

Converting Colors

YUV(250.4860, -7.1416, 3.9588)

Have a look what the booklet for
YUV(250.4860, -7.1416, 3.9588)
contains.

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Color

**YUV(250.4860, -7.1416,
3.9588)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFBEC
RGB	255, 251, 236
RGB Percent	100%, 98%, 93%
CMY	0.0000, 0.0157, 0.0745
CMYK	0.00, 0.02, 0.07, 0.00
HSL	47°, 100%, 96%
HSV	47°, 7%, 100%
XYZ	90.8775, 96.3105, 93.1569
YIQ	250.4860, 7.1990, -3.8170

Conversions

Conversions Part 2

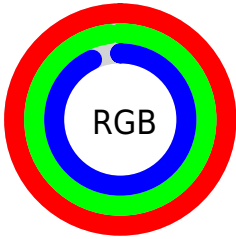
Format	Color
R _Y B	241, 255, 236
Decimal	16776172
CIE Lab	98.56, -1.19, 7.64
CIE LCh	99, 7.736, 98.883
Yxy	96.3105, 0.3242, 0.3435
Android (android.graphics.Color)	4294966252 (0xFFFFFBEC)
YUV	250.4860, -7.1416, 3.9588
Hunter-Lab	98.1379, -6.4471, 12.4158

Details

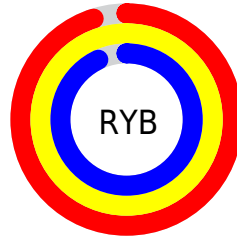
The YUV color 250.4860, -7.1416, 3.9588 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 240.5140, 7.1416, -3.9588, and the grayscale version is 251.0000, 0.0000, 0.0000.

A 20% lighter version of the original color is 255.0000, 0.0000, 0.0000, and 194.1870, -6.9942, 3.3440 is the 20% darker color. If you saturate the color by 10%, you get 244.7010, -16.6146, 9.0322, and if you desaturate by 10%, it is 255.0000, 0.0000, 0.0000.

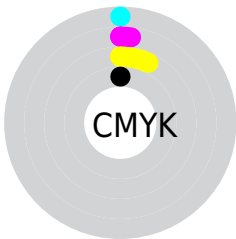
Distribution



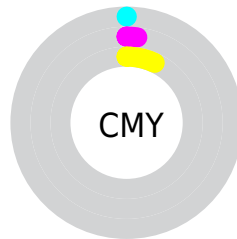
- Red (100%)
- Green (98%)
- Blue (93%)



- Red (95%)
- Yellow (100%)
- Blue (93%)



- Cyan (0%)
- Magenta (2%)
- Yellow (7%)
- Black (0%)





- Cyan (0%)
- Magenta (2%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 250.4860, -7.1416, 3.9588 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 250.4860, -7.1416, 3.9588 by changing the saturation by 10% instead.

 250.4860, -7.1416,
3.9588


 250.4860, -7.1416,
3.9588

255.0000, 0.0000,
0.0000


 221.6000, -6.7048,
3.8588

 194.1870, -6.9942,
3.3440

 166.6000, -6.7048,
3.8588

 140.3010, -6.5574,
3.2440

 114.7140, -6.2680,
3.7588

 90.4150, -6.1206,
3.1440

 66.6430, -5.2470,

2.9441

■ 44.6430, -5.2470,
2.9441

■ 24.1160, -5.9732,
2.5293

■ 250.4860, -7.1416,
3.9588

■ 250.4860, -7.1416,
3.9588

■ 244.7010,
-16.6146, 9.0322

255.0000, 0.0000,
0.0000

■ 238.2150,
-26.2350, 14.7204

■ 232.4300,
-35.7080, 19.7939

■ 226.5310,
-45.6178, 24.9673

■ 220.1590,
-54.8014, 30.5556

■ 214.2600,
-64.7112, 35.7290

■ 207.7740,
-74.3316, 41.4172

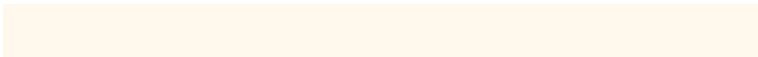
■ 201.9890,
-83.8046, 46.4906

■ 196.2040,
-93.2776, 51.5641

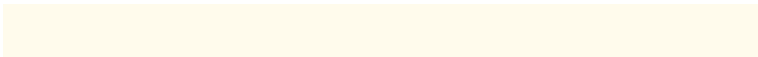
Harmonies

Analogous

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



249.4260, -6.1260, 4.8884



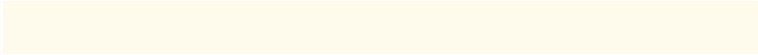
250.4860, -7.1416, 3.9588



249.3110, -5.0833, -2.9037

Triad

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



250.4860, -7.1416, 3.9588



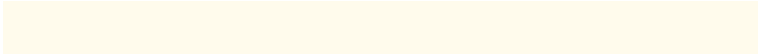
248.4220, 3.2430, -13.5251



249.7170, 2.6045, 4.6332

Complementary

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



250.4860, -7.1416, 3.9588



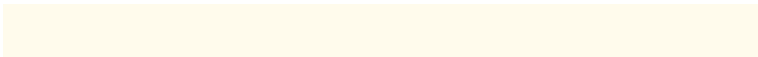
240.5140, 7.1416, -3.9588

Split Complementary

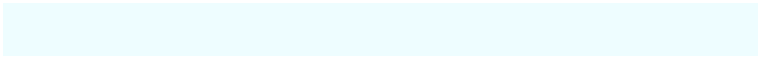
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



