

Converting Colors

YUV(248.2690, -8.0206, 5.9031)

Have a look what the booklet for
YUV(248.2690, -8.0206, 5.9031)
contains.

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Color

**YUV(248.2690, -8.0206,
5.9031)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF8E8
RGB	255, 248, 232
RGB Percent	100%, 97%, 91%
CMY	0.0000, 0.0275, 0.0902
CMYK	0.00, 0.03, 0.09, 0.00
HSL	42°, 100%, 95%
HSV	42°, 9%, 100%
XYZ	89.3729, 94.2210, 89.8199
YIQ	248.2690, 9.3080, -3.4920

Conversions

Conversions Part 2

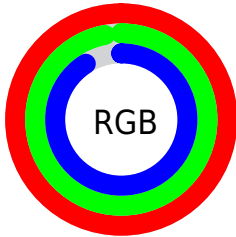
Format	Color
R _Y B	242, 255, 232
Decimal	16775400
CIE Lab	97.72, -0.33, 8.50
CIE LCh	98, 8.505, 92.231
Yxy	94.2210, 0.3269, 0.3446
Android (android.graphics.Color)	4294965480 (0xFFFFF8E8)
YUV	248.2690, -8.0206, 5.9031
Hunter-Lab	97.0675, -5.5180, 13.0841

Details

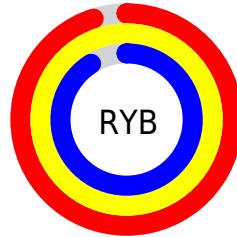
The YUV color $248.2690, -8.0206, 5.9031$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $238.7310, 8.0206, -5.9031$, and the grayscale version is $248.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $191.9700, -7.8732, 5.2883$ is the 20% darker color. If you saturate the color by 10%, you get $240.7230, -16.6254, 12.5209$, and if you desaturate by 10%, it is $255.0000, 0.0000, 0.0000$.

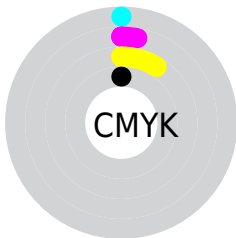
Distribution



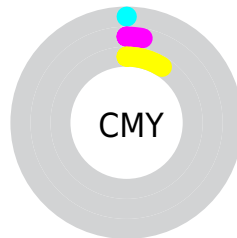
- Red (100%)
- Green (97%)
- Blue (91%)



- Red (95%)
- Yellow (100%)
- Blue (91%)



- Cyan (0%)
- Magenta (3%)
- Yellow (9%)
- Black (0%)




- Cyan (0%)
- Magenta (3%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the YUV color 248.2690, -8.0206, 5.9031 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 248.2690, -8.0206, 5.9031 by changing the saturation by 10% instead.


