

Converting Colors

YUV(236.6490, 9.0470, -8.4622)

Have a look what the booklet for
YUV(236.6490, 9.0470, -8.4622)
contains.

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Color

**YUV(236.6490, 9.0470,
-8.4622)**

Conversions

Conversions Part 1

Format	Color
Hex	E3EEFF
RGB	227, 238, 255
RGB Percent	89%, 93%, 100%
CMY	0.1098, 0.0667, 0.0000
CMYK	0.11, 0.07, 0.00, 0.00
HSL	216°, 100%, 95%
HSV	216°, 11%, 100%
XYZ	80.3031, 84.7000, 106.7240
YIQ	236.6490, -12.0130, 2.9550

Conversions

Conversions Part 2

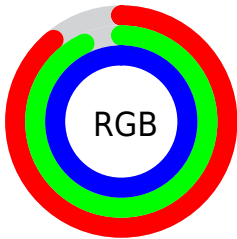
Format	Color
R _Y B	227, 235, 255
Decimal	14937855
CIE Lab	93.75, -0.40, -9.44
CIE LCh	94, 9.447, 267.601
Yxy	84.7000, 0.2955, 0.3117
Android (android.graphics.Color)	4293127935 (0xFFE3EEFF)
YUV	236.6490, 9.0470, -8.4622
Hunter-Lab	92.0326, -5.3067, -4.3318

Details

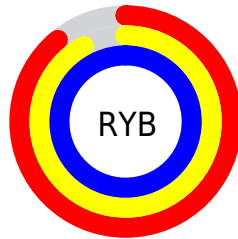
The YUV color $236.6490, 9.0470, -8.4622$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $245.3510, -9.0470, 8.4622$, and the grayscale version is $237.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $180.8340, 8.4628, -7.7474$ is the 20% darker color. If you saturate the color by 10%, you get $220.3690, 17.0731, -16.1096$, and if you desaturate by 10%, it is $252.9290, 1.0210, -0.8147$.

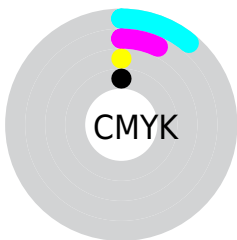
Distribution



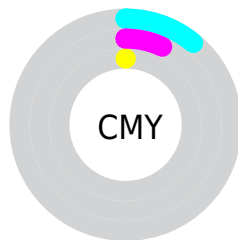
- Red (89%)
- Green (93%)
- Blue (100%)



- Red (89%)
- Yellow (92%)
- Blue (100%)



- Cyan (11%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (11%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 236.6490, 9.0470, -8.4622 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 236.6490, 9.0470, -8.4622 by changing the saturation by 10% instead.

