

Converting Colors

YUV(242.0610, -5.9461, -6.1925)

Have a look what the booklet for
YUV(242.0610, -5.9461, -6.1925)
contains.

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Color

**YUV(242.0610, -5.9461,
-6.1925)**

Conversions

Conversions Part 1

Format	Color
Hex	EBF8E6
RGB	235, 248, 230
RGB Percent	92%, 97%, 90%
CMY	0.0784, 0.0275, 0.0980
CMYK	0.05, 0.00, 0.07, 0.03
HSL	103°, 56%, 94%
HSV	103°, 7%, 97%
XYZ	82.1113, 90.5101, 88.0054
YIQ	242.0610, -1.9700, -8.3540

Conversions

Conversions Part 2

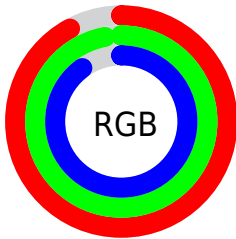
Format	Color
R _Y B	230, 248, 243
Decimal	15464678
CIE Lab	96.21, -7.45, 7.16
CIE LCh	96, 10.336, 136.140
Yxy	90.5101, 0.3151, 0.3473
Android (android.graphics.Color)	4293654758 (0xFFEBF8E6)
YUV	242.0610, -5.9461, -6.1925
Hunter-Lab	95.1368, -12.4285, 11.7501

Details

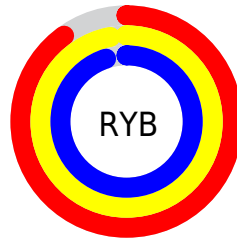
The YUV color $242.0610, -5.9461, -6.1925$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $235.9390, 5.9461, 6.1925$, and the grayscale version is $242.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $186.1750, -5.5093, -6.2925$ is the 20% darker color. If you saturate the color by 10%, you get $233.8290, -14.2127, -14.7590$, and if you desaturate by 10%, it is $250.2930, 2.3206, 2.3740$.

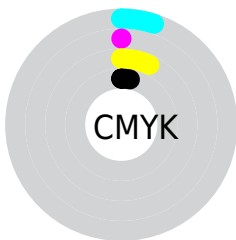
Distribution



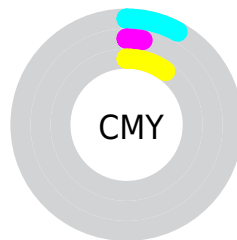
- Red (92%)
- Green (97%)
- Blue (90%)



- Red (90%)
- Yellow (97%)
- Blue (95%)



- Cyan (5%)
- Magenta (0%)
- Yellow (7%)
- Black (3%)





- Cyan (8%)
- Magenta (3%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the YUV color 242.0610, -5.9461, -6.1925 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 242.0610, -5.9461, -6.1925 by changing the saturation by 10% instead.


 242.0610, -5.9461,
-6.1925


 242.0610, -5.9461,
-6.1925

255.0000, 0.0000,
0.0000


 213.4740, -5.6567,
-5.6777

 186.1750, -5.5093,
-6.2925

 159.1750, -5.5093,
-6.2925

 132.5880, -5.2199,
-5.7777

 107.5880, -5.2199,
-5.7777

 83.1150, -4.4937,
-5.3629

 60.4140, -4.6411,

-4.7481

■ 38.5280, -4.2043,
-4.8481

■ 17.3600, -6.0935,
-5.5777

■ 242.0610, -5.9461,
-6.1925

■ 242.0610, -5.9461,
-6.1925

■ 233.8290,
-14.2127, -14.7590

■ 250.2930, 2.3206,
2.3740

■ 225.5970,
-22.4793, -23.3256

■ 250.8910, 2.0257,
3.6036

■ 217.4790,
-30.3091, -31.9921

■ 209.2470,
-38.5758, -40.5586

■ 201.0150,
-46.8424, -49.1252

■ 193.0820,
-55.2564, -57.0769

■ 184.8500,
-63.5231, -65.6435

■ 176.7320,
-71.3529, -74.3100

■ 168.5000,
-79.6195, -82.8765

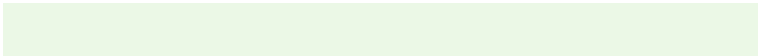
Harmonies

Analogous

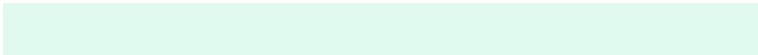
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



