

Converting Colors

YUV(247.0390, -5.9352, -9.6812)

Have a look what the booklet for
YUV(247.0390, -5.9352, -9.6812)
contains.

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Color

**YUV(247.0390, -5.9352,
-9.6812)**

Conversions

Conversions Part 1

Format	Color
Hex	ECFFEB
RGB	236, 255, 235
RGB Percent	93%, 100%, 92%
CMY	0.0745, 0.0000, 0.0784
CMYK	0.07, 0.00, 0.08, 0.00
HSL	117°, 100%, 96%
HSV	117°, 8%, 100%
XYZ	85.3475, 95.3510, 92.5036
YIQ	247.0390, -4.9040, -10.2480

Conversions

Conversions Part 2

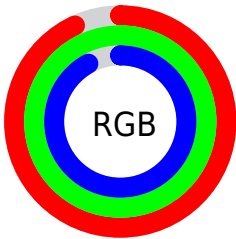
Format	Color
R_{YB}	235, 255, 254
Decimal	15532011
CIE Lab	98.17, -9.75, 7.43
CIE LCh	98, 12.259, 142.693
Yxy	95.3510, 0.3124, 0.3490
Android (android.graphics.Color)	4293722091 (0xFFECCFFEB)
YUV	247.0390, -5.9352, -9.6812
Hunter-Lab	97.6478, -14.8688, 12.1870

Details

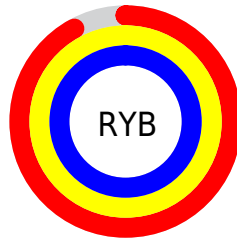
The YUV color $247.0390, -5.9352, -9.6812$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $242.9610, 5.9352, 9.6812$, and the grayscale version is $247.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $190.4520, -5.6458, -9.1664$ is the 20% darker color. If you saturate the color by 10%, you get $237.0130, -13.3174, -21.9364$, and if you desaturate by 10%, it is $255.0000, 0.0000, 0.0000$.

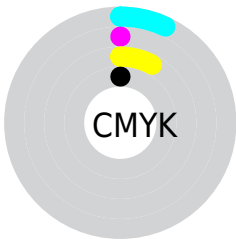
Distribution



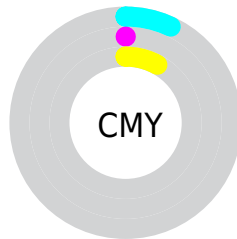
- Red (93%)
- Green (100%)
- Blue (92%)



- Red (92%)
- Yellow (100%)
- Blue (100%)



- Cyan (7%)
- Magenta (0%)
- Yellow (8%)
- Black (0%)




- Cyan (7%)
- Magenta (0%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 247.0390, -5.9352, -9.6812 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 247.0390, -5.9352, -9.6812 by changing the saturation by 10% instead.

