

Converting Colors

YUV(238.6570, 0.1691, -7.5922)

Have a look what the booklet for
YUV(238.6570, 0.1691, -7.5922)
contains.

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Color

**YUV(238.6570, 0.1691,
-7.5922)**

Conversions

Conversions Part 1

Format	Color
Hex	E6F3EF
RGB	230, 243, 239
RGB Percent	90%, 95%, 94%
CMY	0.0980, 0.0471, 0.0627
CMYK	0.05, 0.00, 0.02, 0.05
HSL	162°, 35%, 93%
HSV	162°, 5%, 95%
XYZ	80.2637, 87.1562, 94.2538
YIQ	238.6570, -6.4640, -4.0000

Conversions

Conversions Part 2

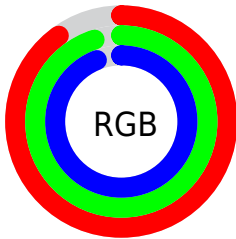
Format	Color
R _Y B	230, 238, 243
Decimal	15135727
CIE Lab	94.80, -5.00, 0.43
CIE LCh	95, 5.021, 175.048
Yxy	87.1562, 0.3067, 0.3331
Android (android.graphics.Color)	4293325807 (0xFFE6F3EF)
YUV	238.6570, 0.1691, -7.5922
Hunter-Lab	93.3575, -9.9109, 5.4910

Details

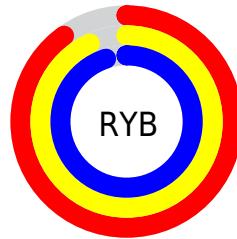
The YUV color $238.6570, 0.1691, -7.5922$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $234.3430, -0.1691, 7.5922$, and the grayscale version is $239.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $182.6570, 0.1691, -7.5922$ is the 20% darker color. If you saturate the color by 10%, you get $230.6830, 0.6493, -21.6470$, and if you desaturate by 10%, it is $246.6310, -0.3111, 6.4626$.

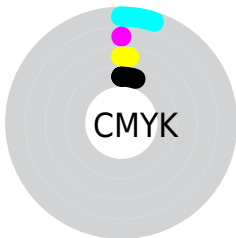
Distribution



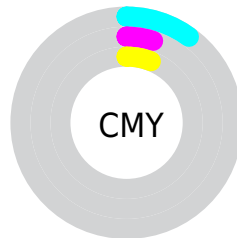
- Red (90%)
- Green (95%)
- Blue (94%)



- Red (90%)
- Yellow (93%)
- Blue (95%)



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



- Cyan (10%)
- Magenta (5%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 238.6570, 0.1691, -7.5922 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 238.6570, 0.1691, -7.5922 by changing the saturation by 10% instead.

■ 238.6570, 0.1691,
-7.5922

■ 238.6570, 0.1691,
-7.5922

255.0000, 0.0000,
0.0000

■ 210.6570, 0.1691,
-7.5922

■ 182.6570, 0.1691,
-7.5922

■ 155.9560, 0.0217,
-6.9774

■ 129.9560, 0.0217,
-6.9774

■ 104.3690, 0.3111,
-6.4626

■ 80.3690, 0.3111,
-6.4626

■ 57.6680, 0.1637,

-5.8478

■ 36.0810, 0.4531,
-5.3330

■ 14.3580, 0.3165,
-8.2070

■ 238.6570, 0.1691,
-7.5922

■ 238.6570, 0.1691,
-7.5922

■ 230.6830, 0.6493,
-21.6470

■ 246.6310, -0.3111,
6.4626

■ 222.2960, 0.8401,
-36.2166

■ 247.8420, 3.0359,
6.2776

■ 214.3220, 1.3203,
-50.2714

■ 247.9560, 3.4727,
6.1776

■ 206.2340, 1.3636,
-64.2262

■ 198.2600, 1.8438,
-78.2810

■ 189.8730, 2.0346,
-92.8506

■ 181.8990, 2.5148,
-106.9054

■ 173.8110, 2.5582,
-120.8602

■ 165.5380, 3.1858,
-135.5298

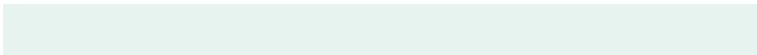
Harmonies

Analogous

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



238.6960, -2.3151, -4.1184



238.6570, 0.1691, -7.5922



238.6290, 2.6479, -9.3216

Triad

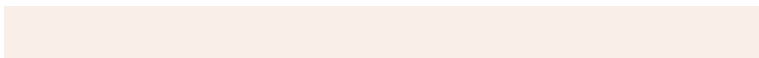
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