243.3180, -9.0308, 3.2291



242.0610, -5.9461, -6.1925



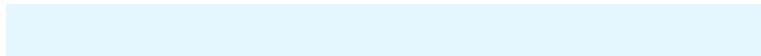
241.2710, -1.1196, -14.2697

Triad

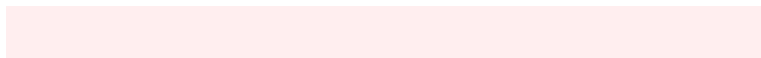
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



242.0610, -5.9461, -6.1925



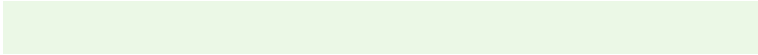
241.9430, 6.4371, -11.3510



243.1970, -2.0691, 10.3512

Complementary

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



242.0610, -5.9461, -6.1925



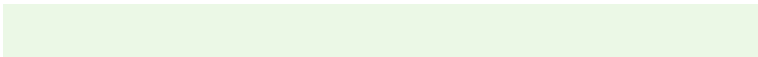
235.9390, 5.9461, 6.1925

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.



244.3370, 2.2989, 9.3515



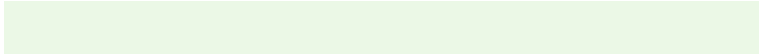
242.0610, -5.9461, -6.1925



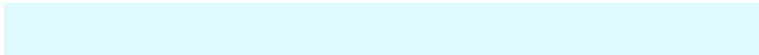
243.4710, 5.6838, -3.0441

Square

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



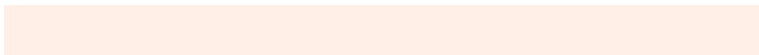
242.0610, -5.9461, -6.1925



241.3120, 6.7482, -17.8136



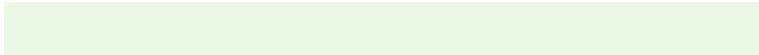
245.5970, 4.6357, 6.4924



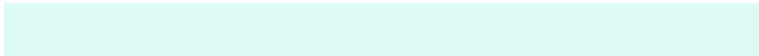
242.7580, -6.2897, 10.7362

Rectangle

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



242.0610, -5.9461, -6.1925



240.8730, 2.5276, -17.4286



245.5970, 4.6357, 6.4924



242.9520, -0.4693, 10.5661

Sweetspot

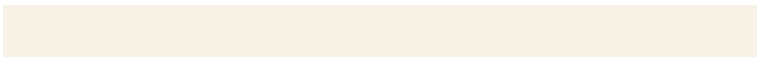
The Sweet Spot groups the original color and five complimentary colors.



242.0610, -5.9461, -6.1925



253.2340, -1.5944, -1.9592



243.0130, -6.4154, 4.3736



127.0600, -1.0156, -0.9296



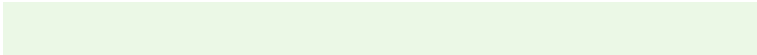
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

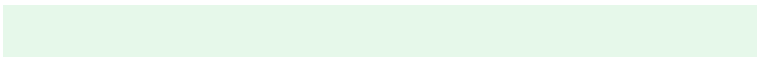
The Same Dimension uses a secret algorithm to generate beautiful new colors.



242.0610, -5.9461, -6.1925



247.2950, -7.5404, -8.1517



241.0220, -3.4618, -9.6663



120.8270, -4.3517, -4.2333



126.4910, -62.3601, -65.3286



40.8900, -20.1588, -20.9515

Inverse Universe

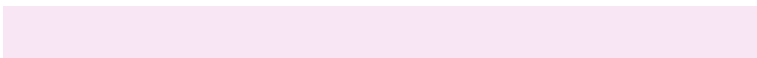
The Inverse Universe completely reimagines the original color for something new.



