

Converting Colors

YUV(236.4120, 1.7689, -7.3773)

Have a look what the booklet for
YUV(236.4120, 1.7689, -7.3773)
contains.

YUV(236.4120, 1.7689, -7.3773)	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(236.4120, 1.7689,
-7.3773)**

Conversions

Conversions Part 1

Format	Color
Hex	E4F0F0
RGB	228, 240, 240
RGB Percent	89%, 94%, 94%
CMY	0.1059, 0.0588, 0.0588
CMYK	0.05, 0.00, 0.00, 0.06
HSL	180°, 29%, 92%
HSV	180°, 5%, 94%
XYZ	78.8832, 85.1054, 94.7075
YIQ	236.4120, -7.1520, -2.5440

Conversions

Conversions Part 2

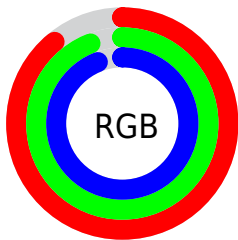
Format	Color
R _Y B	228, 234, 240
Decimal	15003888
CIE Lab	93.93, -3.95, -1.38
CIE LCh	94, 4.186, 199.279
Yxy	85.1054, 0.3049, 0.3290
Android (android.graphics.Color)	4293193968 (0xFFE4F0F0)
YUV	236.4120, 1.7689, -7.3773
Hunter-Lab	92.2526, -8.8106, 3.7091

Details

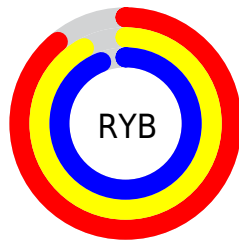
The YUV color $236.4120, 1.7689, -7.3773$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $231.5880, -1.7689, 7.3773$, and the grayscale version is $236.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $180.7110, 1.6215, -6.7625$ is the 20% darker color. If you saturate the color by 10%, you get $229.2360, 5.3067, -22.1320$, and if you desaturate by 10%, it is $243.5880, -1.7689, 7.3773$.

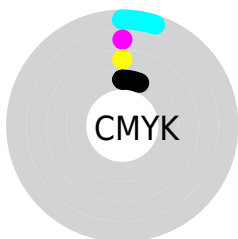
Distribution



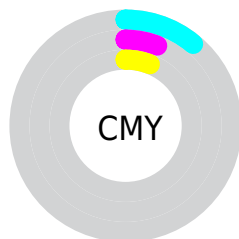
- Red (89%)
- Green (94%)
- Blue (94%)



- Red (89%)
- Yellow (92%)
- Blue (94%)



- Cyan (5%)
- Magenta (0%)
- Yellow (0%)
- Black (6%)



- Cyan (11%)
- Magenta (6%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 236.4120, 1.7689, -7.3773 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 236.4120, 1.7689, -7.3773 by changing the saturation by 10% instead.

■ 236.4120, 1.7689,
-7.3773

■ 236.4120, 1.7689,
-7.3773

255.0000, 0.0000,
0.0000

■ 208.4120, 1.7689,
-7.3773

■ 180.7110, 1.6215,
-6.7625

■ 153.7110, 1.6215,
-6.7625

■ 127.7110, 1.6215,
-6.7625

■ 102.7110, 1.6215,
-6.7625

■ 79.0100, 1.4741,
-6.1478

■ 56.0100, 1.4741,

-6.1478

■ 34.3090, 1.3267,
-5.5330

■ 11.8140, 2.0637,
-8.6069

■ 236.4120, 1.7689,
-7.3773

■ 236.4120, 1.7689,
-7.3773

■ 229.2360, 5.3067,
-22.1320

■ 243.5880, -1.7689,
7.3773

■ 222.0600, 8.8444,
-36.8866

■ 244.4850, -2.2111,
9.2217

■ 214.8840, 12.3822,
-51.6413

■ 207.7080, 15.9200,
-66.3959

■ 200.5320, 19.4577,
-81.1506

■ 193.3560, 22.9955,
-95.9052

■ 186.1800, 26.5333,
-110.6599

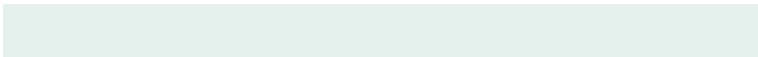
■ 179.0040, 30.0710,
-125.4145

■ 171.8280, 33.6088,
-140.1692

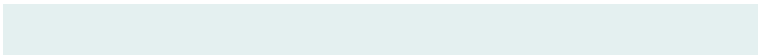
Harmonies

Analogous

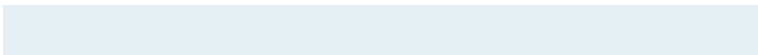
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