 248.2690, -8.0206,
5.9031


 248.2690, -8.0206,
5.9031


255.0000, 0.0000,
0.0000


 219.3830, -7.5838,
5.8031

 191.9700, -7.8732,
5.2883

 165.0840, -7.4364,
5.1883

 138.1980, -6.9996,
5.0884

 113.1980, -6.9996,
5.0884

 88.3120, -6.5628,
4.9884

 65.0130, -6.4154,

4.3736

■ 43.1270, -5.9786,
4.2736

■ 22.3720, -7.5784,
4.0588

■ 248.2690, -8.0206,
5.9031

■ 248.2690, -8.0206,
5.9031

■ 240.7230,
-16.6254, 12.5209

255.0000, 0.0000,
0.0000

■ 233.0630,
-25.6671, 19.2387

■ 225.9900,
-34.9981, 25.4418

■ 218.4440,
-43.6029, 32.0596

■ 210.8980,
-52.2077, 38.6775

■ 203.2380,
-61.2493, 45.3953

■ 196.2790,
-70.1435, 51.4983

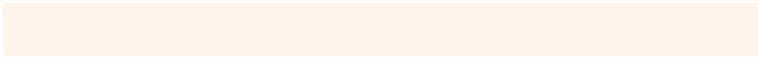
■ 188.6190,
-79.1852, 58.2161

■ 181.0730,
-87.7900, 64.8340

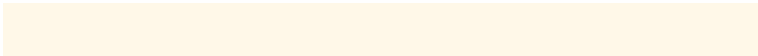
Harmonies

Analogous

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



246.7360, -6.2788, 7.2475



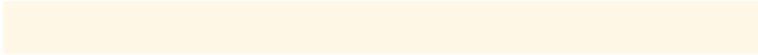
248.2690, -8.0206, 5.9031



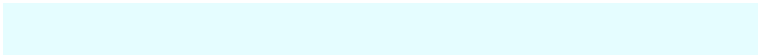
247.2680, -6.5411, -1.9890

Triad

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



248.2690, -8.0206, 5.9031



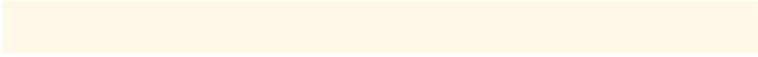
246.0520, 4.4114, -14.9546



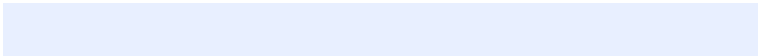
248.5430, 3.1833, 5.6628

Complementary

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



248.2690, -8.0206, 5.9031



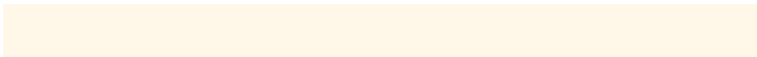
238.7310, 8.0206, -5.9031

Split Complementary

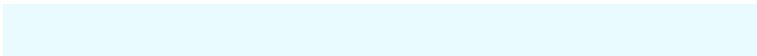
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



248.5210, 3.1941, 2.1741



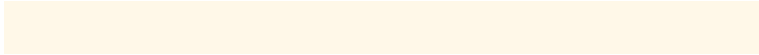
248.2690, -8.0206, 5.9031



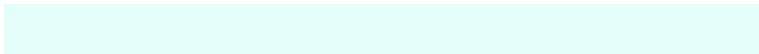
246.0740, 4.4005, -11.4659

Square

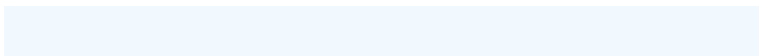
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



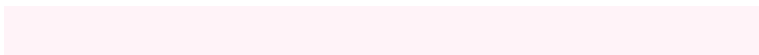
248.2690, -8.0206, 5.9031



246.2540, 1.3538, -14.2548



247.2920, 3.8000, -5.5181



247.1580, 0.4151, 6.8774

Rectangle

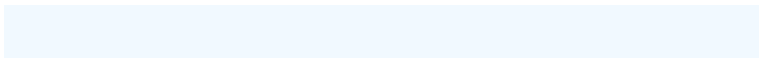
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



