

Converting Colors

YUV(236.9760, 6.4208, -6.1180)

Have a look what the booklet for
YUV(236.9760, 6.4208, -6.1180)
contains.

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Color

**YUV(236.9760, 6.4208,
-6.1180)**

Conversions

Conversions Part 1

Format	Color
Hex	E6EEFA
RGB	230, 238, 250
RGB Percent	90%, 93%, 98%
CMY	0.0980, 0.0667, 0.0196
CMYK	0.08, 0.05, 0.00, 0.02
HSL	216°, 67%, 94%
HSV	216°, 8%, 98%
XYZ	80.4630, 84.8742, 102.5840
YIQ	236.9760, -8.6200, 2.0360

Conversions

Conversions Part 2

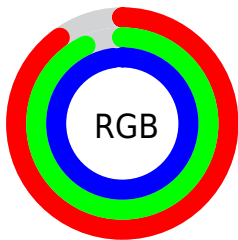
Format	Color
R_{YB}	230, 236, 250
Decimal	15134458
CIE _{Lab}	93.83, -0.41, -6.71
CIE _{LCh}	94, 6.719, 266.535
Yxy	84.8742, 0.3003, 0.3168
Android (android.graphics.Color)	4293324538 (0xFFE6EEFA)
YUV	236.9760, 6.4208, -6.1180
Hunter-Lab	92.1272, -5.3224, -1.5306

Details

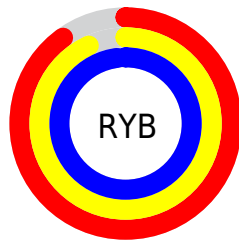
The YUV color $236.9760, 6.4208, -6.1180$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $243.0240, -6.4208, 6.1180$, and the grayscale version is $237.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $180.9760, 6.4208, -6.1180$ is the 20% darker color. If you saturate the color by 10%, you get $220.6960, 14.4469, -13.7654$, and if you desaturate by 10%, it is $253.2560, -1.6052, 1.5295$.

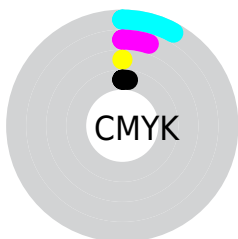
Distribution



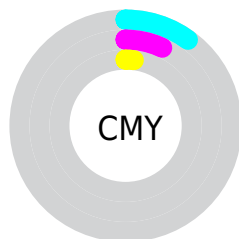
- Red (90%)
- Green (93%)
- Blue (98%)



- Red (90%)
- Yellow (93%)
- Blue (98%)



- Cyan (8%)
- Magenta (5%)
- Yellow (0%)
- Black (2%)



- Cyan (10%)
- Magenta (7%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 236.9760, 6.4208, -6.1180 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 236.9760, 6.4208, -6.1180 by changing the saturation by 10% instead.