236.5540, -0.2731, -5.7479



236.4120, 1.7689, -7.3773



236.4660, 3.2213, -6.5477

Triad

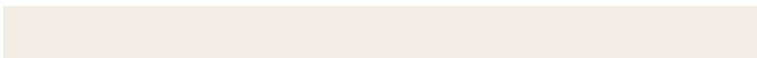
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



236.4120, 1.7689, -7.3773



238.5920, 2.1731, 2.9888



237.9960, -3.9420, 4.3885

Complementary

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



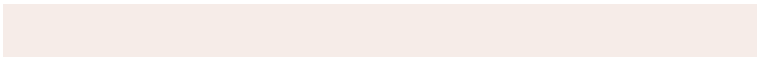
236.4120, 1.7689, -7.3773



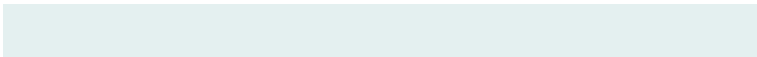
231.5880, -1.7689, 7.3773

Split Complementary

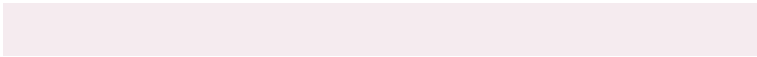
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



238.5340, -3.2213, 6.5477



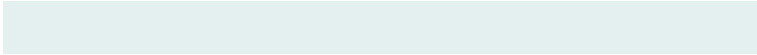
236.4120, 1.7689, -7.3773



238.4460, 0.2731, 5.7479

Square

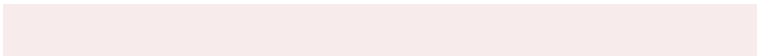
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



236.4120, 1.7689, -7.3773



237.9120, 3.4944, -0.7998



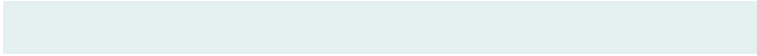
238.5880, -1.7689, 7.3773



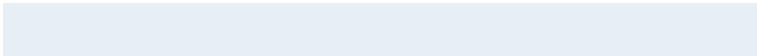
237.0880, -3.4944, 0.7998

Rectangle

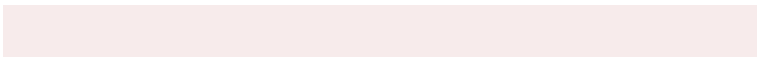
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



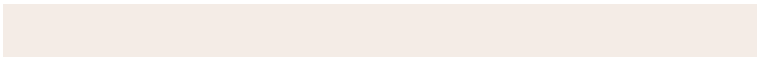
236.4120, 1.7689, -7.3773



237.2920, 3.8000, -5.5181



238.5880, -1.7689, 7.3773



237.7080, -3.8000, 5.5181

Sweetspot

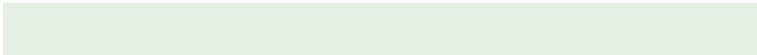
The Sweet Spot groups the original color and five complimentary colors.



236.4120, 1.7689, -7.3773



253.5050, 0.7370, -3.0739



235.0440, -3.4727, -6.1776



127.1030, 0.4422, -1.8443



0.0000, 0.0000, 0.0000



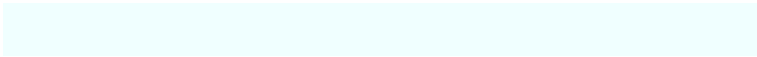
128.0000, 0.0000, 0.0000

Same Dimension

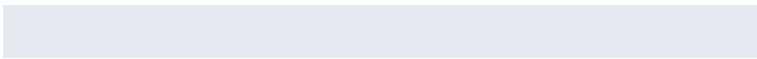
The Same Dimension uses a secret algorithm to generate beautiful new colors.



