

Converting Colors

YUV(236.9430, 6.4371,
-11.3510)

Have a look what the booklet for
YUV(236.9430, 6.4371, -11.3510)
contains.

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Color

**YUV(236.9430, 6.4371,
-11.3510)**

Conversions

Conversions Part 1

Format	Color
Hex	E0F1FA
RGB	224, 241, 250
RGB Percent	88%, 95%, 98%
CMY	0.1216, 0.0549, 0.0196
CMYK	0.10, 0.04, 0.00, 0.02
HSL	201°, 72%, 93%
HSV	201°, 10%, 98%
XYZ	79.4511, 85.6600, 102.7890
YIQ	236.9430, -13.0210, -0.8050

Conversions

Conversions Part 2

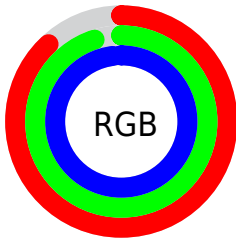
Format	Color
R_{YB}	224, 234, 250
Decimal	14742010
CIE _{Lab}	94.17, -3.85, -6.25
CIE _{LCh}	94, 7.346, 238.359
Yxy	85.6600, 0.2966, 0.3197
Android (android.graphics.Color)	4292932090 (0xFFE0F1FA)
YUV	236.9430, 6.4371, -11.3510
Hunter-Lab	92.5527, -8.7354, -1.0606

Details

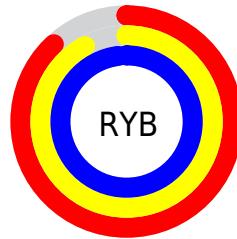
The YUV color $236.9430, 6.4371, -11.3510$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $237.0570, -6.4371, 11.3510$, and the grayscale version is $237.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $181.2420, 6.2897, -10.7362$ is the 20% darker color. If you saturate the color by 10%, you get $224.1850, 12.7268, -22.0872$, and if you desaturate by 10%, it is $249.7010, 0.1474, -0.6148$.

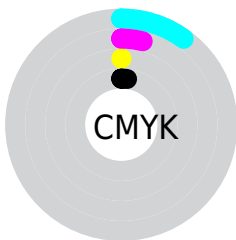
Distribution



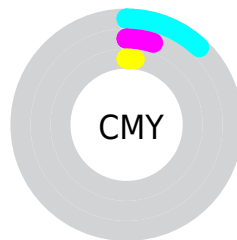
- Red (88%)
- Green (95%)
- Blue (98%)



- Red (88%)
- Yellow (92%)
- Blue (98%)



- Cyan (10%)
- Magenta (4%)
- Yellow (0%)
- Black (2%)



- Cyan (12%)
- Magenta (5%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 236.9430, 6.4371, -11.3510 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 236.9430, 6.4371, -11.3510 by changing the saturation by 10% instead.

■ 236.9430, 6.4371,
-11.3510

■ 236.9430, 6.4371,
-11.3510

255.0000, 0.0000,
0.0000

■ 208.8290, 6.0003,
-11.2510

■ 181.2420, 6.2897,
-10.7362

■ 154.1280, 5.8529,
-10.6363

■ 128.1280, 5.8529,
-10.6363

■ 103.4270, 5.7055,
-10.0215

■ 79.3130, 5.2687,
-9.9215

■ 56.3130, 5.2687,

-9.9215

■ 34.6120, 5.1213,
-9.3067

■ 12.7150, 5.5635,
-11.1511

■ 236.9430, 6.4371,
-11.3510

■ 236.9430, 6.4371,
-11.3510

■ 224.1850, 12.7268,
-22.0872

■ 249.7010, 0.1474,
-0.6148

■ 212.0140, 18.7271,
-33.3383

■ 254.4300, -2.1840,
0.4999

■ 199.2560, 25.0168,
-44.0745

■ 186.4980, 31.3065,
-54.8107

■ 174.3270, 37.3068,
-66.0618

■ 161.5690, 43.5965,
-76.7980

■ 148.8110, 49.8862,
-87.5342

■ 136.6400, 55.8865,
-98.7853

■ 124.1810, 62.0288,
-108.9067

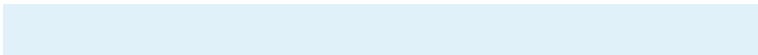
Harmonies

Analogous

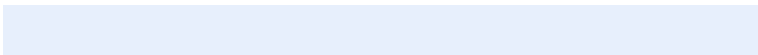
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