235.9390, 5.9461, 6.1925



239.7050, 7.5404, 8.1517



236.9780, 3.4618, 9.6663



116.1730, 4.3517, 4.2333



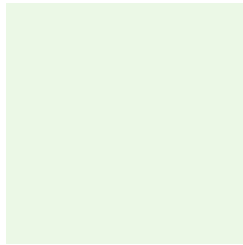
62.2100, 62.5075, 64.7138



20.1100, 20.1588, 20.9515

Previews

White Background



This preview shows how the YUV color 242.0610, -5.9461, -6.1925 looks on a white background.

Color Contrast Check

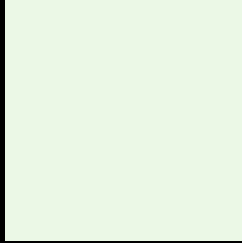
Large Text (above 18pt) WCAG AA × Fail

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 242.0610, -5.9461, -6.1925 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

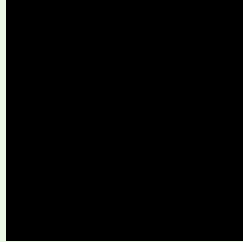
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

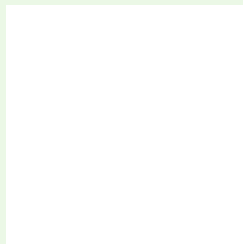
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 242.0610, -5.9461, -6.1925

Background



This preview shows how black text looks on a background with the YUV color 242.0610, -5.9461, -6.1925.



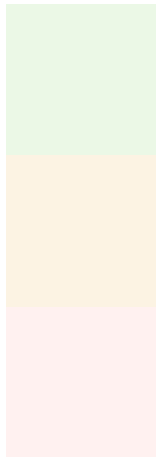
This preview shows how white text looks on a background with the YUV color 242.0610, -5.9461, -6.1925.

-6.1925.

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

242.0610, -5.9461, -6.1925

Protanopia

243.8670, -8.3154, 7.1326

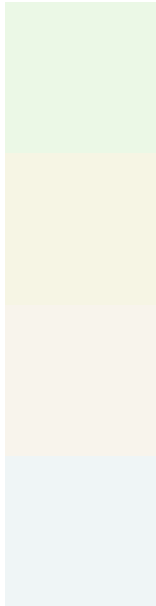
Deuteranopia

245.0720, -2.5005, 8.7069

Tritanopia

244.0690, 5.3890, -1.8145

Trichromacy



Original Color

242.0610, -5.9461, -6.1925

Protanomaly

243.3610, -7.5730, 2.3144

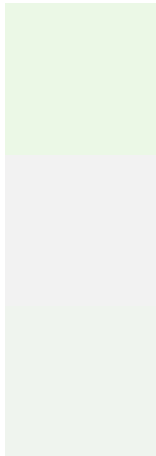
Deuteranomaly

244.2840, -4.0840, 3.2589

Tritanomaly

243.3200, 1.3212, -3.7886

Monochromacy



Original Color

242.0610, -5.9461, -6.1925

Achromatopsia

242.0000, 0.0000, 0.0000

Achromatomaly

241.8210, -1.8838, -2.4740

CSS Examples

Text

The CSS property to change the color of the text to YUV 242.0610, -5.9461, -6.1925 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, 230)` looks like.

```
.text, #text, p{  
    color:rgb(235, 248, 230)  
}
```

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, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 248, 230) }
```

Border

The CSS property to change the border of an element to YUV 242.0610, -5.9461, -6.1925 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, 230) }
```


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

```
.border{ border-color:rgb(235, 248, 230) }
```

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, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 248, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 248, 230);  
box-shadow:4px 4px 4px 4px rgb(235, 248,  
230) }
```

Background

The CSS property to change the background color of an element to YUV 242.0610, -5.9461, -6.1925 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, 230) }
```

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

```
.background{ background-color: rgb(235,  
248, 230) }
```

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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