236.6490, 9.0470,
-8.4622

236.6490, 9.0470,
-8.4622

255.0000, 0.0000,
0.0000

208.5350, 8.6102,
-8.3622

180.8340, 8.4628,
-7.7474

153.8340, 8.4628,
-7.7474

127.8340, 8.4628,
-7.7474

102.7200, 8.0260,
-7.6474

78.6060, 7.5892,
-7.5475

55.7910, 7.0050,

-6.8327

■ 34.3780, 6.7156,
-7.3475

■ 11.8940, 7.4473,
-8.6770

■ 236.6490, 9.0470,
-8.4622

■ 236.6490, 9.0470,
-8.4622

■ 220.3690, 17.0731,
-16.1096

■ 252.9290, 1.0210,
-0.8147

■ 203.2030, 25.5359,
-23.8570

255.0000, 0.0000,
0.0000

■ 186.6240, 33.7094,
-32.1192

■ 169.7570, 42.0248,
-39.2519

■ 153.1780, 50.1982,
-47.5141

■ 136.3110, 58.5137,
-54.6467

■ 120.0310, 66.5397,
-62.2942

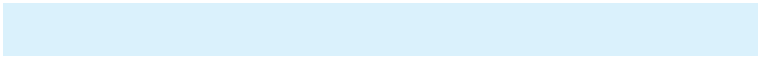
■ 102.8650, 75.0026,
-70.0416

■ 87.7700, 82.4444,
-76.9743

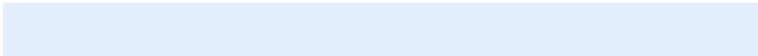
Harmonies

Analogous

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



235.3770, 8.1951, -15.2396



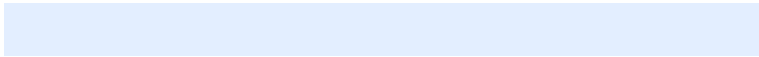
236.6490, 9.0470, -8.4622



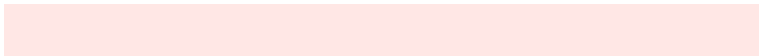
237.9490, 7.4201, 0.0447

Triad

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



236.6490, 9.0470, -8.4622



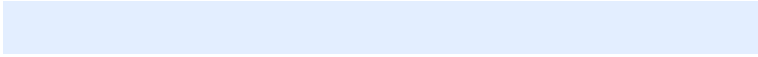
237.9480, -4.4114, 14.9546



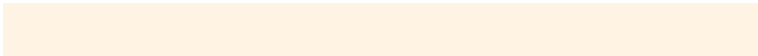
234.6200, -3.7567, -8.4367

Complementary

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



236.6490, 9.0470, -8.4622



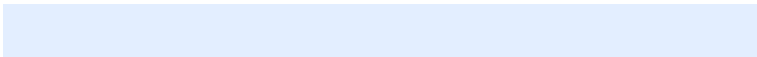
245.3510, -9.0470, 8.4622

Split Complementary

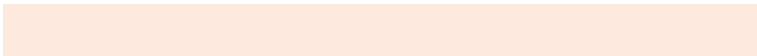
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



235.7520, -7.2727, -0.6595



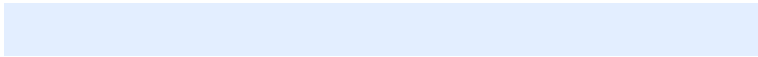
236.6490, 9.0470, -8.4622



238.0250, -7.9003, 14.0101

Square

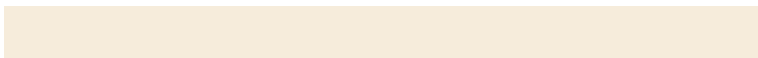
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



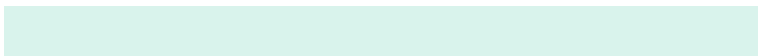
236.6490, 9.0470, -8.4622



238.9740, -0.4802, 14.0548



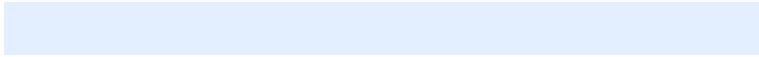
237.0520, -8.8996, 7.8474



234.4280, 0.7750, -15.2844

Rectangle

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



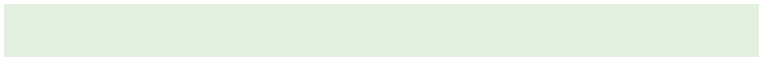
236.6490, 9.0470, -8.4622



238.4120, 5.2199, 5.7777



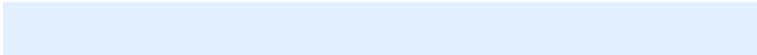
237.0520, -8.8996, 7.8474



235.2890, -5.0725, -6.3925

Sweetspot

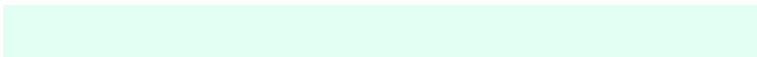
The Sweet Spot groups the original color and five complimentary colors.



236.6490, 9.0470, -8.4622



249.6730, 2.6262, -2.3442



245.3740, -0.6774, -16.1140



123.8580, 2.0420, -1.6295



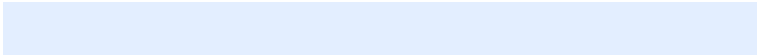
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



236.6490, 9.0470, -8.4622



233.3930, 10.6523, -9.9917



231.0890, 11.7881, -0.9551



119.4170, 4.2314, -3.8737



65.7990, 61.7241, -57.7057



21.9710, 20.7203, -19.2686

Inverse Universe

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



236.6260, 0.6774, 16.1140



233.3490, 0.8139, 18.9879



250.9110, -11.7881, 0.9551



119.4570, 0.2677, 7.4922



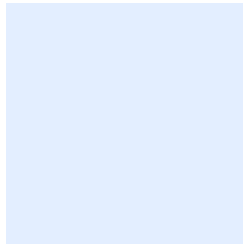
65.6590, 4.6051, 109.9241



21.9860, 1.4859, 36.8463

Previews

White Background



This preview shows how the YUV color 236.6490, 9.0470, -8.4622 looks on a white background.

