

Converting Colors

YUV(242.6070, -14.1033,
-3.1633)

Have a look what the booklet for
YUV(242.6070, -14.1033, -3.1633)
contains.

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Color

**YUV(242.6070, -14.1033,
-3.1633)**

Conversions

Conversions Part 1

Format	Color
Hex	EFFAD6
RGB	239, 250, 214
RGB Percent	94%, 98%, 84%
CMY	0.0627, 0.0196, 0.1608
CMYK	0.04, 0.00, 0.14, 0.02
HSL	78°, 78%, 91%
HSV	78°, 14%, 98%
XYZ	81.9198, 91.5770, 76.9768
YIQ	242.6070, 5.0000, -13.5280

Conversions

Conversions Part 2

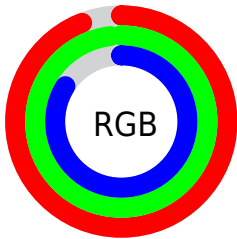
Format	Color
R_{YB}	214, 250, 225
Decimal	15727318
CIE _{Lab}	96.65, -9.72, 16.05
CIE _{LCh}	97, 18.763, 121.187
Yxy	91.5770, 0.3271, 0.3656
Android (android.graphics.Color)	4293917398 (0xFFEFFAD6)
YUV	242.6070, -14.1033, -3.1633
Hunter-Lab	95.6959, -14.6640, 19.2948

Details

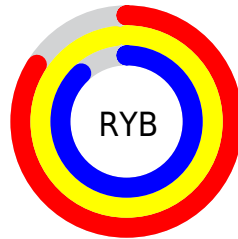
The YUV color $242.6070, -14.1033, -3.1633$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $221.3930, 14.1033, 3.1633$, and the grayscale version is $243.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $186.7210, -13.6665, -3.2633$ is the 20% darker color. If you saturate the color by 10%, you get $237.3650, -23.8439, -5.5821$, and if you desaturate by 10%, it is $247.8490, -4.3626, -0.7446$.

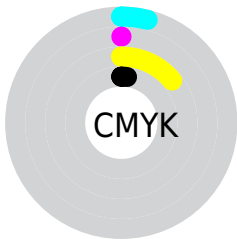
Distribution



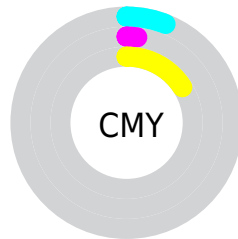
- Red (94%)
- Green (98%)
- Blue (84%)



- Red (84%)
- Yellow (98%)
- Blue (88%)



- Cyan (4%)
- Magenta (0%)
- Yellow (14%)
- Black (2%)



- Cyan (6%)
- Magenta (2%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 242.6070, -14.1033, -3.1633 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 242.6070, -14.1033, -3.1633 by changing the saturation by 10% instead.

■ 242.6070,
-14.1033, -3.1633

■ 242.6070,
-14.1033, -3.1633

255.0000, 0.0000,
0.0000

■ 214.0200,
-13.8139, -2.6485

■ 186.7210,
-13.6665, -3.2633

■ 159.2480,
-12.9403, -2.8485

■ 133.3620,
-12.5035, -2.9485

■ 108.0630,
-12.3561, -3.5633

■ 83.5900, -11.6299,
-3.1484

■ 60.7040, -11.1931,

-3.2484

■ 38.2310, -10.4669,
-2.8336

■ 17.6760, -8.7143,
-4.9779

■ 242.6070,
-14.1033, -3.1633

■ 242.6070,
-14.1033, -3.1633

■ 237.3650,
-23.8439, -5.5821

■ 247.8490, -4.3626,
-0.7446

■ 232.4220,
-33.7320, -7.3861

■ 251.7660, 1.5944,
1.9592

■ 227.1800,
-43.4727, -9.8049

■ 252.0650, 1.4470,
2.5740

■ 221.9380,
-53.2134, -12.2236

■ 216.9950,
-63.1015, -14.0276

■ 211.7530,
-72.8422, -16.4464

■ 206.8100,
-82.7303, -18.2504

■ 201.5680,
-92.4710, -20.6691

■ 198.7760,
-97.9966, -21.7286

Harmonies

Analogous

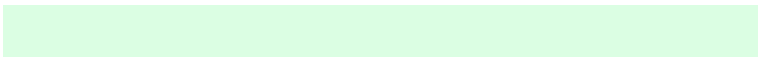
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



243.2990, -16.9094, 10.2618



242.6070, -14.1033, -3.1633



240.4570, -6.6343, -18.8178

Triad

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



242.6070, -14.1033, -3.1633



238.8870, 7.9437, -27.9649



240.9460, 1.9986, 12.3254

Complementary

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



242.6070, -14.1033, -3.1633



221.3930, 14.1033, 3.1633

Split Complementary

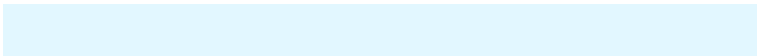
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



243.2600, 5.7878, 10.2960



242.6070, -14.1033, -3.1633



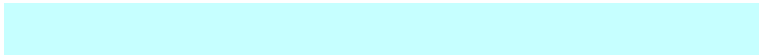
241.6330, 6.5899, -13.7101

Square

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



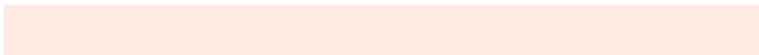
242.6070, -14.1033, -3.1633



237.9570, 8.4022, -35.0423



244.7000, 5.0779, 4.6481



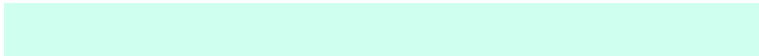
239.4810, -6.1531, 13.6102

Rectangle

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



242.6070, -14.1033, -3.1633



238.8240, 0.0868, -27.9096



244.7000, 5.0779, 4.6481



241.6300, 4.6194, 11.7255

Sweetspot

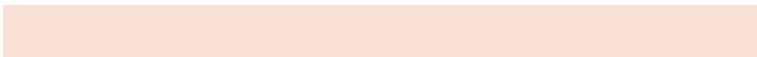
The Sweet Spot groups the original color and five complimentary colors.



