

Converting Colors

YUV(238.7800, -6.3005,
14.2249)

Have a look what the booklet for
YUV(238.7800, -6.3005, 14.2249)
contains.

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Color

**YUV(238.7800, -6.3005,
14.2249)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE9E2
RGB	255, 233, 226
RGB Percent	100%, 91%, 89%
CMY	0.0000, 0.0863, 0.1137
CMYK	0.00, 0.09, 0.11, 0.00
HSL	14°, 100%, 94%
HSV	14°, 11%, 100%
XYZ	84.1064, 85.0288, 83.9308
YIQ	238.7800, 15.3590, 2.4870

Conversions

Conversions Part 2

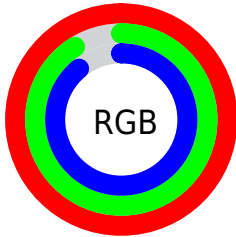
Format	Color
R _Y B	255, 235, 226
Decimal	16771554
CIE Lab	93.90, 6.34, 6.10
CIE LCh	94, 8.796, 43.871
Yxy	85.0288, 0.3323, 0.3360
Android (android.graphics.Color)	4294961634 (0xFFFFE9E2)
YUV	238.7800, -6.3005, 14.2249
Hunter-Lab	92.2111, 1.4418, 10.5818

Details

The YUV color $238.7800, -6.3005, 14.2249$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $242.2200, 6.3005, -14.2249$, 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 $182.5950, -5.7163, 13.5102$ is the 20% darker color. If you saturate the color by 10%, you get $224.7770, -11.7221, 26.5056$, and if you desaturate by 10%, it is $252.7830, -0.8790, 1.9443$.

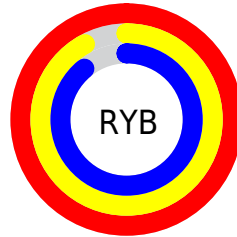
Distribution



Red (100%)

Green (91%)

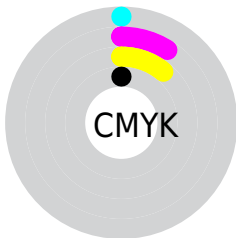
Blue (89%)



Red (100%)

Yellow (92%)

Blue (89%)

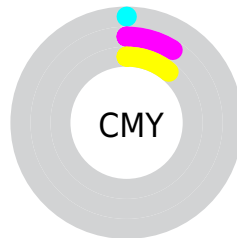


Cyan (0%)

Magenta (9%)

Yellow (11%)

Black (0%)



Cyan (0%)

Magenta (9%)

Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the YUV color 238.7800, -6.3005, 14.2249 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 238.7800, -6.3005, 14.2249 by changing the saturation by 10% instead.


 238.7800, -6.3005,
14.2249

 238.7800, -6.3005,
14.2249


255.0000, 0.0000,
0.0000


 210.4810, -6.1531,
13.6102

 182.5950, -5.7163,
13.5102

 156.1820, -6.0057,
12.9954

 129.9970, -5.4215,
12.2806

 104.6980, -5.2741,
11.6659

 80.3990, -5.1267,
11.0511

 57.5130, -4.6899,

10.9511

■ 35.9150, -4.3951,
9.7215

■ 13.6550, -6.7319,
12.5806

■ 238.7800, -6.3005,
14.2249

■ 238.7800, -6.3005,
14.2249

■ 224.7770,
-11.7221, 26.5056

■ 252.7830, -0.8790,
1.9443

■ 210.0730,
-17.2910, 39.4010

255.0000, 0.0000,
0.0000

■ 195.9560,
-23.1493, 51.7816

■ 181.9530,
-28.5708, 64.0622

■ 167.2490,
-34.1398, 76.9576

■ 153.2460,
-39.5613, 89.2383

■ 139.2430,
-44.9828, 101.5189

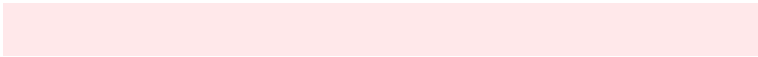
■ 124.5390,
-50.5517, 114.4143

■ 112.6390,
-55.5310, 124.8506

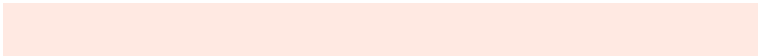
Harmonies

Analogous

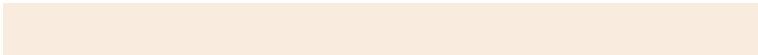
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