248.2690, -8.0206, 5.9031



246.5170, -4.1989, -6.5924



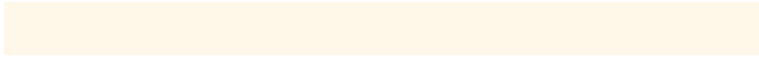
247.2920, 3.8000, -5.5181



249.1300, 2.8939, 5.1480

Sweetspot

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



248.2690, -8.0206, 5.9031



252.9140, -2.9156, 1.8294



239.6750, -0.3328, 13.4400



126.1420, -2.0420, 1.6295



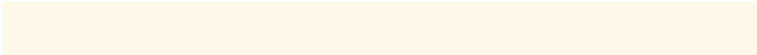
0.0000, 0.0000, 0.0000



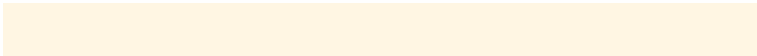
128.0000, 0.0000, 0.0000

Same Dimension

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



248.2690, -8.0206, 5.9031



246.5250, -9.6258, 7.4326



251.1820, -9.4567, -0.1596



124.1700, -4.5208, 3.3589



135.1800, -66.6437, 48.9541



44.9640, -22.1673, 16.6946

Inverse Universe

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



238.7310, 8.0206, -5.9031



234.8880, 9.9152, -6.9178



235.8180, 9.4567, 0.1596



118.8300, 4.5208, -3.3589



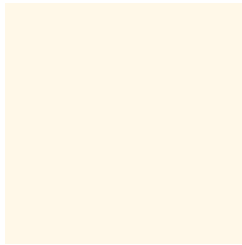
55.8200, 66.6437, -48.9541



18.4490, 22.4566, -16.1798

Previews

White Background



This preview shows how the YUV color 248.2690, -8.0206, 5.9031 looks on a white background.

Color Contrast Check

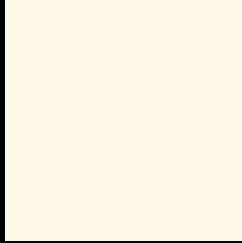
Large Text (above 18pt) WCAG AA × Fail

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 248.2690, -8.0206, 5.9031 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

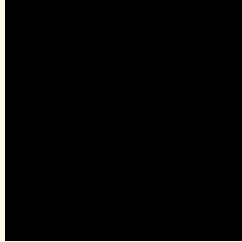
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 248.2690, -8.0206, 5.9031

Background



This preview shows how black text looks on a background with the YUV color 248.2690, -8.0206, 5.9031.

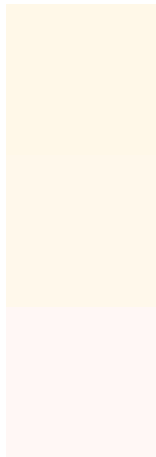


This preview shows how white text looks on a background with the YUV color 248.2690, -8.0206,

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

248.2690, -8.0206, 5.9031

Protanopia

248.6110, -6.7102, 5.6032

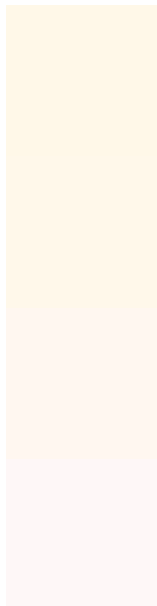
Deuteranopia

249.1640, -2.0529, 5.1182

Tritanopia

249.1190, 2.8993, 3.4036

Trichromacy



Original Color

248.2690, -8.0206, 5.9031

Protanomaly

248.4970, -7.1470, 5.7031

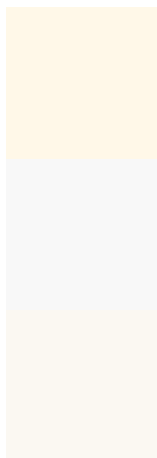
Deuteranomaly

248.5940, -4.2368, 5.6181

Tritanomaly

249.0930, -1.0318, 4.3034

Monochromacy



Original Color

248.2690, -8.0206, 5.9031

Achromatopsia

248.0000, 0.0000, 0.0000

Achromatomaly

248.2130, -3.0630, 2.4442

CSS Examples

Text

The CSS property to change the color of the text to YUV 248.2690, -8.0206, 5.9031 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, 248, 232)` looks like.

```
.text, #text, p{  
    color:rgb(255, 248, 232)  
}
```

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, 248, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 248, 232) }
```

Border

The CSS property to change the border of an element to YUV 248.2690, -8.0206, 5.9031 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, 248, 232) }
```


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

```
.border{ border-color:rgb(255, 248, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 248, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 248, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 248, 232);  
box-shadow:4px 4px 4px 4px rgb(255, 248,  
232) }
```

Background

The CSS property to change the background color of an element to YUV 248.2690, -8.0206, 5.9031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 248, 232) }
```

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

```
.background{ background-color: rgb(255,  
248, 232) }
```

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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