

Converting Colors

YUV(238.2790, -3.0955,
12.9103)

Have a look what the booklet for
YUV(238.2790, -3.0955, 12.9103)
contains.

YUV(238.2790, -3.0955, 12.9103)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(238.2790, -3.0955,
12.9103)**

Conversions

Conversions Part 1

Format	Color
Hex	FDE8E8
RGB	253, 232, 232
RGB Percent	99%, 91%, 91%
CMY	0.0078, 0.0902, 0.0902
CMYK	0.00, 0.08, 0.08, 0.01
HSL	0°, 84%, 95%
HSV	0°, 8%, 99%
XYZ	83.9301, 84.4221, 88.2154
YIQ	238.2790, 12.5160, 4.4520

Conversions

Conversions Part 2

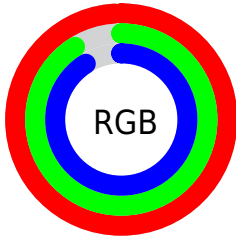
Format	Color
R _Y B	253, 232, 232
Decimal	16640232
CIE Lab	93.63, 7.13, 2.58
CIE LCh	94, 7.585, 19.846
Yxy	84.4221, 0.3271, 0.3290
Android (android.graphics.Color)	4294830312 (0xFFFDE8E8)
YUV	238.2790, -3.0955, 12.9103
Hunter-Lab	91.8815, 2.2601, 7.3927

Details

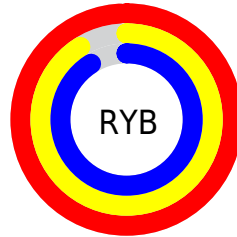
The YUV color $238.2790, -3.0955, 12.9103$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $246.7210, 3.0955, -12.9103$, and the grayscale version is $238.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $181.9800, -2.9481, 12.2955$ is the 20% darker color. If you saturate the color by 10%, you get $220.7540, -6.7807, 28.2797$, and if you desaturate by 10%, it is $254.4020, 0.2948, -1.2296$.

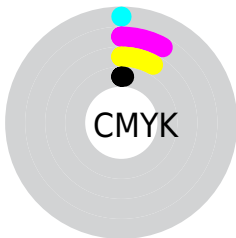
Distribution



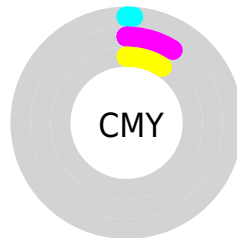
- Red (99%)
- Green (91%)
- Blue (91%)



- Red (99%)
- Yellow (91%)
- Blue (91%)



- Cyan (0%)
- Magenta (8%)
- Yellow (8%)
- Black (1%)



- Cyan (1%)
- Magenta (9%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 238.2790, -3.0955, 12.9103 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 238.2790, -3.0955, 12.9103 by changing the saturation by 10% instead.


 238.2790, -3.0955,
12.9103

 238.2790, -3.0955,
12.9103

255.0000, 0.0000,
0.0000


 209.9800, -2.9481,
12.2955

 181.9800, -2.9481,
12.2955

 155.6810, -2.8007,
11.6808

 129.3820, -2.6533,
11.0660

 104.3820, -2.6533,
11.0660

 80.0830, -2.5059,
10.4512

 56.8980, -1.9217,

9.7365

■ 35.4850, -2.2111,
9.2217

■ 12.6810, -2.8007,
11.6808

■ 238.2790, -3.0955,
12.9103

■ 238.2790, -3.0955,
12.9103

■ 220.7540, -6.7807,
28.2797

254.4020, 0.2948,
-1.2296

■ 202.5280,
-10.6133, 44.2639

■ 185.0030,
-14.2985, 59.6334

■ 167.4780,
-17.9837, 75.0028

■ 149.2520,
-21.8162, 90.9870

■ 131.7270,
-25.5014, 106.3564

■ 114.2020,
-29.1866, 121.7258

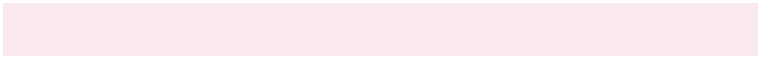
■ 96.6770, -32.8718,
137.0953

■ 78.4510, -36.7043,
153.0795

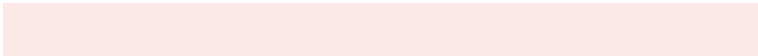
Harmonies

Analogous

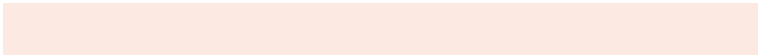
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



238.1800, 0.4043, 10.3661



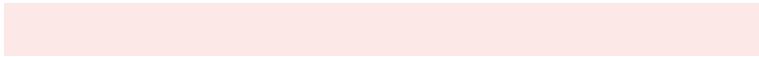
238.2790, -3.0955, 12.9103



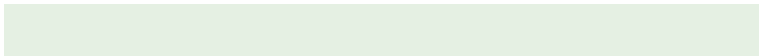
237.5840, -5.7109, 11.7658

Triad

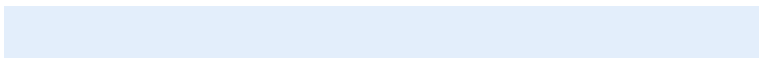
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



238.2790, -3.0955, 12.9103



235.2290, -4.0569, -5.4628



236.1930, 7.2999, -8.0623

Complementary

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



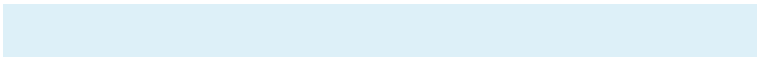
238.2790, -3.0955, 12.9103



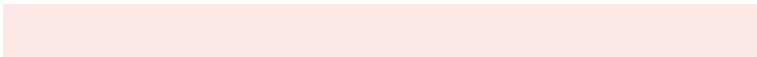
246.7210, 3.0955, -12.9103

Split Complementary

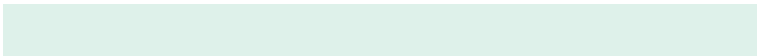
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



