

Converting Colors

YUV(235.8660, -6.8359, -0.7595)

Have a look what the booklet for
YUV(235.8660, -6.8359, -0.7595)
contains.

YUV(235.8660, -6.8359, -0.7595)	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(235.8660, -6.8359,
-0.7595)**

Conversions

Conversions Part 1

Format	Color
Hex	EBEFDE
RGB	235, 239, 222
RGB Percent	92%, 94%, 87%
CMY	0.0784, 0.0627, 0.1294
CMYK	0.02, 0.00, 0.07, 0.06
HSL	74°, 35%, 90%
HSV	74°, 7%, 94%
XYZ	78.3123, 84.6691, 81.3225
YIQ	235.8660, 3.0730, -6.1350

Conversions

Conversions Part 2

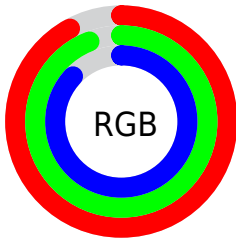
Format	Color
R_{YB}	222, 239, 226
Decimal	15462366
CIE Lab	93.74, -4.28, 7.75
CIE LCh	94, 8.850, 118.899
Yxy	84.6691, 0.3206, 0.3466
Android (android.graphics.Color)	4293652446 (0xFFEBEFDE)
YUV	235.8660, -6.8359, -0.7595
Hunter-Lab	92.0158, -9.1110, 12.0113

Details

The YUV color $235.8660, -6.8359, -0.7595$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $225.1340, 6.8359, 0.7595$, 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 $179.9800, -6.3991, -0.8595$ is the 20% darker color. If you saturate the color by 10%, you get $231.3360, -16.4346, -2.0487$, and if you desaturate by 10%, it is $240.3960, 2.7628, 0.5297$.

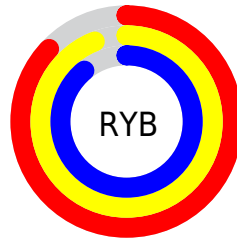
Distribution



Red (92%)

Green (94%)

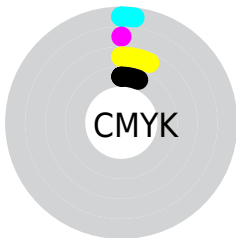
Blue (87%)



Red (87%)

Yellow (94%)

Blue (89%)

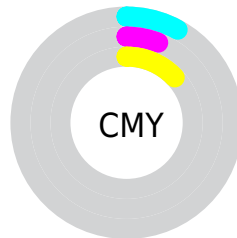


Cyan (2%)

Magenta (0%)

Yellow (7%)

Black (6%)



Cyan (8%)

Magenta (6%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 235.8660, -6.8359, -0.7595 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 235.8660, -6.8359, -0.7595 by changing the saturation by 10% instead.

■ 235.8660, -6.8359,
-0.7595

■ 235.8660, -6.8359,
-0.7595

255.0000, 0.0000,
0.0000

■ 207.8660, -6.8359,
-0.7595

■ 179.9800, -6.3991,
-0.8595

■ 153.0940, -5.9623,
-0.9594

■ 127.3930, -6.1097,
-0.3447

■ 102.0940, -5.9623,
-0.9594

■ 78.2080, -5.5255,
-1.0594

■ 55.6210, -5.2362,

-0.5446

■ 33.7350, -4.7994,
-0.6446

■ 11.7950, -5.8149,
-1.5742

■ 235.8660, -6.8359,
-0.7595

■ 235.8660, -6.8359,
-0.7595

■ 231.3360,
-16.4346, -2.0487

■ 240.3960, 2.7628,
0.5297

■ 227.1050,
-26.1808, -2.7231

■ 242.9170, 5.9569,
2.7038

■ 222.5750,
-35.7795, -4.0123

■ 244.7110, 5.0725,
6.3925

■ 218.3440,
-45.5256, -4.6867

■ 245.6080, 4.6303,
8.2368

■ 213.9280,
-54.6875, -6.0759

■ 209.3980,
-64.2862, -7.3650

■ 205.1670,
-74.0323, -8.0395

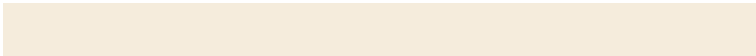
■ 200.6370,
-83.6310, -9.3286

■ 196.1070,
-93.2298, -10.6178

Harmonies

Analogous

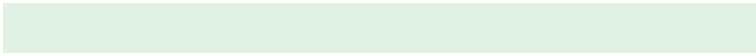
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



236.8670, -8.3154, 7.1326



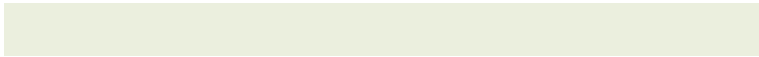
235.8660, -6.8359, -0.7595



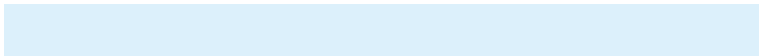
234.7340, -3.3199, -8.5367

Triad

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



235.8660, -6.8359, -0.7595



235.2740, 7.7529, -13.3953



238.6750, -0.3328, 13.4400

Complementary

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



235.8660, -6.8359, -0.7595



225.1340, 6.8359, 0.7595

Split Complementary

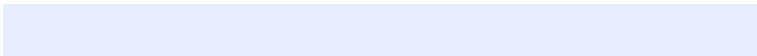
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



