

Converting Colors

YUV(246.5770, -5.2145, -7.5220)

Have a look what the booklet for
YUV(246.5770, -5.2145, -7.5220)
contains.

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Color

**YUV(246.5770, -5.2145,
-7.5220)**

Conversions

Conversions Part 1

Format	Color
Hex	EEFDEC
RGB	238, 253, 236
RGB Percent	93%, 99%, 93%
CMY	0.0667, 0.0078, 0.0745
CMYK	0.06, 0.00, 0.07, 0.01
HSL	113°, 81%, 96%
HSV	113°, 7%, 99%
XYZ	85.5255, 94.4838, 93.0864
YIQ	246.5770, -3.4830, -8.4670

Conversions

Conversions Part 2

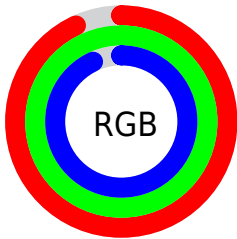
Format	Color
R _Y B	236, 253, 251
Decimal	15662572
CIE Lab	97.83, -7.92, 6.43
CIE LCh	98, 10.203, 140.906
Yxy	94.4838, 0.3132, 0.3460
Android (android.graphics.Color)	4293852652 (0xFFEEFDEC)
YUV	246.5770, -5.2145, -7.5220
Hunter-Lab	97.2028, -13.0487, 11.2628

Details

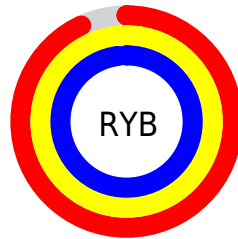
The YUV color $246.5770, -5.2145, -7.5220$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $242.4230, 5.2145, 7.5220$, and the grayscale version is $247.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $189.9900, -4.9251, -7.0072$ is the 20% darker color. If you saturate the color by 10%, you get $237.1490, -12.8915, -18.5477$, and if you desaturate by 10%, it is $253.8260, 0.5788, 1.0296$.

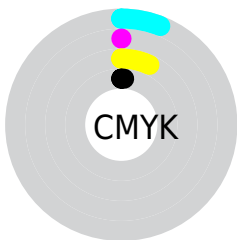
Distribution



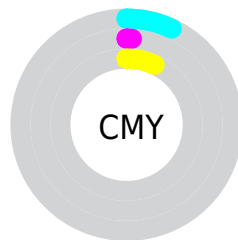
- Red (93%)
- Green (99%)
- Blue (93%)



- Red (93%)
- Yellow (99%)
- Blue (98%)



- Cyan (6%)
- Magenta (0%)
- Yellow (7%)
- Black (1%)




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

Brightness & Saturation Gradients

These gradients show how the YUV color 246.5770, -5.2145, -7.5220 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 246.5770, -5.2145, -7.5220 by changing the saturation by 10% instead.

 246.5770, -5.2145,
-7.5220

 246.5770, -5.2145,
-7.5220


255.0000, 0.0000,
0.0000


 217.9900, -4.9251,
-7.0072

 189.9900, -4.9251,
-7.0072

 162.9900, -4.9251,
-7.0072

 136.9900, -4.9251,
-7.0072

 111.4030, -4.6357,
-6.4924

 86.8160, -4.3463,
-5.9776

 63.9300, -3.9095,

-6.0776

■ 41.9300, -3.9095,
-6.0776

■ 21.1150, -4.4937,
-5.3629

■ 246.5770, -5.2145,
-7.5220

■ 246.5770, -5.2145,
-7.5220

■ 237.1490,
-12.8915, -18.5477

253.8260, 0.5788,
1.0296

■ 227.3080,
-20.8578, -30.0881

■ 217.8800,
-28.5348, -41.1138

■ 208.4520,
-36.2118, -52.1394

■ 198.7250,
-43.7414, -63.7798

■ 189.1830,
-51.8552, -74.7055

■ 179.7550,
-59.5322, -85.7311

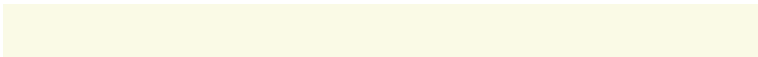
■ 170.0280,
-67.0618, -97.3716

■ 160.4860,
-75.1756, -108.2972

Harmonies

Analogous

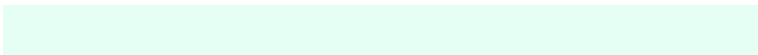
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



247.7200, -8.7360, 1.9996



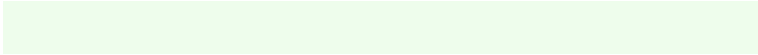
246.5770, -5.2145, -7.5220



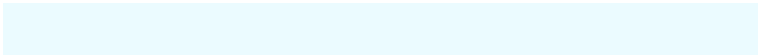
246.0860, -0.5354, -14.9844

Triad

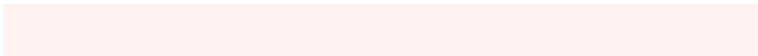
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



246.5770, -5.2145, -7.5220



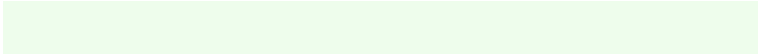
246.6720, 4.1057, -10.2363



245.8870, -1.9163, 7.9921

Complementary

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



246.5770, -5.2145, -7.5220



242.4230, 5.2145, 7.5220

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.



