

Converting Colors

YUV(238.0830, -5.9569, -2.7038)

Have a look what the booklet for
YUV(238.0830, -5.9569, -2.7038)
contains.

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Color

**YUV(238.0830, -5.9569,
-2.7038)**

Conversions

Conversions Part 1

Format	Color
Hex	EBF2E2
RGB	235, 242, 226
RGB Percent	92%, 95%, 89%
CMY	0.0784, 0.0510, 0.1137
CMYK	0.03, 0.00, 0.07, 0.05
HSL	86°, 38%, 92%
HSV	86°, 7%, 95%
XYZ	79.7405, 86.6574, 84.4753
YIQ	238.0830, 0.9640, -6.4600

Conversions

Conversions Part 2

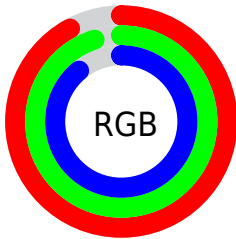
Format	Color
R _Y B	226, 242, 233
Decimal	15463138
CIE Lab	94.59, -5.12, 6.90
CIE LCh	95, 8.593, 126.559
Yxy	86.6574, 0.3179, 0.3454
Android (android.graphics.Color)	4293653218 (0xFFEBF2E2)
YUV	238.0830, -5.9569, -2.7038
Hunter-Lab	93.0900, -10.0049, 11.3598

Details

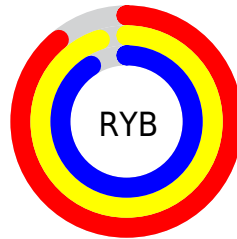
The YUV color $238.0830, -5.9569, -2.7038$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $229.9170, 5.9569, 2.7038$, and the grayscale version is $238.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $182.1970, -5.5201, -2.8038$ is the 20% darker color. If you saturate the color by 10%, you get $232.0580, -14.8186, -7.0669$, and if you desaturate by 10%, it is $244.1080, 2.9048, 1.6593$.

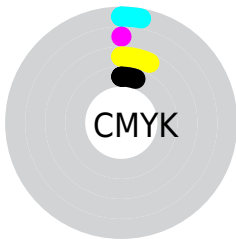
Distribution



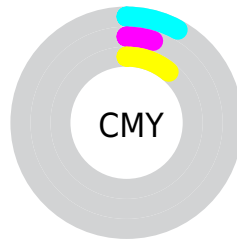
- Red (92%)
- Green (95%)
- Blue (89%)



- Red (89%)
- Yellow (95%)
- Blue (91%)



- Cyan (3%)
- Magenta (0%)
- Yellow (7%)
- Black (5%)



- Cyan (8%)
- Magenta (5%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 238.0830, -5.9569, -2.7038 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 238.0830, -5.9569, -2.7038 by changing the saturation by 10% instead.

■ 238.0830, -5.9569,
-2.7038

■ 238.0830, -5.9569,
-2.7038

255.0000, 0.0000,
0.0000

■ 210.0830, -5.9569,
-2.7038

■ 182.1970, -5.5201,
-2.8038

■ 155.1970, -5.5201,
-2.8038

■ 129.6100, -5.2307,
-2.2890

■ 104.6100, -5.2307,
-2.2890

■ 80.0230, -4.9413,
-1.7742

■ 57.1370, -4.5045,

-1.8741

■ 35.8380, -4.3571,
-2.4889

■ 13.8550, -6.8305,
-2.5038

■ 238.0830, -5.9569,
-2.7038

■ 238.0830, -5.9569,
-2.7038

■ 232.0580,
-14.8186, -7.0669

■ 244.1080, 2.9048,
1.6593

■ 226.3320,
-23.8277, -10.8152

■ 247.3690, 3.7621,
6.6924

■ 220.1930,
-33.1261, -15.0783

■ 214.4670,
-42.1352, -18.8266

■ 208.4420,
-50.9969, -23.1896

■ 202.4170,
-59.8586, -27.5527

■ 196.6910,
-68.8677, -31.3010

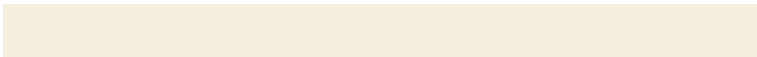
■ 190.5520,
-78.1661, -35.5641

■ 184.8260,
-87.1752, -39.3124

Harmonies

Analogous

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



238.9700, -7.8732, 5.2883



238.0830, -5.9569, -2.7038



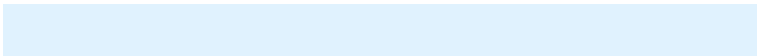
237.3640, -2.1515, -9.9662

Triad

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



238.0830, -5.9569, -2.7038



237.9860, 7.8949, -12.2657



240.7350, -1.3484, 12.5104

Complementary

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



238.0830, -5.9569, -2.7038



229.9170, 5.9569, 2.7038

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.