250.8910, 2.0257, 3.6036



250.4860, -7.1416, 3.9588



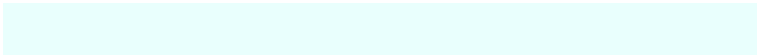
248.7430, 3.0847, -9.4216

Square

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



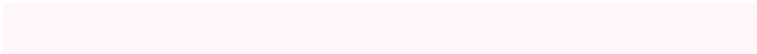
250.4860, -7.1416, 3.9588



248.1940, 2.3694, -13.3251



249.9610, 2.4842, -3.4738



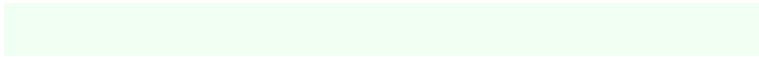
249.0330, -0.0163, 5.2331

Rectangle

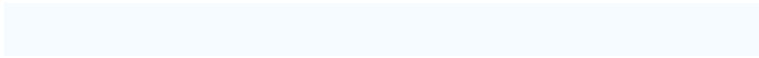
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



250.4860, -7.1416, 3.9588



249.4460, -3.1779, -7.4071



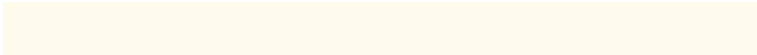
249.9610, 2.4842, -3.4738



250.3040, 2.3151, 4.1184

Sweetspot

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



250.4860, -7.1416, 3.9588



253.8430, -1.8946, 1.0147



242.1370, -1.0535, 11.2809



127.0710, -1.0210, 0.8147



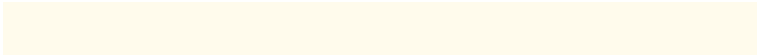
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



250.4860, -7.1416, 3.9588



249.4430, -8.5994, 4.8735



251.3390, -7.5621, -1.1743



124.7570, -4.8102, 2.8441



145.7460, -71.8528, 39.6878



48.4860, -23.9036, 13.6058

Inverse Universe

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



240.5140, 7.1416, -3.9588



237.5570, 8.5994, -4.8735



239.6610, 7.5621, 1.1743



117.6560, 5.0996, -2.3293



45.2540, 71.8528, -39.6878



14.9270, 24.1930, -13.0910

Previews

White Background



This preview shows how the YUV color 250.4860, -7.1416, 3.9588 looks on a white background.

Color Contrast Check

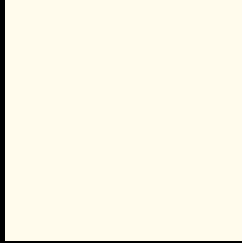
Large Text (above 18pt) WCAG AA × Fail

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 250.4860, -7.1416, 3.9588 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

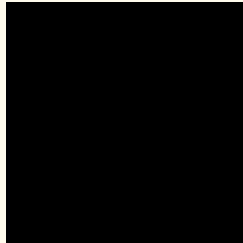
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 250.4860, -7.1416, 3.9588

Background



This preview shows how black text looks on a background with the YUV color 250.4860, -7.1416, 3.9588.



This preview shows how white text looks on a background with the YUV color 250.4860, -7.1416,

3.9538.

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

250.4860, -7.1416, 3.9588

Protanopia

250.6970, -3.7946, 3.7737

Deuteranopia

251.3810, -1.1738, 3.1739

Tritanopia

251.4670, 1.7418, 1.3444

Trichromacy

A vertical color bar on the left side of the Trichromacy section, transitioning from yellow at the top to light orange at the bottom.

Original Color

250.4860, -7.1416, 3.9588

Protanomaly

250.3550, -5.1050, 4.0737

Deuteranomaly

250.8110, -3.3578, 3.6738

Tritanomaly

250.9680, -1.4632, 2.6591

Monochromacy

A vertical color bar on the left side of the Monochromacy section, transitioning from yellow at the top to light grey at the bottom.

Original Color

250.4860, -7.1416, 3.9588

Achromatopsia

250.0000, 0.0000, 0.0000

Achromatomaly

250.0280, -2.4788, 1.7294

CSS Examples

Text

The CSS property to change the color of the text to YUV 250.4860, -7.1416, 3.9588 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(255, 251, 236)` looks like.

```
.text, #text, p{  
    color:rgb(255, 251, 236)  
}
```

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(255, 251, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 251, 236) }
```

Border

The CSS property to change the border of an element to YUV 250.4860, -7.1416, 3.9588 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(255, 251, 236) }
```


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

```
.border{ border-color:rgb(255, 251, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 251, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 251, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 251, 236);  
box-shadow:4px 4px 4px 4px rgb(255, 251,  
236) }
```

Background

The CSS property to change the background color of an element to YUV 250.4860, -7.1416, 3.9588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 251, 236) }
```

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

```
.background{ background-color: rgb(255,  
251, 236) }
```

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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