238.6570, 0.1691, -7.5922



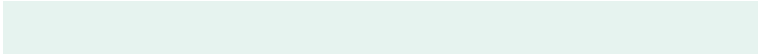
240.4390, 4.2206, -0.3850



240.6050, -4.2423, 7.3624

Complementary

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



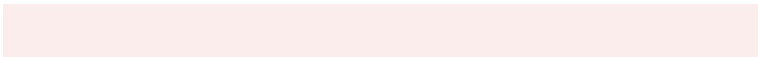
238.6570, 0.1691, -7.5922



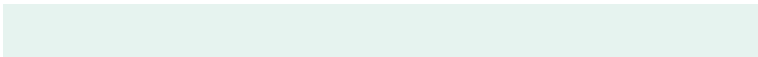
234.3430, -0.1691, 7.5922

Split Complementary

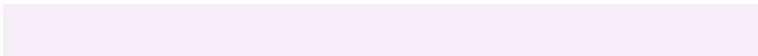
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



241.0720, -2.5005, 8.7069



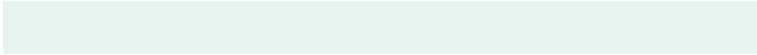
238.6570, 0.1691, -7.5922



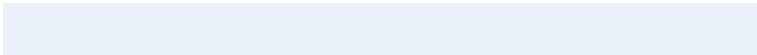
241.3040, 2.3151, 4.1184

Square

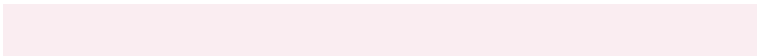
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



238.6570, 0.1691, -7.5922



239.9330, 4.9630, -5.2032



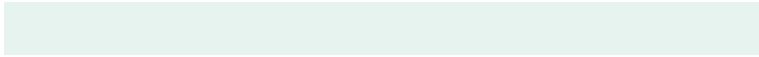
241.3430, -0.1691, 7.5922



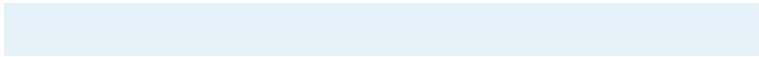
239.7680, -4.8156, 4.5885

Rectangle

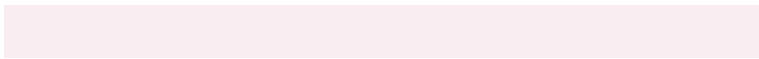
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



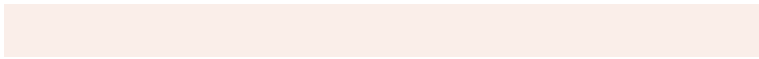
238.6570, 0.1691, -7.5922



238.6830, 4.1003, -8.4920



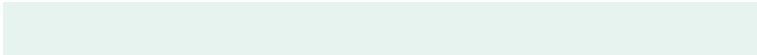
241.3430, -0.1691, 7.5922



241.0180, -3.9529, 7.8772

Sweetspot

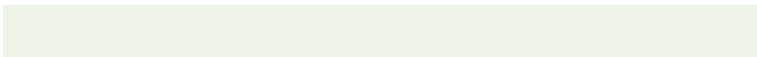
The Sweet Spot groups the original color and five complimentary colors.



238.6570, 0.1691, -7.5922



253.2770, -0.1366, -2.8739



238.8270, -4.3517, -4.2333



126.9890, 0.0054, -1.7444



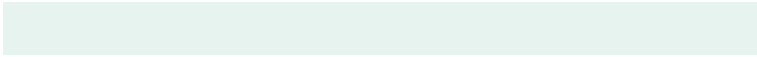
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

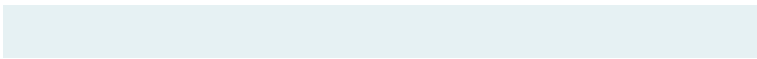
The Same Dimension uses a secret algorithm to generate beautiful new colors.



