

Converting Colors

YUV(238.6630, -2.2989, -9.3515)

Have a look what the booklet for
YUV(238.6630, -2.2989, -9.3515)
contains.

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Color

**YUV(238.6630, -2.2989,
-9.3515)**

Conversions

Conversions Part 1

Format	Color
Hex	E4F5EA
RGB	228, 245, 234
RGB Percent	89%, 96%, 92%
CMY	0.1059, 0.0392, 0.0824
CMYK	0.07, 0.00, 0.04, 0.04
HSL	141°, 46%, 93%
HSV	141°, 7%, 96%
XYZ	79.4986, 87.7393, 90.5873
YIQ	238.6630, -6.6010, -7.0250

Conversions

Conversions Part 2

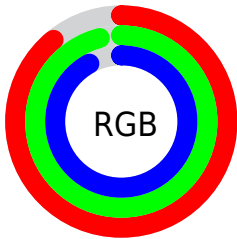
Format	Color
R _Y B	228, 241, 245
Decimal	15005162
CIE Lab	95.05, -7.57, 3.36
CIE LCh	95, 8.285, 156.051
Yxy	87.7393, 0.3083, 0.3403
Android (android.graphics.Color)	4293195242 (0xFFE4F5EA)
YUV	238.6630, -2.2989, -9.3515
Hunter-Lab	93.6693, -12.4254, 8.2293

Details

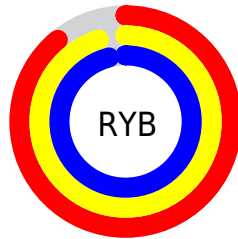
The YUV color $238.6630, -2.2989, -9.3515$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $234.3370, 2.2989, 9.3515$, and the grayscale version is $239.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $182.9620, -2.4463, -8.7367$ is the 20% darker color. If you saturate the color by 10%, you get $229.3640, -5.6025, -23.1212$, and if you desaturate by 10%, it is $247.6630, 1.1521, 3.8035$.

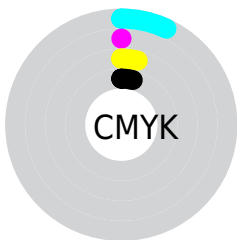
Distribution



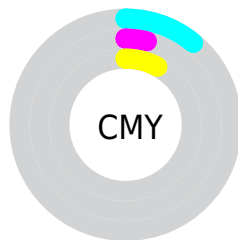
- Red (89%)
- Green (96%)
- Blue (92%)



- Red (89%)
- Yellow (95%)
- Blue (96%)



- Cyan (7%)
- Magenta (0%)
- Yellow (4%)
- Black (4%)



- Cyan (11%)
- Magenta (4%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 238.6630, -2.2989, -9.3515 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 238.6630, -2.2989, -9.3515 by changing the saturation by 10% instead.