■ 236.9760, 6.4208,
-6.1180

■ 236.9760, 6.4208,
-6.1180

255.0000, 0.0000,
0.0000

■ 208.8620, 5.9840,
-6.0180

■ 180.9760, 6.4208,
-6.1180

■ 154.1610, 5.8366,
-5.4032

■ 128.1610, 5.8366,
-5.4032

■ 103.1610, 5.8366,
-5.4032

■ 79.0470, 5.3998,
-5.3032

■ 56.3460, 5.2524,

-4.6884

■ 34.8190, 4.5262,
-5.1033

■ 12.4490, 5.6946,
-6.5328

■ 236.9760, 6.4208,
-6.1180

■ 236.9760, 6.4208,
-6.1180

■ 220.6960, 14.4469,
-13.7654

■ 253.2560, -1.6052,
1.5295

■ 204.4160, 22.4729,
-21.4128

■ 254.4300, -2.1840,
0.4999

■ 188.1360, 30.4990,
-29.0603

■ 171.8560, 38.5250,
-36.7077

■ 155.5760, 46.5510,
-44.3552

■ 139.2960, 54.5771,
-52.0026

■ 123.0160, 62.6031,
-59.6500

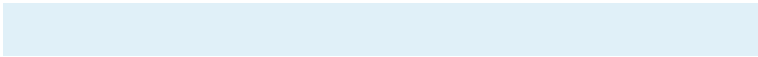
■ 106.7360, 70.6292,
-67.2975

■ 90.4560, 78.6552,
-74.9449

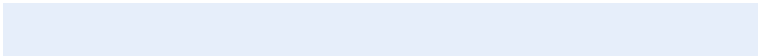
Harmonies

Analogous

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



236.1280, 5.8529, -10.6363



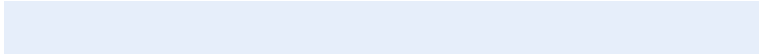
236.9760, 6.4208, -6.1180



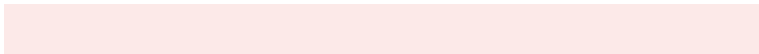
238.0800, 5.3836, -0.0702

Triad

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



236.9760, 6.4208, -6.1180



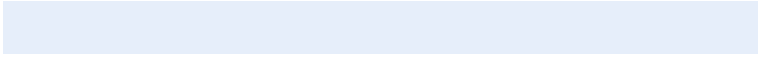
238.5670, -3.2375, 11.7807



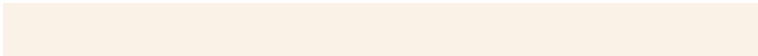
235.5710, -2.7465, -5.7628

Complementary

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



236.9760, 6.4208, -6.1180



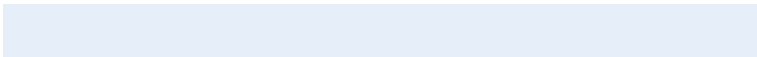
243.0240, -6.4208, 6.1180

Split Complementary

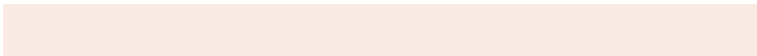
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



236.6210, -5.2362, -0.5446



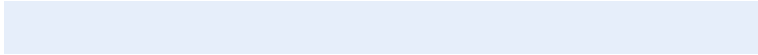
236.9760, 6.4208, -6.1180



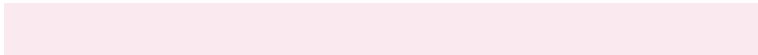
238.2740, -5.5581, 9.4067

Square

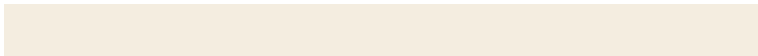
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



236.9760, 6.4208, -6.1180



238.6530, -0.3219, 9.9513



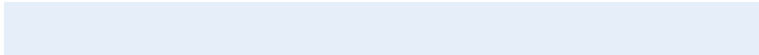
237.6110, -6.7102, 5.6032



235.3470, 0.3219, -9.9513

Rectangle

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



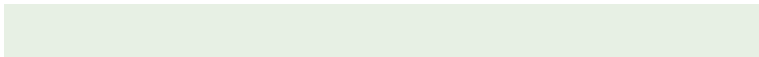
236.9760, 6.4208, -6.1180



238.6460, 3.6255, 3.8185



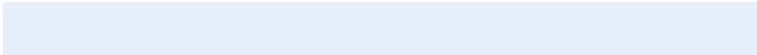
237.6110, -6.7102, 5.6032



235.9410, -3.9149, -4.3333

Sweetspot

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



236.9760, 6.4208, -6.1180



251.7440, 1.6052, -1.5295



243.1080, -0.5462, -11.4957



125.9290, 1.0210, -0.8147



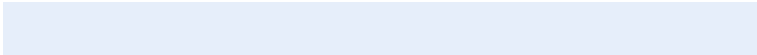
0.0000, 0.0000, 0.0000



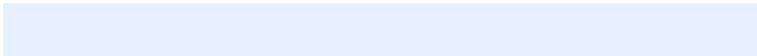
128.0000, 0.0000, 0.0000

Same Dimension

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



236.9760, 6.4208, -6.1180



238.7200, 8.0260, -7.6474



232.8780, 8.4411, -0.7700



116.4170, 4.2314, -3.8737



65.5710, 60.8505, -57.5058



21.0420, 19.6993, -18.4538

Inverse Universe

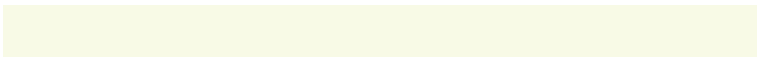
The Inverse Universe completely reimagines the original color for something new.