247.0270, 2.4517, 6.9923



246.5770, -5.2145, -7.5220



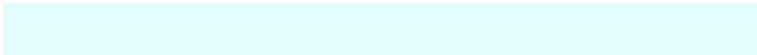
247.9120, 3.4944, -0.7998

Square

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



246.5770, -5.2145, -7.5220



245.4540, 4.7062, -16.1842



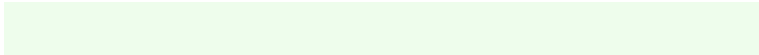
248.5430, 3.1833, 5.6628



246.1490, -5.9895, 7.7623

Rectangle

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



246.5770, -5.2145, -7.5220



245.6880, 3.1118, -18.1434



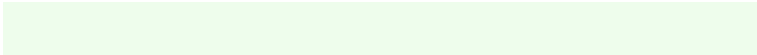
248.5430, 3.1833, 5.6628



246.2290, -0.6059, 7.6922

Sweetspot

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



246.5770, -5.2145, -7.5220



253.2340, -1.5944, -1.9592



249.8880, -6.8468, 2.7292



126.7610, -0.8682, -1.5444



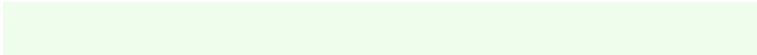
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



246.5770, -5.2145, -7.5220



247.3380, -6.0826, -9.0664



246.6630, -2.2989, -9.3515



122.9300, -3.9095, -6.0776



118.6950, -58.5166, -84.8015



39.6610, -19.5529, -28.6437

Inverse Universe

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



242.4230, 5.2145, 7.5220



242.6620, 6.0826, 9.0664



242.3370, 2.2989, 9.3515



119.7710, 4.0569, 5.4628



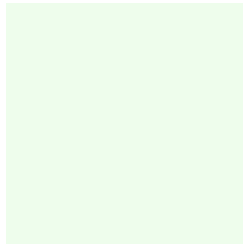
72.3050, 58.5166, 84.8015



24.0400, 19.7003, 28.0289

Previews

White Background



This preview shows how the YUV color 246.5770, -5.2145, -7.5220 looks on a white background.

Color Contrast Check

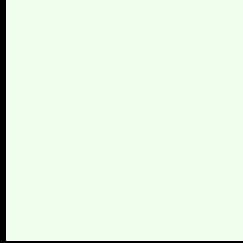
Large Text (above 18pt) WCAG AA × Fail

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 246.5770, -5.2145, -7.5220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

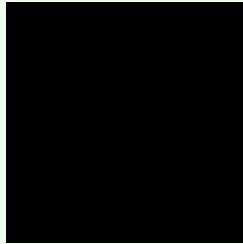
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

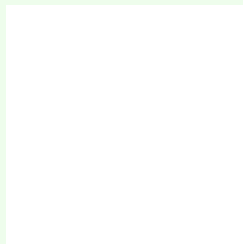
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 246.5770, -5.2145, -7.5220

Background



This preview shows how black text looks on a background with the YUV color 246.5770, -5.2145, -7.5220.



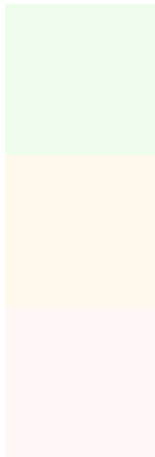
This preview shows how white text looks on a background with the YUV color 246.5770, -5.2145, -7.5220.

-7.520.

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

246.5770, -5.2145, -7.5220

Protanopia

248.7250, -6.2734, 5.5032

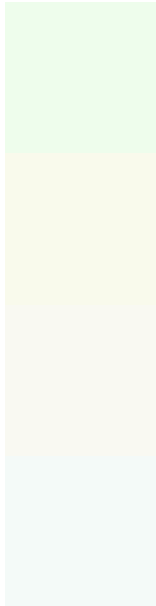
Deuteranopia

249.2780, -1.6161, 5.0182

Tritanopia

248.4990, 3.2050, -1.3146

Trichromacy



Original Color

246.5770, -5.2145, -7.5220

Protanomaly

248.1050, -5.9678, 0.7849

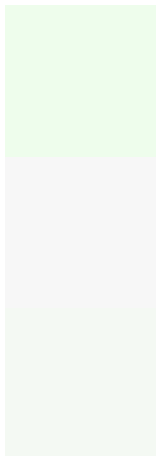
Deuteranomaly

248.2020, -3.0576, 0.6998

Tritanomaly

247.9780, 0.0108, -3.4887

Monochromacy



Original Color

246.5770, -5.2145, -7.5220

Achromatopsia

247.0000, 0.0000, 0.0000

Achromatomaly

246.8210, -1.8838, -2.4740

CSS Examples

Text

The CSS property to change the color of the text to YUV 246.5770, -5.2145, -7.5220 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(238, 253, 236)` looks like.

```
.text, #text, p{  
    color:rgb(238, 253, 236)  
}
```

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(238, 253, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 253, 236) }
```

Border

The CSS property to change the border of an element to YUV 246.5770, -5.2145, -7.5220 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(238, 253, 236) }
```


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

```
.border{ border-color:rgb(238, 253, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 253, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 253, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 253, 236);  
box-shadow:4px 4px 4px 4px rgb(238, 253,  
236) }
```

Background

The CSS property to change the background color of an element to YUV 246.5770, -5.2145, -7.5220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 253, 236) }
```

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

```
.background{ background-color: rgb(238,  
253, 236) }
```

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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