■ 238.6630, -2.2989,
-9.3515

■ 238.6630, -2.2989,
-9.3515

255.0000, 0.0000,
0.0000

■ 210.6630, -2.2989,
-9.3515

■ 182.9620, -2.4463,
-8.7367

■ 156.0760, -2.0095,
-8.8367

■ 130.0760, -2.0095,
-8.8367

■ 104.4890, -1.7201,
-8.3219

■ 80.7880, -1.8675,
-7.7071

■ 57.7880, -1.8675,

-7.7071

■ 36.2010, -1.5781,
-7.1923

■ 14.3640, -2.1515,
-9.9662

■ 238.6630, -2.2989,
-9.3515

■ 238.6630, -2.2989,
-9.3515

■ 229.3640, -5.6025,
-23.1212

■ 247.6630, 1.1521,
3.8035

■ 220.3640, -9.0535,
-36.2762

■ 249.1300, 2.8939,
5.1480

■ 211.3640,
-12.5045, -49.4312

■ 202.1790,
-15.3712, -63.3010

■ 193.1790,
-18.8222, -76.4560

■ 183.8800,
-22.1258, -90.2258

■ 174.8800,
-25.5768, -103.3808

■ 165.5810,
-28.8804, -117.1505

■ 156.5810,
-32.3314, -130.3055

Harmonies

Analogous

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



239.4960, -5.6675, -2.1890



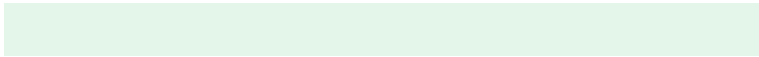
238.6630, -2.2989, -9.3515



238.3680, 1.7906, -14.3547

Triad

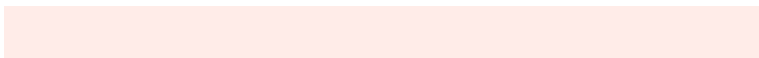
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



238.6630, -2.2989, -9.3515



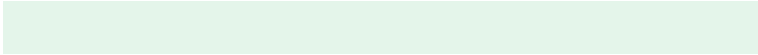
240.8020, 6.9996, -5.0884



241.2250, -4.5479, 12.0807

Complementary

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



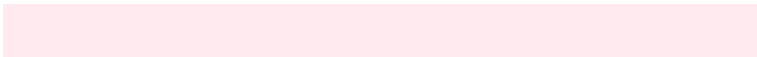
238.6630, -2.2989, -9.3515



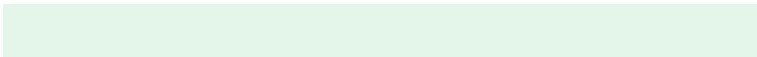
234.3370, 2.2989, 9.3515

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.



241.4360, -1.2009, 11.8956



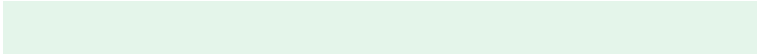
238.6630, -2.2989, -9.3515



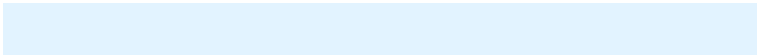
241.9170, 5.9569, 2.7038

Square

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



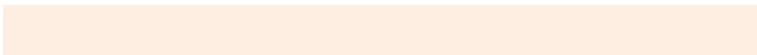
238.6630, -2.2989, -9.3515



239.2850, 7.7475, -11.6509



242.3370, 2.2989, 9.3515



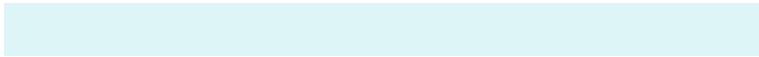
241.4160, -7.6001, 11.0362

Rectangle

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



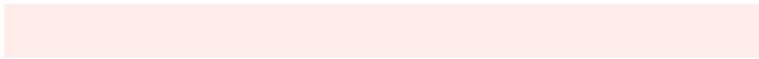
238.6630, -2.2989, -9.3515



238.0520, 4.4114, -14.9546



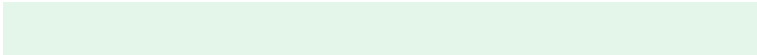
242.3370, 2.2989, 9.3515



241.4530, -3.6743, 11.8807

Sweetspot

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



238.6630, -2.2989, -9.3515



253.1630, -0.5734, -2.7740



241.2680, -6.5411, -1.9890



126.8750, -0.4314, -1.6444



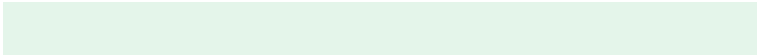
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

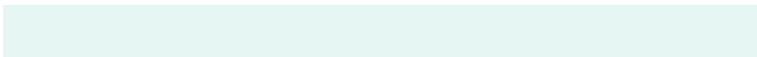
The Same Dimension uses a secret algorithm to generate beautiful new colors.



238.6630, -2.2989, -9.3515



247.5380, -2.7302, -10.9958



239.5750, 1.1955, -10.1513



117.5000, -1.7255, -6.5775



116.7060, -24.9981, -102.3512



37.0270, -7.9013, -32.4727

Inverse Universe

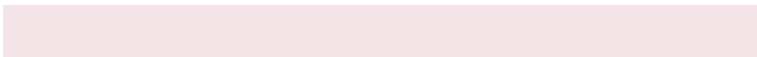
The Inverse Universe completely reimagines the original color for something new.