 247.0390, -5.9352,
-9.6812


 247.0390, -5.9352,
-9.6812


255.0000, 0.0000,
0.0000


 218.4520, -5.6458,
-9.1664

 190.4520, -5.6458,
-9.1664

 163.5660, -5.2090,
-9.2664

 136.9790, -4.9196,
-8.7516

 111.9790, -4.9196,
-8.7516

 87.3920, -4.6303,
-8.2368

 63.8050, -4.3409,

-7.7220

■ 41.8050, -4.3409,
-7.7220

■ 20.9900, -4.9251,
-7.0072

■ 247.0390, -5.9352,
-9.6812

■ 247.0390, -5.9352,
-9.6812

■ 237.0130,
-13.3174, -21.9364

255.0000, 0.0000,
0.0000

■ 226.8730,
-21.1364, -34.0916

■ 216.4340,
-28.8080, -46.8616

■ 206.4080,
-36.1901, -59.1168

■ 196.2680,
-44.0091, -71.2720

■ 186.2420,
-51.3913, -83.5272

■ 175.9170,
-58.6261, -96.3972

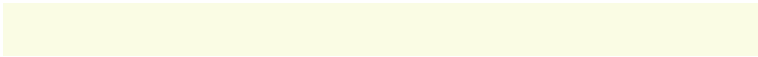
■ 165.7770,
-66.4451, -108.5524

■ 155.7510,
-73.8272, -120.8076

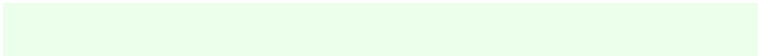
Harmonies

Analogous

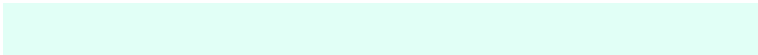
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



248.6660, -10.1883, 1.1699



247.0390, -5.9352, -9.6812



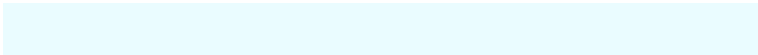
245.0040, 0.4910, -17.5435

Triad

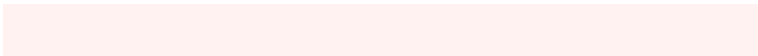
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



247.0390, -5.9352, -9.6812



246.9600, 3.9637, -11.3659



245.7730, -2.3531, 8.0921

Complementary

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



247.0390, -5.9352, -9.6812



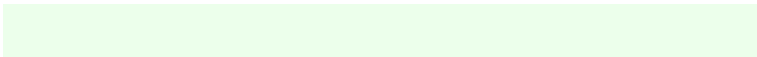
242.9610, 5.9352, 9.6812

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.



247.1410, 2.8885, 6.8923



247.0390, -5.9352, -9.6812



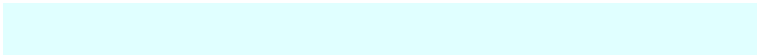
249.0970, 2.9102, -0.0851

Square

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



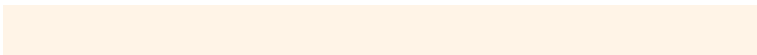
247.0390, -5.9352, -9.6812



245.7310, 4.5696, -19.0581



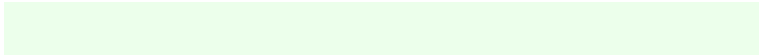
248.5430, 3.1833, 5.6628



245.8070, -7.2999, 8.0623

Rectangle

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



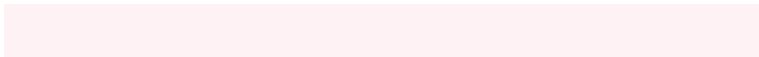
247.0390, -5.9352, -9.6812



244.7200, 4.5750, -20.8024



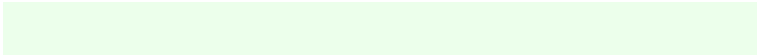
248.5430, 3.1833, 5.6628



246.2290, -0.6059, 7.6922

Sweetspot

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



247.0390, -5.9352, -9.6812



252.9350, -1.4470, -2.5740



252.1330, -8.4466, 2.5144



126.7610, -0.8682, -1.5444



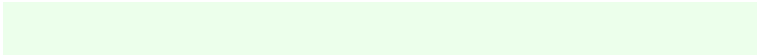
0.0000, 0.0000, 0.0000



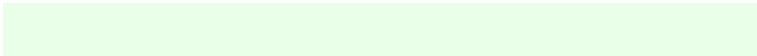
128.0000, 0.0000, 0.0000

Same Dimension

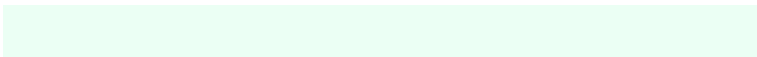
The Same Dimension uses a secret algorithm to generate beautiful new colors.