236.4120, 1.7689, -7.3773



250.5150, 2.2111, -9.2217



232.8900, 3.5052, -4.2885



117.3090, 1.3267, -5.5330



128.9840, 27.1229, -113.1190



39.2560, 8.2548, -34.4275

Inverse Universe

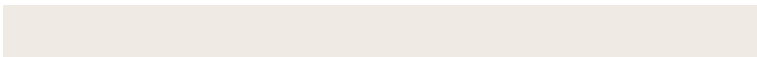
The Inverse Universe completely reimagines the original color for something new.



232.9560, 3.4727, 6.1776



246.1950, 4.3409, 7.7220



235.1100, -3.5052, 4.2885



114.7170, 2.6045, 4.6332



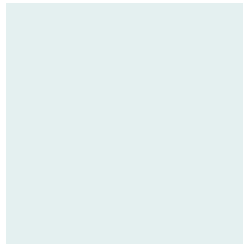
75.9920, 53.2479, 94.7230



23.1280, 16.2059, 28.8287

Previews

White Background



This preview shows how the YUV color 236.4120, 1.7689, -7.3773 looks on a white background.

Color Contrast Check

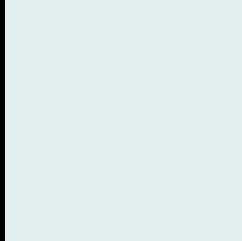
Large Text (above 18pt) WCAG AA × Fail

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 236.4120, 1.7689, -7.3773 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

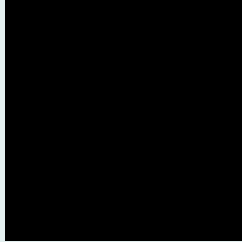
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

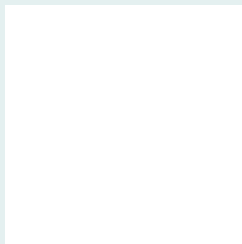
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 236.4120, 1.7689, -7.3773

Background



This preview shows how black text looks on a background with the YUV color 236.4120, 1.7689, -7.3773.



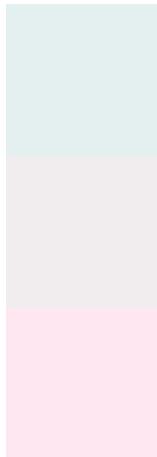
This preview shows how white text looks on a background with the YUV color 236.4120, 1.7689, -7.3773.

-7.3773.

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

236.4120, 1.7689, -7.3773

Protanopia

237.7230, 0.1366, 2.8739

Deuteranopia

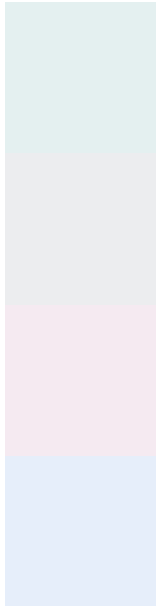
239.3160, 0.8302, 13.7549



Tritanopia

237.2580, 8.7468, -5.4883

Trichromacy



Original Color

236.4120, 1.7689, -7.3773

Protanomaly

236.9290, 1.0210, -0.8147

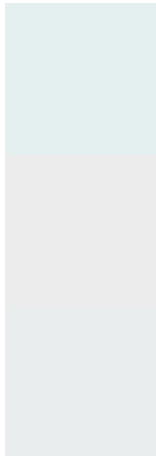
Deuteranomaly

238.0870, 1.4361, 6.0627

Tritanomaly

236.9760, 6.4208, -6.1180

Monochromacy



Original Color

236.4120, 1.7689, -7.3773

Achromatopsia

236.0000, 0.0000, 0.0000

Achromatomaly

235.8040, 0.5896, -2.4591

CSS Examples

Text

The CSS property to change the color of the text to YUV 236.4120, 1.7689, -7.3773 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(228, 240, 240)` looks like.

```
.text, #text, p{  
    color:rgb(228, 240, 240)  
}
```

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(228, 240, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 240, 240) }
```

Border

The CSS property to change the border of an element to YUV 236.4120, 1.7689, -7.3773 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(228, 240, 240) }
```


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

```
.border{ border-color:rgb(228, 240, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 240, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 240, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 240, 240);  
box-shadow:4px 4px 4px 4px rgb(228, 240,  
240) }
```

Background

The CSS property to change the background color of an element to YUV 236.4120, 1.7689, -7.3773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 240, 240) }
```

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

```
.background{ background-color: rgb(228,  
240, 240) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor