

Converting Colors

YUV(243.6310, -3.7621, -6.6924)

Have a look what the booklet for
YUV(243.6310, -3.7621, -6.6924)
contains.

YUV(243.6310, -3.7621, -6.6924)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(243.6310, -3.7621,
-6.6924)**

Conversions

Conversions Part 1

Format	Color
Hex	ECF9EC
RGB	236, 249, 236
RGB Percent	93%, 98%, 93%
CMY	0.0745, 0.0235, 0.0745
CMYK	0.05, 0.00, 0.05, 0.02
HSL	120°, 52%, 95%
HSV	120°, 5%, 98%
XYZ	83.6081, 91.6404, 92.6386
YIQ	243.6310, -3.5750, -6.7990

Conversions

Conversions Part 2

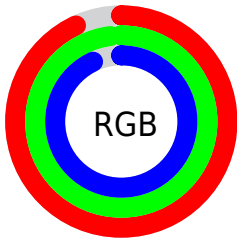
Format	Color
R _Y B	236, 249, 249
Decimal	15530476
CIE Lab	96.67, -6.58, 4.75
CIE LCh	97, 8.117, 144.180
Yxy	91.6404, 0.3121, 0.3421
Android (android.graphics.Color)	4293720556 (0xFFE9F9EC)
YUV	243.6310, -3.7621, -6.6924
Hunter-Lab	95.7290, -11.6268, 9.6343

Details

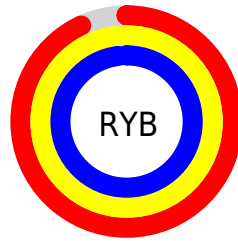
The YUV color $243.6310, -3.7621, -6.6924$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $241.3690, 3.7621, 6.6924$, and the grayscale version is $244.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $187.6310, -3.7621, -6.6924$ is the 20% darker color. If you saturate the color by 10%, you get $233.3060, -10.9969, -19.5624$, and if you desaturate by 10%, it is $251.4780, 1.7363, 3.0888$.

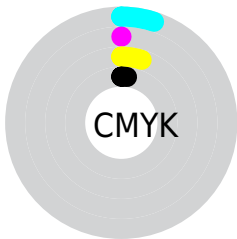
Distribution



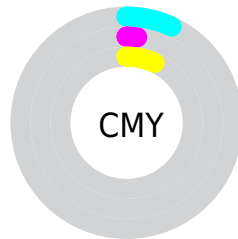
- Red (93%)
- Green (98%)
- Blue (93%)



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



- Cyan (5%)
- Magenta (0%)
- Yellow (5%)
- Black (2%)





- Cyan (7%)
- Magenta (2%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 243.6310, -3.7621, -6.6924 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 243.6310, -3.7621, -6.6924 by changing the saturation by 10% instead.

 243.6310, -3.7621,
-6.6924


 243.6310, -3.7621,
-6.6924

255.0000, 0.0000,
0.0000


 215.0440, -3.4727,
-6.1776

 187.6310, -3.7621,
-6.6924

 160.0440, -3.4727,
-6.1776

 134.1580, -3.0359,
-6.2776

 109.0440, -3.4727,
-6.1776

 84.4570, -3.1833,
-5.6628

 61.5710, -2.7465,

-5.7628

■ 39.8700, -2.8939,
-5.1480

■ 18.4570, -3.1833,
-5.6628

■ 243.6310, -3.7621,
-6.6924

■ 243.6310, -3.7621,
-6.6924

■ 233.3060,
-10.9969, -19.5624

■ 251.4780, 1.7363,
3.0888

■ 222.9810,
-18.2316, -32.4323

■ 212.6560,
-25.4664, -45.3023

■ 202.3310,
-32.7012, -58.1723

■ 192.4190,
-39.6466, -70.5275

■ 182.0940,
-46.8813, -83.3974

■ 171.7690,
-54.1161, -96.2674

■ 161.4440,
-61.3509, -109.1374

■ 151.1190,
-68.5857, -122.0074

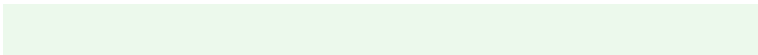
Harmonies

Analogous

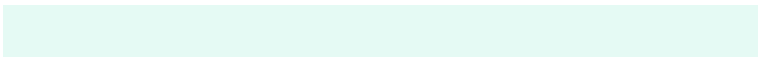
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