241.3370, 2.2989, 9.3515



238.0830, -5.9569, -2.7038



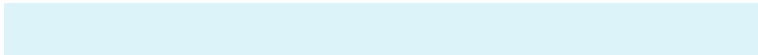
239.0300, 7.8732, -5.2883

Square

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



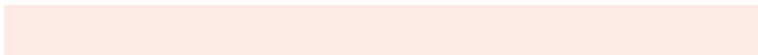
238.0830, -5.9569, -2.7038



237.3940, 5.7218, -15.2545



240.9170, 5.9569, 2.7038



240.4100, -5.1321, 12.7954

Rectangle

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



238.0830, -5.9569, -2.7038



236.7380, 0.6222, -12.9252



240.9170, 5.9569, 2.7038



241.0770, -0.0380, 12.2105

Sweetspot

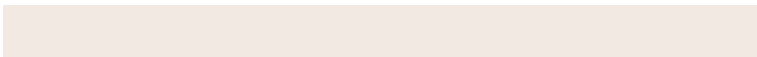
The Sweet Spot groups the original color and five complimentary colors.



238.0830, -5.9569, -2.7038



253.8320, -1.8892, -0.7297



234.8930, -4.3842, 6.2328



127.0600, -1.0156, -0.9296



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

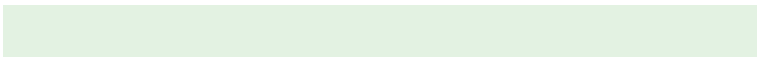
The Same Dimension uses a secret algorithm to generate beautiful new colors.



238.0830, -5.9569, -2.7038



250.0290, -7.4093, -3.5334



235.6910, -4.7777, -7.6220



117.1370, -4.5045, -1.8741



138.8050, -68.4309, -31.4010



42.4400, -20.9229, -9.1559

Inverse Universe

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



229.9170, 5.9569, 2.7038



239.9710, 7.4093, 3.5334



232.3090, 4.7777, 7.6220



110.8630, 4.5045, 1.8741



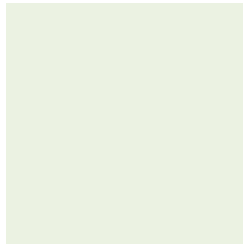
44.8960, 68.5783, 30.7862



13.8590, 20.7755, 9.7707

Previews

White Background



This preview shows how the YUV color 238.0830, -5.9569, -2.7038 looks on a white background.

Color Contrast Check

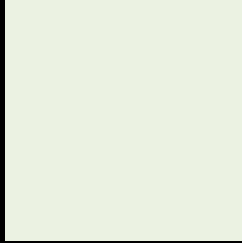
Large Text (above 18pt) WCAG AA × Fail

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 238.0830, -5.9569, -2.7038 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

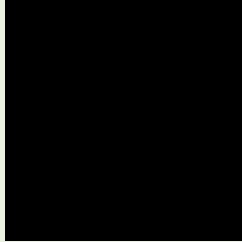
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

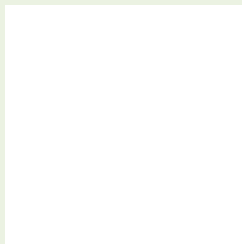
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 238.0830, -5.9569, -2.7038

Background



This preview shows how black text looks on a background with the YUV color 238.0830, -5.9569, -2.7038.



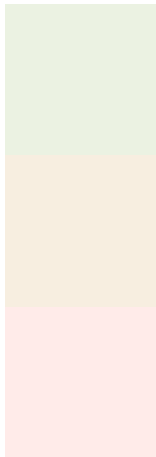
This preview shows how white text looks on a background with the YUV color 238.0830, -5.9569, -2.7038.

-2.7038.

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

238.0830, -5.9569, -2.7038

Protanopia

239.0950, -7.4418, 6.9327

Deuteranopia

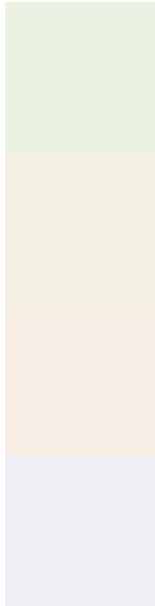
240.7520, -3.8217, 12.4955



Tritanopia

240.5360, 7.1308, -0.4701

Trichromacy



Original Color

238.0830, -5.9569, -2.7038

Protanomaly

238.6000, -6.7048, 3.8588

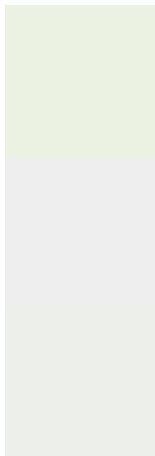
Deuteranomaly

240.0780, -4.9685, 6.9476

Tritanomaly

239.2710, 2.3314, -1.1147

Monochromacy



Original Color

238.0830, -5.9569, -2.7038

Achromatopsia

238.0000, 0.0000, 0.0000

Achromatomaly

237.8320, -1.8892, -0.7297

CSS Examples

Text

The CSS property to change the color of the text to YUV 238.0830, -5.9569, -2.7038 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, 242, 226)` looks like.

```
.text, #text, p{  
    color:rgb(235, 242, 226)  
}
```

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, 242, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 242, 226) }
```

Border

The CSS property to change the border of an element to YUV 238.0830, -5.9569, -2.7038 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, 242, 226) }
```


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

```
.border{ border-color:rgb(235, 242, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 242, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 242, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 242, 226);  
box-shadow:4px 4px 4px 4px rgb(235, 242,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 238.0830, -5.9569, -2.7038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 242, 226) }
```

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

```
.background{ background-color: rgb(235,  
242, 226) }
```

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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