247.0390, -5.9352, -9.6812



245.8000, -6.8034, -11.2256



247.7660, -1.8566, -11.1958



122.6310, -3.7621, -6.6924



115.1070, -56.7478, -92.1788



38.4650, -18.9632, -31.1028

Inverse Universe

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



242.9610, 5.9352, 9.6812



241.2000, 6.8034, 11.2256



242.2340, 1.8566, 11.1958



120.0700, 3.9095, 6.0776



76.1920, 56.6003, 92.7936



25.5350, 18.9632, 31.1028

Previews

White Background



This preview shows how the YUV color 247.0390, -5.9352, -9.6812 looks on a white background.

Color Contrast Check

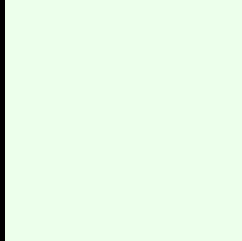
Large Text (above 18pt) WCAG AA × Fail

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 247.0390, -5.9352, -9.6812 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

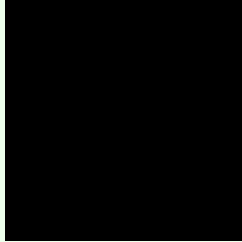
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

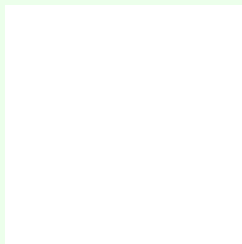
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 247.0390, -5.9352, -9.6812

Background



This preview shows how black text looks on a background with the YUV color 247.0390, -5.9352, -9.6812.



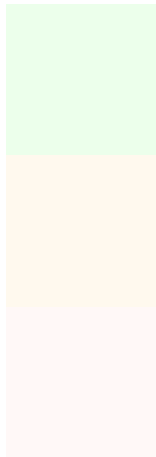
This preview shows how white text looks on a background with the YUV color 247.0390, -5.9352, -9.6812.

-9.6812.

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

247.0390, -5.9352, -9.6812

Protanopia

249.5400, -5.6892, 4.7884

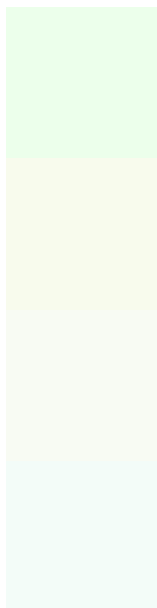
Deuteranopia

249.9790, -1.4686, 4.4034

Tritanopia

249.6730, 2.6262, -2.3442

Trichromacy



Original Color

247.0390, -5.9352, -9.6812

Protanomaly

248.5070, -5.6730, -0.4446

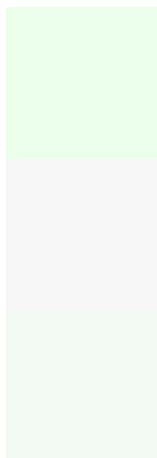
Deuteranomaly

249.1910, -3.0522, -1.0445

Tritanomaly

248.8530, -0.4205, -5.1331

Monochromacy



Original Color

247.0390, -5.9352, -9.6812

Achromatopsia

247.0000, 0.0000, 0.0000

Achromatomaly

247.1090, -2.0257, -3.6036

CSS Examples

Text

The CSS property to change the color of the text to YUV 247.0390, -5.9352, -9.6812 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(236, 255, 235)` looks like.

```
.text, #text, p{  
    color:rgb(236, 255, 235)  
}
```

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(236, 255, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 255, 235) }
```

Border

The CSS property to change the border of an element to YUV 247.0390, -5.9352, -9.6812 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(236, 255, 235) }
```


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

```
.border{ border-color:rgb(236, 255, 235) }
```

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

Here you see how a box with a 4 pixel rgb(236, 255, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 255, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 255, 235);  
box-shadow:4px 4px 4px 4px rgb(236, 255,  
235) }
```

Background

The CSS property to change the background color of an element to YUV 247.0390, -5.9352, -9.6812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 255, 235) }
```

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

```
.background{ background-color: rgb(236,  
255, 235) }
```

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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