236.0630, 4.4059, -13.2103



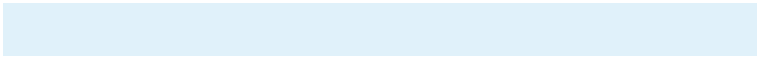
236.9430, 6.4371, -11.3510



238.0900, 6.8576, -6.2179

Triad

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



236.9430, 6.4371, -11.3510



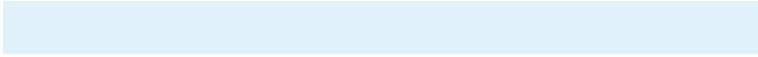
240.2510, -0.6167, 11.1809



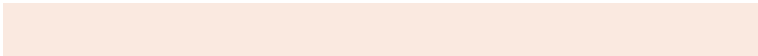
237.5070, -5.6730, -0.4446

Complementary

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



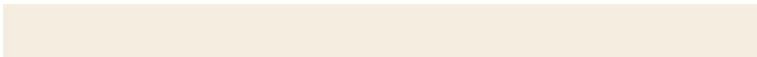
236.9430, 6.4371, -11.3510



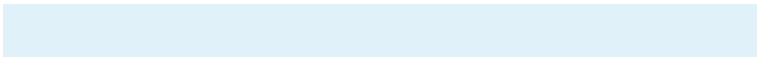
237.0570, -6.4371, 11.3510

Split Complementary

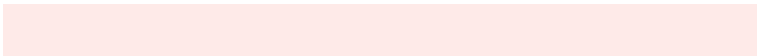
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



238.4970, -7.1470, 5.7031



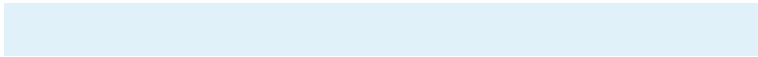
236.9430, 6.4371, -11.3510



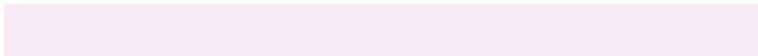
239.7520, -3.8217, 12.4955

Square

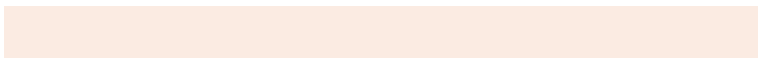
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



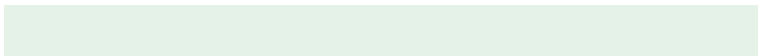
236.9430, 6.4371, -11.3510



239.8420, 3.0359, 6.2776



238.7580, -6.2897, 10.7362



236.8590, -2.8885, -6.8923

Rectangle

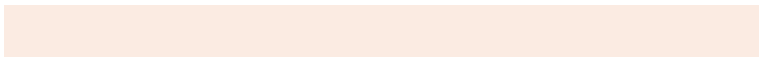
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



236.9430, 6.4371, -11.3510



238.4110, 6.6994, -2.1144



238.7580, -6.2897, 10.7362



237.7030, -6.2626, 2.0145

Sweetspot

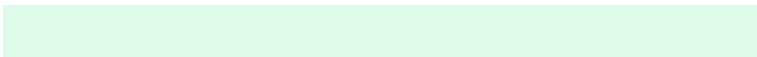
The Sweet Spot groups the original color and five complimentary colors.