234.3370, 2.2989, 9.3515



242.4620, 2.7302, 10.9958



233.4250, -1.1955, 10.1513



114.5000, 1.7255, 6.5775



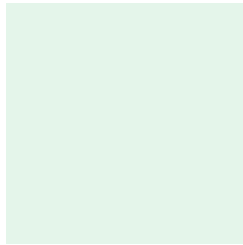
69.2940, 24.9981, 102.3512



21.9730, 7.9013, 32.4727

Previews

White Background



This preview shows how the YUV color 238.6630, -2.2989, -9.3515 looks on a white background.

Color Contrast Check

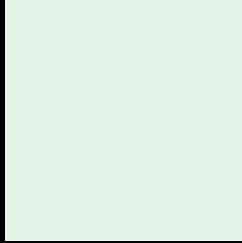
Large Text (above 18pt) WCAG AA × Fail

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 238.6630, -2.2989, -9.3515 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

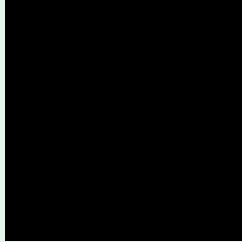
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

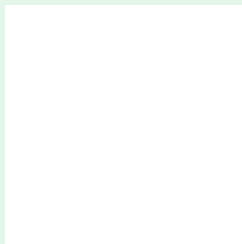
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 238.6630, -2.2989, -9.3515

Background



This preview shows how black text looks on a background with the YUV color 238.6630, -2.2989, -9.3515.



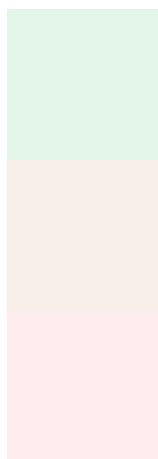
This preview shows how white text looks on a background with the YUV color 238.6630, -2.2989, -9.3515.

-9.3515.

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

238.6630, -2.2989, -9.3515

Protanopia

240.4800, -4.6736, 5.7180

Deuteranopia

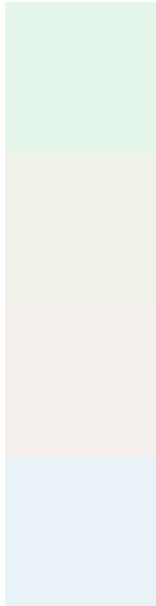
241.9090, -1.9271, 11.4808



Tritanopia

240.8020, 6.9996, -5.0884

Trichromacy



Original Color

238.6630, -2.2989, -9.3515

Protanomaly

239.6750, -3.7838, 0.2850

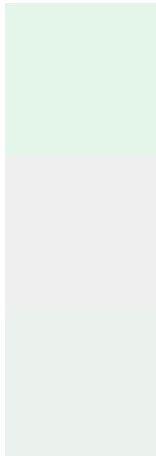
Deuteranomaly

240.5660, -1.7580, 3.8886

Tritanomaly

239.5800, 3.6581, -6.6477

Monochromacy



Original Color

238.6630, -2.2989, -9.3515

Achromatopsia

239.0000, 0.0000, 0.0000

Achromatomaly

238.7500, -0.8627, -3.2887

CSS Examples

Text

The CSS property to change the color of the text to YUV 238.6630, -2.2989, -9.3515 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, 245, 234)` looks like.

```
.text, #text, p{  
    color:rgb(228, 245, 234)  
}
```

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, 245, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 245, 234) }
```

Border

The CSS property to change the border of an element to YUV 238.6630, -2.2989, -9.3515 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, 245, 234) }
```


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

```
.border{ border-color:rgb(228, 245, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 245, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 245, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 245, 234);  
box-shadow:4px 4px 4px 4px rgb(228, 245,  
234) }
```

Background

The CSS property to change the background color of an element to YUV 238.6630, -2.2989, -9.3515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 245, 234) }
```

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

```
.background{ background-color: rgb(228,  
245, 234) }
```

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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