239.1050, -2.5168, 13.9399



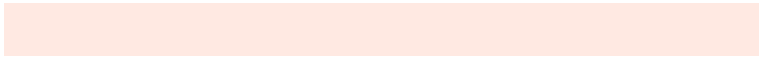
238.7800, -6.3005, 14.2249



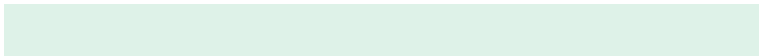
237.5900, -8.1789, 10.0066

Triad

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



238.7800, -6.3005, 14.2249



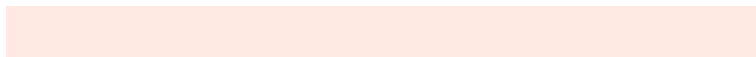
234.8800, -1.4198, -11.2958



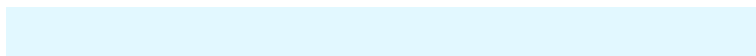
238.0410, 7.8678, -3.5440

Complementary

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



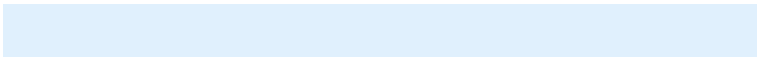
238.7800, -6.3005, 14.2249



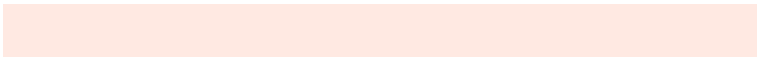
242.2200, 6.3005, -14.2249

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.



236.6980, 8.0369, -11.1361



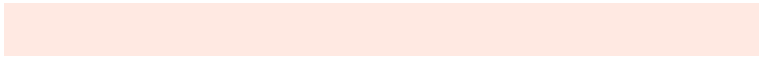
238.7800, -6.3005, 14.2249



234.9980, 2.9590, -15.7842

Square

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



238.7800, -6.3005, 14.2249



236.1860, -5.5147, -4.5481



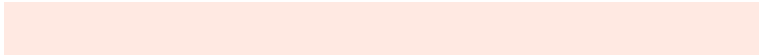
235.6220, 6.5954, -15.4545



238.8140, 5.5147, 4.5481

Rectangle

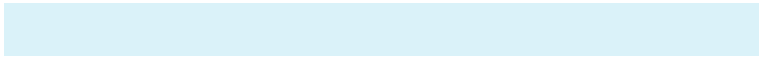
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



238.7800, -6.3005, 14.2249



237.2690, -8.0206, 5.9031



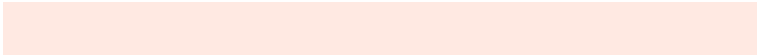
235.6220, 6.5954, -15.4545



237.4320, 8.1680, -6.5179

Sweetspot

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



238.7800, -6.3005, 14.2249



250.5660, -1.7580, 3.8886



237.1790, 5.3348, 15.6290



124.9680, -1.4632, 2.6591



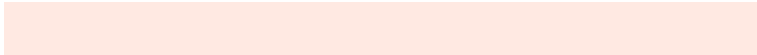
0.0000, 0.0000, 0.0000



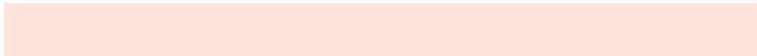
128.0000, 0.0000, 0.0000

Same Dimension

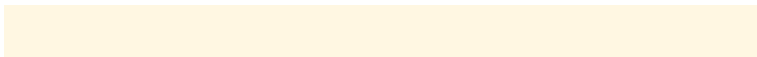
The Same Dimension uses a secret algorithm to generate beautiful new colors.