244.5780, -6.6940, 0.3701



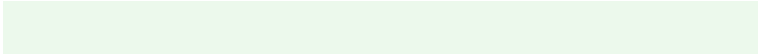
243.6310, -3.7621, -6.6924



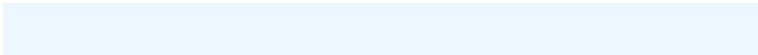
243.0370, 0.4748, -12.3104

Triad

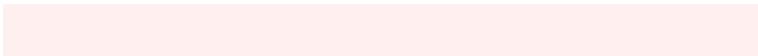
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



243.6310, -3.7621, -6.6924



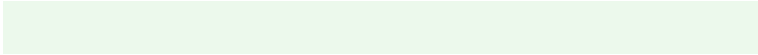
244.6230, 5.1159, -7.5624



244.3710, -2.6479, 9.3216

Complementary

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



243.6310, -3.7621, -6.6924



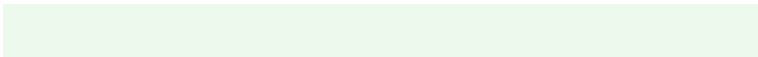
241.3690, 3.7621, 6.6924

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.



245.2830, 0.8465, 8.5218



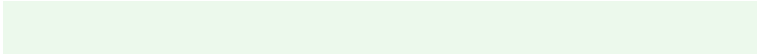
243.6310, -3.7621, -6.6924



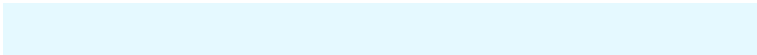
245.5530, 4.6574, -0.4850

Square

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



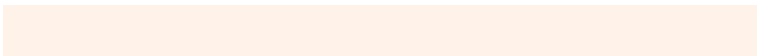
243.6310, -3.7621, -6.6924



243.7040, 5.5689, -12.8954



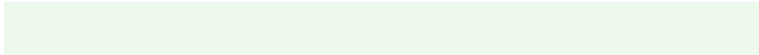
247.0700, 3.9095, 6.0776



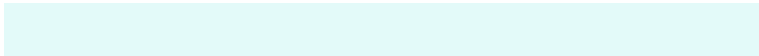
244.8610, -5.8475, 8.8919

Rectangle

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



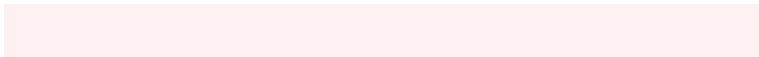
243.6310, -3.7621, -6.6924



243.0090, 2.9536, -14.0399



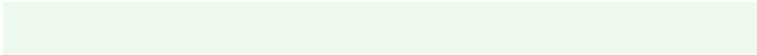
247.0700, 3.9095, 6.0776



244.7130, -1.3375, 9.0217

Sweetspot

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



243.6310, -3.7621, -6.6924



252.9350, -1.4470, -2.5740



247.5180, -5.6784, 1.2997



126.7610, -0.8682, -1.5444



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

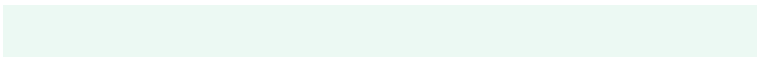
The Same Dimension uses a secret algorithm to generate beautiful new colors.