238.9670, 3.4673, 7.9219



235.8660, -6.8359, -0.7595



236.8340, 8.4628, -7.7474

Square

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



235.8660, -6.8359, -0.7595



234.5680, 5.1430, -16.2841



238.1340, 6.8359, 0.7595



238.5350, -4.7008, 14.4398

Rectangle

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



235.8660, -6.8359, -0.7595



234.3960, -0.6882, -12.6253



238.1340, 6.8359, 0.7595



239.3050, 0.8356, 12.0105

Sweetspot

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



235.8660, -6.8359, -0.7595



254.1310, -2.0366, -0.1149



229.4310, -3.6635, 8.3920



127.3590, -1.1630, -0.3148



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

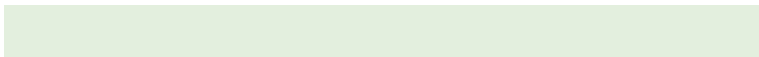
The Same Dimension uses a secret algorithm to generate beautiful new colors.



235.8660, -6.8359, -0.7595



250.8830, -9.3093, -0.7744



233.4740, -5.6567, -5.6777



117.7350, -4.7994, -0.6446



149.8680, -73.8849, -8.6542



45.7290, -22.5444, -2.3933

Inverse Universe

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



225.1340, 6.8359, 0.7595



236.1170, 9.3093, 0.7744



227.5260, 5.6567, 5.6777



110.2650, 4.7994, 0.6446



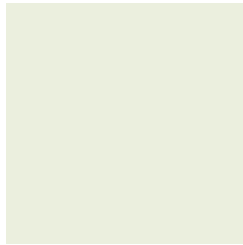
33.8330, 74.0323, 8.0395



10.2710, 22.5444, 2.3933

Previews

White Background



This preview shows how the YUV color 235.8660, -6.8359, -0.7595 looks on a white background.

Color Contrast Check

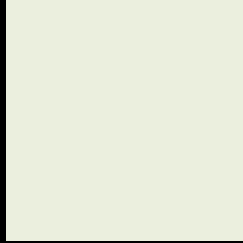
Large Text (above 18pt) WCAG AA × Fail

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 235.8660, -6.8359, -0.7595 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

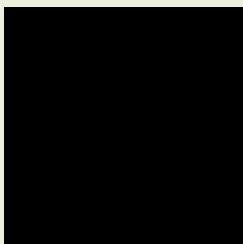
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

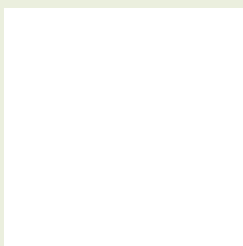
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 235.8660, -6.8359, -0.7595

Background



This preview shows how black text looks on a background with the YUV color 235.8660, -6.8359, -0.7595.



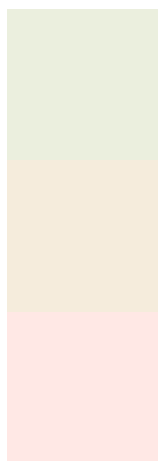
This preview shows how white text looks on a background with the YUV color 235.8660, -6.8359, -0.7595.

-0.7595.

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

235.8660, -6.8359, -0.7595

Protanopia

236.8670, -8.3154, 7.1326

Deuteranopia

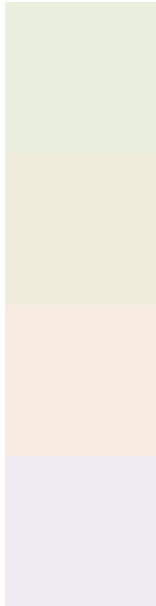
238.5350, -4.7008, 14.4398



Tritanopia

237.9600, 7.4147, 1.7891

Trichromacy



Original Color

235.8660, -6.8359, -0.7595

Protanomaly

236.3720, -7.5784, 4.0588

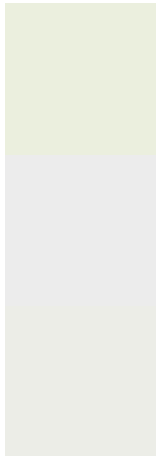
Deuteranomaly

237.8610, -5.8475, 8.8919

Tritanomaly

237.2820, 2.3260, 0.6297

Monochromacy



Original Color

235.8660, -6.8359, -0.7595

Achromatopsia

236.0000, 0.0000, 0.0000

Achromatomaly

236.0170, -2.4734, -0.0149

CSS Examples

Text

The CSS property to change the color of the text to YUV 235.8660, -6.8359, -0.7595 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(235, 239, 222)` looks like.

```
.text, #text, p{  
    color:rgb(235, 239, 222)  
}
```

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(235, 239, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 239, 222) }
```

Border

The CSS property to change the border of an element to YUV 235.8660, -6.8359, -0.7595 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(235, 239, 222) }
```


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

```
.border{ border-color:rgb(235, 239, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 239, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 239, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 239, 222);  
box-shadow:4px 4px 4px 4px rgb(235, 239,  
222) }
```

Background

The CSS property to change the background color of an element to YUV 235.8660, -6.8359, -0.7595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 239, 222) }
```

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

```
.background{ background-color: rgb(235,  
239, 222) }
```

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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