238.7800, -6.3005, 14.2249



235.0470, -7.9112, 17.4988



246.9980, -10.3520, 7.0178



120.6480, -2.7845, 6.4477



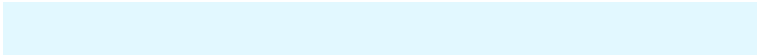
84.1110, -41.4667, 93.7417



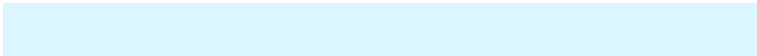
27.9410, -13.7749, 31.6237

Inverse Universe

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



242.2200, 6.3005, -14.2249



238.9530, 7.9112, -17.4988



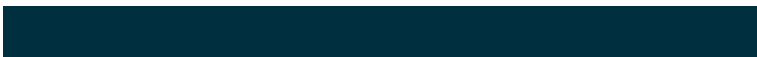
234.0020, 10.3520, -7.0178



121.7650, 3.0739, -5.9329



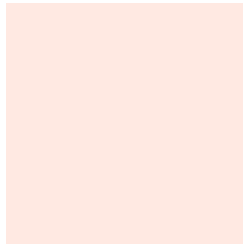
106.8890, 41.4667, -93.7417



35.4720, 14.0643, -31.1089

Previews

White Background



This preview shows how the YUV color 238.7800, -6.3005, 14.2249 looks on a white background.

Color Contrast Check

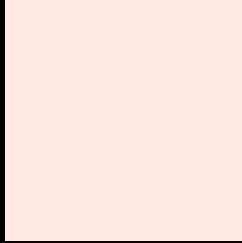
Large Text (above 18pt) WCAG AA × Fail

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 238.7800, -6.3005, 14.2249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

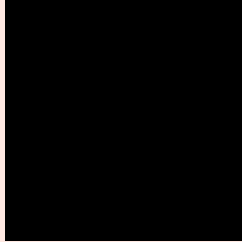
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 238.7800, -6.3005, 14.2249

Background



This preview shows how black text looks on a background with the YUV color 238.7800, -6.3005, 14.2249.



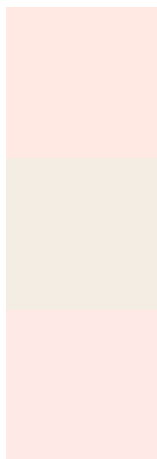
This preview shows how white text looks on a background with the YUV color 238.7800, -6.3005,

14.2249.

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

238.7800, -6.3005, 14.2249

Protanopia

238.0670, -4.9630, 5.2032

Deuteranopia

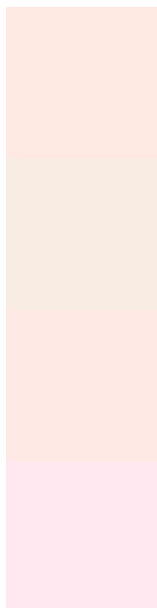
239.3500, -4.1165, 13.7251



Tritanopia

239.8860, 3.0142, 13.2550

Trichromacy



Original Color

238.7800, -6.3005, 14.2249

Protanomaly

238.5620, -5.7001, 8.2771

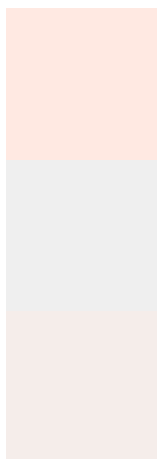
Deuteranomaly

239.1220, -4.9901, 13.9250

Tritanomaly

239.6750, -0.3328, 13.4400

Monochromacy



Original Color

238.7800, -6.3005, 14.2249

Achromatopsia

239.0000, 0.0000, 0.0000

Achromatomaly

239.0500, -2.4897, 5.2181

CSS Examples

Text

The CSS property to change the color of the text to YUV 238.7800, -6.3005, 14.2249 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, 233, 226)` looks like.

```
.text, #text, p{  
    color:rgb(255, 233, 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(255, 233, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 233, 226) }
```

Border

The CSS property to change the border of an element to YUV 238.7800, -6.3005, 14.2249 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, 233, 226) }
```


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

```
.border{ border-color:rgb(255, 233, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 233, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 233, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 233, 226); box-shadow:4px 4px 4px 4px rgb(255, 233, 226) }
```

Background

The CSS property to change the background color of an element to YUV 238.7800, -6.3005, 14.2249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 233, 226) }
```

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

```
.background{ background-color: rgb(255,  
233, 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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