243.6310, -3.7621, -6.6924



248.8050, -4.3409, -7.7220



244.4290, -0.7045, -7.3922



121.2830, -2.6045, -4.6332



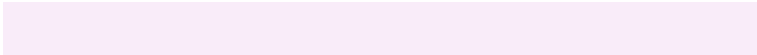
110.9430, -54.6949, -97.2970



35.8070, -17.6529, -31.4027

Inverse Universe

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



241.3690, 3.7621, 6.6924



246.1950, 4.3409, 7.7220



240.6850, 1.1413, 7.2923



119.7170, 2.6045, 4.6332



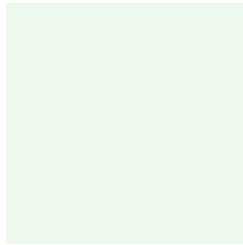
78.0570, 54.6949, 97.2970



25.1930, 17.6529, 31.4027

Previews

White Background



This preview shows how the YUV color 243.6310, -3.7621, -6.6924 looks on a white background.

Color Contrast Check

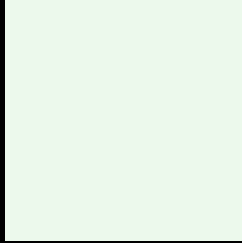
Large Text (above 18pt) WCAG AA × Fail

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 243.6310, -3.7621, -6.6924 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

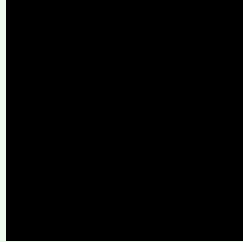
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

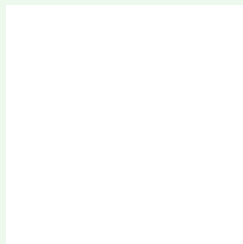
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 243.6310, -3.7621, -6.6924

Background



This preview shows how black text looks on a background with the YUV color 243.6310, -3.7621, -6.6924.



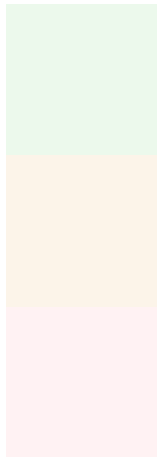
This preview shows how white text looks on a background with the YUV color 243.6310, -3.7621, -6.6924.

-6.6924.

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

243.6310, -3.7621, -6.6924

Protanopia

245.1380, -5.9840, 6.0180

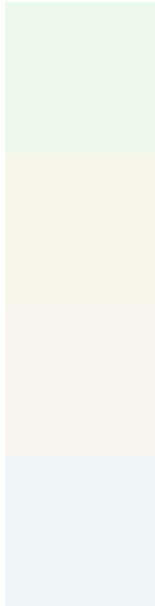
Deuteranopia

246.0010, -1.4795, 7.8921

Tritanopia

245.5420, 4.6628, -2.2293

Trichromacy



Original Color

243.6310, -3.7621, -6.6924

Protanomaly

244.6320, -5.2416, 1.1997

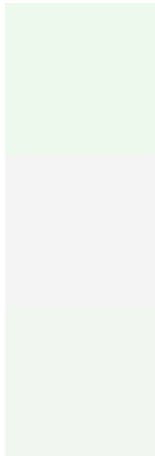
Deuteranomaly

245.3270, -2.6262, 2.3442

Tritanomaly

244.4340, 1.7580, -3.8886

Monochromacy



Original Color

243.6310, -3.7621, -6.6924

Achromatopsia

244.0000, 0.0000, 0.0000

Achromatomaly

243.9350, -1.4470, -2.5740

CSS Examples

Text

The CSS property to change the color of the text to YUV 243.6310, -3.7621, -6.6924 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, 249, 236)` looks like.

```
.text, #text, p{  
    color:rgb(236, 249, 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(236, 249, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 249, 236) }
```

Border

The CSS property to change the border of an element to YUV 243.6310, -3.7621, -6.6924 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, 249, 236) }
```


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

```
.border{ border-color:rgb(236, 249, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 249, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(236, 249, 236); -webkit-box-shadow:4px 4px 4px 4px rgb(236, 249, 236); box-shadow:4px 4px 4px 4px rgb(236, 249, 236) }
```

Background

The CSS property to change the background color of an element to YUV 243.6310, -3.7621, -6.6924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 249, 236) }
```

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

```
.background{ background-color: rgb(236,  
249, 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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