236.8920, 0.5462, 11.4957



238.6150, 0.6828, 14.3696



247.1220, -8.4411, 0.7700



116.4570, 0.2677, 7.4922



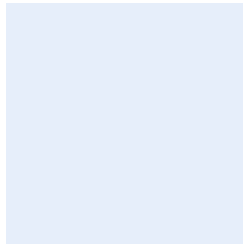
65.0610, 4.8999, 108.6945



20.9750, 1.4913, 35.1019

Previews

White Background



This preview shows how the YUV color 236.9760, 6.4208, -6.1180 looks on a white background.

Color Contrast Check

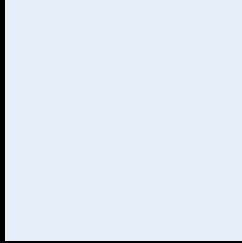
Large Text (above 18pt) WCAG AA × Fail

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 236.9760, 6.4208, -6.1180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

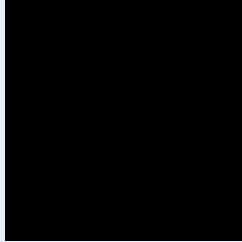
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

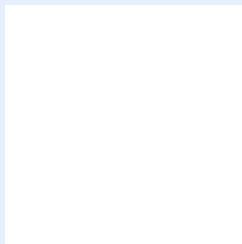
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 236.9760, 6.4208, -6.1180

Background



This preview shows how black text looks on a background with the YUV color 236.9760, 6.4208, -6.1180.



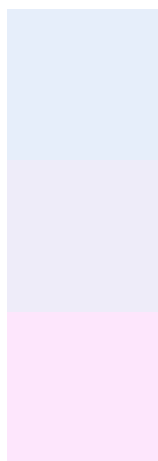
This preview shows how white text looks on a background with the YUV color 236.9760, 6.4208, -6.1180.

-6.1180.

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

236.9760, 6.4208, -6.1180

Protanopia

238.0800, 5.3836, -0.0702

Deuteranopia

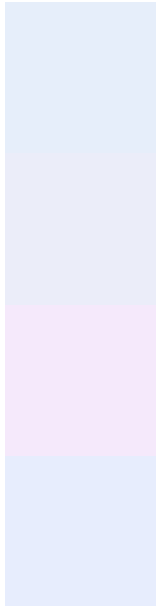
239.3850, 6.2192, 11.9404



Tritanopia

237.2580, 8.7468, -5.4883

Trichromacy



Original Color

236.9760, 6.4208, -6.1180

Protanomaly

237.7700, 5.5364, -2.4293

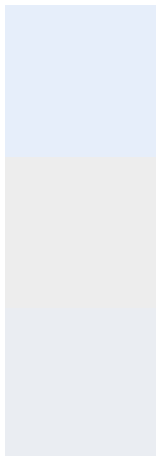
Deuteranomaly

238.6400, 6.0935, 5.5777

Tritanomaly

237.0300, 7.8732, -5.2883

Monochromacy



Original Color

236.9760, 6.4208, -6.1180

Achromatopsia

237.0000, 0.0000, 0.0000

Achromatomaly

236.6730, 2.6262, -2.3442

CSS Examples

Text

The CSS property to change the color of the text to YUV 236.9760, 6.4208, -6.1180 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(230, 238, 250)` looks like.

```
.text, #text, p{  
    color:rgb(230, 238, 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(230, 238, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 238, 250) }
```

Border

The CSS property to change the border of an element to YUV 236.9760, 6.4208, -6.1180 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(230, 238, 250) }
```


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

```
.border{ border-color:rgb(230, 238, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 238, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 238, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 238, 250);  
box-shadow:4px 4px 4px 4px rgb(230, 238,  
250) }
```

Background

The CSS property to change the background color of an element to YUV 236.9760, 6.4208, -6.1180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 238, 250) }
```

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

```
.background{ background-color: rgb(230,  
238, 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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