

242.4030, -4.6357, -6.4924

Achromatopsia

242.0000, 0.0000, 0.0000

Achromatomaly

241.9350, -1.4470, -2.5740

CSS Examples

Text

The CSS property to change the color of the text to YUV 242.4030, -4.6357, -6.4924 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(235, 248, 233)` looks like.

```
.text, #text, p{  
    color:rgb(235, 248, 233)  
}
```

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(235, 248, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 248, 233) }
```

Border

The CSS property to change the border of an element to YUV 242.4030, -4.6357, -6.4924 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(235, 248, 233) }
```


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

```
.border{ border-color:rgb(235, 248, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 248, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 248, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 248, 233);  
box-shadow:4px 4px 4px 4px rgb(235, 248,  
233) }
```

Background

The CSS property to change the background color of an element to YUV 242.4030, -4.6357, -6.4924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 248, 233) }
```

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

```
.background{ background-color: rgb(235,  
248, 233) }
```

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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