Color Contrast Check

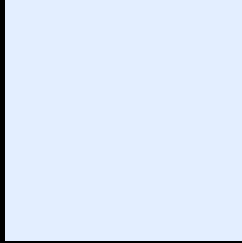
Large Text (above 18pt) WCAG AA × Fail

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 236.6490, 9.0470, -8.4622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

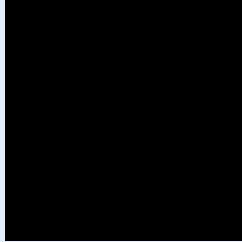
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

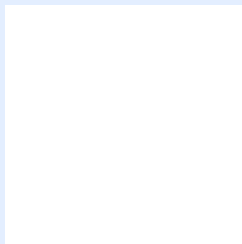
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 236.6490, 9.0470, -8.4622

Background



This preview shows how black text looks on a background with the YUV color 236.6490, 9.0470, -8.4622.



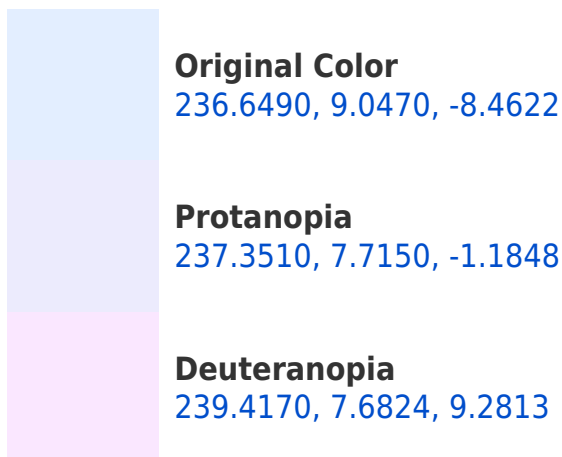
This preview shows how white text looks on a background with the YUV color 236.6490, 9.0470, -8.4622.

-8.4622.

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

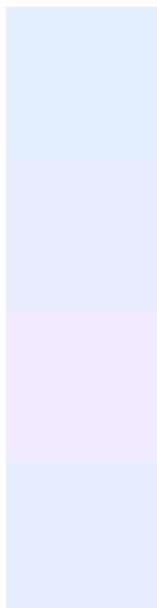




Tritanopia

236.9480, 8.8996, -7.8474

Trichromacy



Original Color

236.6490, 9.0470, -8.4622

Protanomaly

237.1550, 8.3046, -3.6439

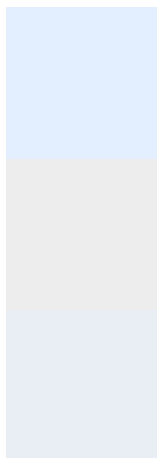
Deuteranomaly

238.7860, 7.9935, 2.8187

Tritanomaly

236.9480, 8.8996, -7.8474

Monochromacy



Original Color

236.6490, 9.0470, -8.4622

Achromatopsia

237.0000, 0.0000, 0.0000

Achromatomaly

236.6020, 3.6472, -3.1590

CSS Examples

Text

The CSS property to change the color of the text to YUV 236.6490, 9.0470, -8.4622 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(227, 238, 255)` looks like.

```
.text, #text, p{  
    color:rgb(227, 238, 255)  
}
```

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(227, 238, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 238, 255) }
```

Border

The CSS property to change the border of an element to YUV 236.6490, 9.0470, -8.4622 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(227, 238, 255) }
```


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

```
.border{ border-color:rgb(227, 238, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 238, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 238, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 238, 255);  
box-shadow:4px 4px 4px 4px rgb(227, 238,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 236.6490, 9.0470, -8.4622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 238, 255) }
```

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

```
.background{ background-color: rgb(227,  
238, 255) }
```

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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