242.6070, -14.1033, -3.1633



252.9630, -3.9258, -0.8446



231.2210, -8.4900, 16.4692



126.6040, -2.7628, -0.5297



0.0000, 0.0000, 0.0000



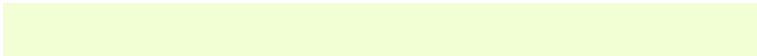
128.0000, 0.0000, 0.0000

Same Dimension

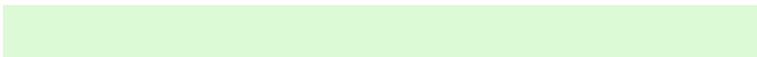
The Same Dimension uses a secret algorithm to generate beautiful new colors.



242.6070, -14.1033, -3.1633



246.2110, -16.8660, -3.6930



237.2250, -11.4499, -14.2293



122.3220, -5.0887, -1.1594



150.1120, -74.0052, -16.7612



48.6640, -23.9914, -4.9673

Inverse Universe

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



221.3930, 14.1033, 3.1633



220.7890, 16.8660, 3.6930



226.7750, 11.4499, 14.2293



114.6780, 5.0887, 1.1594



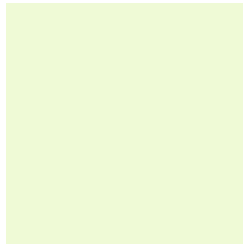
38.8880, 74.0052, 16.7612



12.6350, 23.8439, 5.5821

Previews

White Background



This preview shows how the YUV color 242.6070, -14.1033, -3.1633 looks on a white background.

Color Contrast Check

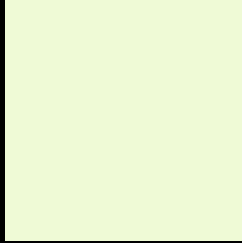
Large Text (above 18pt) WCAG AA × Fail

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 242.6070, -14.1033, -3.1633 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

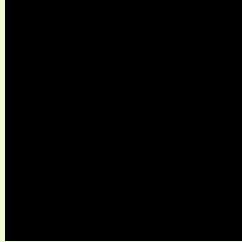
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

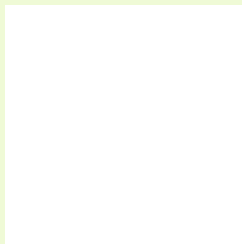
Any Text WCAG AAA ✓ Pass

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

YUV 242.6070, -14.1033, -3.1633 Background



This preview shows how black text looks on a background with the YUV color 242.6070, -14.1033, -3.1633.



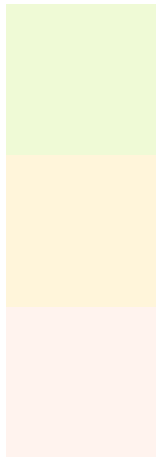
This preview shows how white text looks on a background with the YUV color 242.6070, -14.1033,

-3.1633.

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

242.6070, -14.1033, -3.1633

Protanopia

244.9120, -13.2676, 8.8472

Deuteranopia

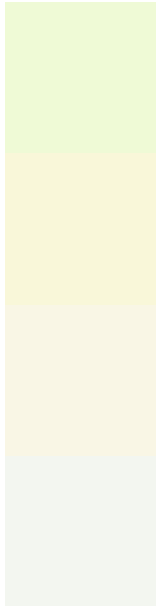
246.0180, -3.9529, 7.8772



Tritanopia

245.8520, 4.5100, 0.1298

Trichromacy



Original Color

242.6070, -14.1033, -3.1633

Protanomaly

244.1780, -13.3988, 4.2289

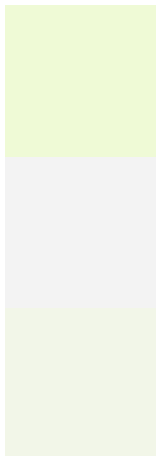
Deuteranomaly

244.9590, -7.8678, 3.5440

Tritanomaly

244.4190, -2.1786, -1.2445

Monochromacy



Original Color

242.6070, -14.1033, -3.1633

Achromatopsia

243.0000, 0.0000, 0.0000

Achromatomaly

243.2080, -5.5255, -1.0594

CSS Examples

Text

The CSS property to change the color of the text to YUV 242.6070, -14.1033, -3.1633 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(239, 250, 214)` looks like.

```
.text, #text, p{  
    color:rgb(239, 250, 214)  
}
```

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(239, 250, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 250, 214) }
```

Border

The CSS property to change the border of an element to YUV 242.6070, -14.1033, -3.1633 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(239, 250, 214) }
```


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

```
.border{ border-color:rgb(239, 250, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 250, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 250, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 250, 214);  
box-shadow:4px 4px 4px 4px rgb(239, 250,  
214) }
```

Background

The CSS property to change the background color of an element to YUV 242.6070, -14.1033, -3.1633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 250, 214) }
```

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

```
.background{ background-color: rgb(239,  
250, 214) }
```

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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