236.9430, 6.4371, -11.3510



250.8470, 2.0474, -3.3738



240.2880, -3.5930, -14.2846



125.0320, 1.4632, -2.6591



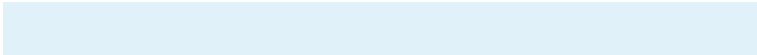
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



236.9430, 6.4371, -11.3510



239.2740, 7.7529, -13.3953



229.3120, 10.1992, -4.6586



118.7650, 3.0739, -5.9329



93.7470, 46.9597, -82.2161



30.4340, 15.0690, -26.6906

Inverse Universe

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



233.7120, 3.5930, 14.2846



235.5490, 4.1663, 17.0585



244.6880, -10.1992, 4.6586



116.9130, 2.0149, 7.0923



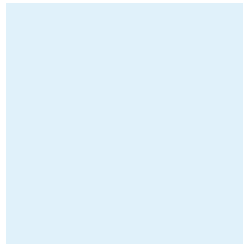
70.5330, 25.8662, 103.8956



22.7990, 8.4801, 33.5023

Previews

White Background



This preview shows how the YUV color 236.9430, 6.4371, -11.3510 looks on a white background.

Color Contrast Check

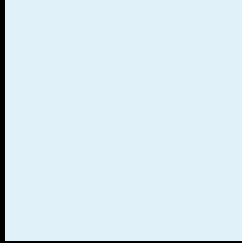
Large Text (above 18pt) WCAG AA × Fail

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 236.9430, 6.4371, -11.3510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

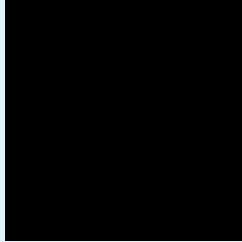
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

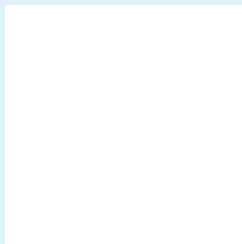
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 236.9430, 6.4371, -11.3510

Background



This preview shows how black text looks on a background with the YUV color 236.9430, 6.4371, -11.3510.



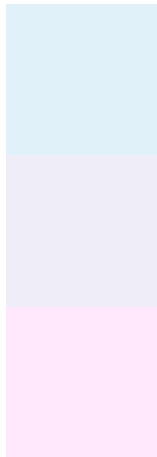
This preview shows how white text looks on a background with the YUV color 236.9430, 6.4371, -11.3510.

-11.3510.

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

236.9430, 6.4371, -11.3510

Protanopia

238.7380, 4.0732, 0.2298

Deuteranopia

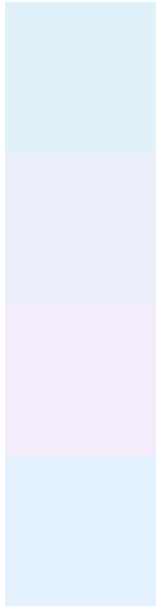
240.5700, 5.6350, 12.6551



Tritanopia

237.5350, 8.6102, -8.3622

Trichromacy



Original Color

236.9430, 6.4371, -11.3510

Protanomaly

237.9440, 4.9576, -3.4589

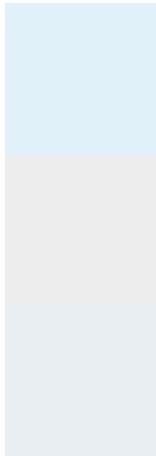
Deuteranomaly

239.5150, 5.6621, 3.9333

Tritanomaly

237.5950, 7.5947, -9.2918

Monochromacy



Original Color

236.9430, 6.4371, -11.3510

Achromatopsia

237.0000, 0.0000, 0.0000

Achromatomaly

236.6620, 2.6316, -4.0886

CSS Examples

Text

The CSS property to change the color of the text to YUV 236.9430, 6.4371, -11.3510 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(224, 241, 250)` looks like.

```
.text, #text, p{  
    color:rgb(224, 241, 250)  
}
```

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(224, 241, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 241, 250) }
```

Border

The CSS property to change the border of an element to YUV 236.9430, 6.4371, -11.3510 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(224, 241, 250) }
```


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

```
.border{ border-color:rgb(224, 241, 250) }
```

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

Here you see how a box with a 4 pixel rgb(224, 241, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 241, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 241, 250);  
box-shadow:4px 4px 4px 4px rgb(224, 241,  
250) }
```

Background

The CSS property to change the background color of an element to YUV 236.9430, 6.4371, -11.3510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 241, 250) }
```

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

```
.background{ background-color: rgb(224,  
241, 250) }
```

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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