238.6570, 0.1691, -7.5922



249.9450, 0.0271, -8.7218



237.9390, 2.4951, -6.9625



119.3800, 0.3057, -4.7183



123.8880, 2.5202, -108.6498



39.3070, 0.8346, -34.4722

Inverse Universe

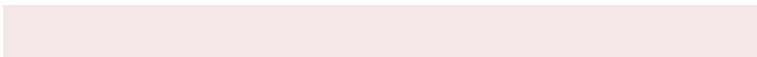
The Inverse Universe completely reimagines the original color for something new.



234.3430, -0.1691, 7.5922



244.9410, -0.4639, 8.8217



235.0610, -2.4951, 6.9625



116.6200, -0.3057, 4.7183



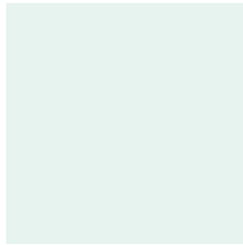
62.1120, -2.5202, 108.6498



19.6930, -0.8346, 34.4722

Previews

White Background



This preview shows how the YUV color 238.6570, 0.1691, -7.5922 looks on a white background.

Color Contrast Check

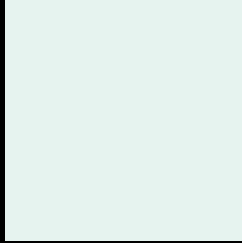
Large Text (above 18pt) WCAG AA × Fail

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 238.6570, 0.1691, -7.5922 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

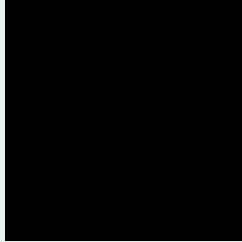
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

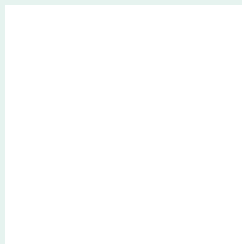
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 238.6570, 0.1691, -7.5922

Background



This preview shows how black text looks on a background with the YUV color 238.6570, 0.1691, -7.5922.



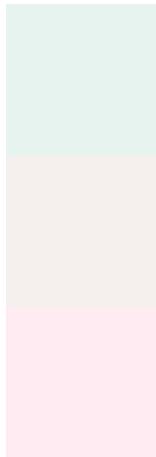
This preview shows how white text looks on a background with the YUV color 238.6570, 0.1691, -7.5922.

-7.5922.

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

238.6570, 0.1691, -7.5922

Protanopia

240.5660, -1.7580, 3.8886

Deuteranopia

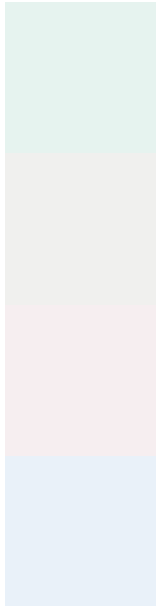
241.6640, -0.3274, 11.6957



Tritanopia

240.2150, 7.2890, -4.5736

Trichromacy



Original Color

238.6570, 0.1691, -7.5922

Protanomaly

239.7720, -0.8736, 0.2000

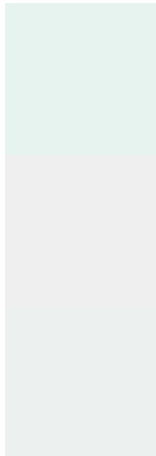
Deuteranomaly

240.6200, -0.3057, 4.7183

Tritanomaly

239.5200, 4.6736, -5.7180

Monochromacy



Original Color

238.6570, 0.1691, -7.5922

Achromatopsia

239.0000, 0.0000, 0.0000

Achromatomaly

238.6900, 0.1528, -2.3591

CSS Examples

Text

The CSS property to change the color of the text to YUV 238.6570, 0.1691, -7.5922 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, 243, 239)` looks like.

```
.text, #text, p{  
    color:rgb(230, 243, 239)  
}
```

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, 243, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 243, 239) }
```

Border

The CSS property to change the border of an element to YUV 238.6570, 0.1691, -7.5922 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, 243, 239) }
```


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

```
.border{ border-color:rgb(230, 243, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 243, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 243, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 243, 239);  
box-shadow:4px 4px 4px 4px rgb(230, 243,  
239) }
```

Background

The CSS property to change the background color of an element to YUV 238.6570, 0.1691, -7.5922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 243, 239) }
```

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

```
.background{ background-color: rgb(230,  
243, 239) }
```

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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