235.2310, 6.2951, -12.4806



238.2790, -3.0955, 12.9103



234.5210, -0.2569, -10.9809

Square

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



238.2790, -3.0955, 12.9103



236.2900, -6.5520, 1.4997



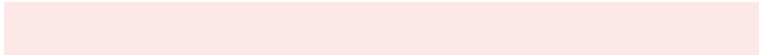
234.4220, 3.2430, -13.5251



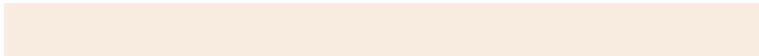
237.2970, 6.2626, -2.0145

Rectangle

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



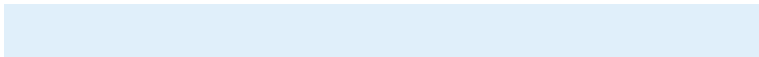
238.2790, -3.0955, 12.9103



237.5190, -7.1579, 9.1918



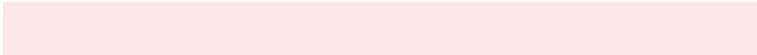
234.4220, 3.2430, -13.5251



235.7690, 7.0159, -10.3214

Sweetspot

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



238.2790, -3.0955, 12.9103



251.4950, -0.7370, 3.0739



240.6730, 6.0772, 10.8108



125.8970, -0.4422, 1.8443



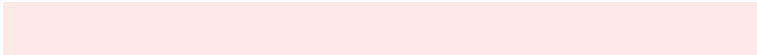
0.0000, 0.0000, 0.0000



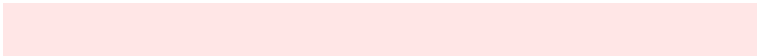
128.0000, 0.0000, 0.0000

Same Dimension

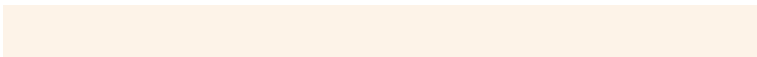
The Same Dimension uses a secret algorithm to generate beautiful new colors.



238.2790, -3.0955, 12.9103



237.4750, -3.6852, 15.3694



244.7360, -6.2788, 7.2475



118.8870, -1.9163, 7.9921



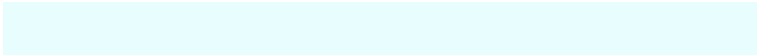
57.1090, -28.1547, 117.4224



19.1360, -9.4340, 39.3457

Inverse Universe

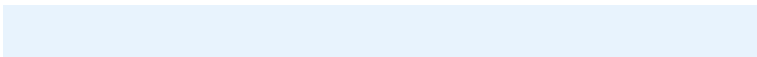
The Inverse Universe completely reimagines the original color for something new.



246.7210, 3.0955, -12.9103



247.5250, 3.6852, -15.3694



240.8510, 5.9895, -7.7623



124.1130, 1.9163, -7.9921



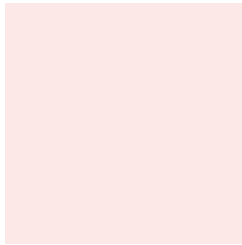
133.8910, 28.1547, -117.4224



44.8640, 9.4340, -39.3457

Previews

White Background



This preview shows how the YUV color 238.2790, -3.0955, 12.9103 looks on a white background.

Color Contrast Check

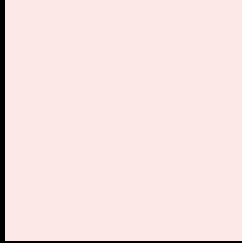
Large Text (above 18pt) WCAG AA × Fail

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 238.2790, -3.0955, 12.9103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

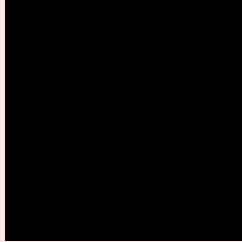
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

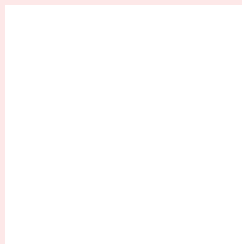
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 238.2790, -3.0955, 12.9103

Background



This preview shows how black text looks on a background with the YUV color 238.2790, -3.0955, 12.9103.

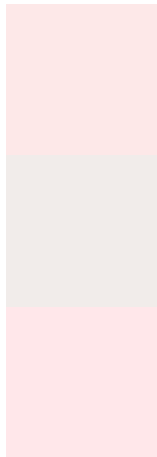


This preview shows how white text looks on a background with the YUV color 238.2790, -3.0955,

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

238.2790, -3.0955, 12.9103

Protanopia

237.2670, -1.6106, 3.2738

Deuteranopia

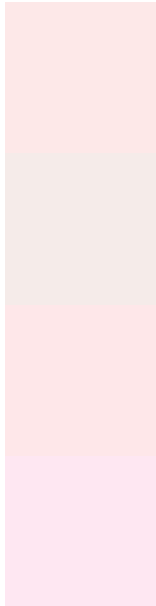
238.5180, -2.2274, 14.4547



Tritanopia

239.4130, 3.7404, 13.6698

Trichromacy



Original Color

238.2790, -3.0955, 12.9103

Protanomaly

237.7620, -2.3477, 6.3477

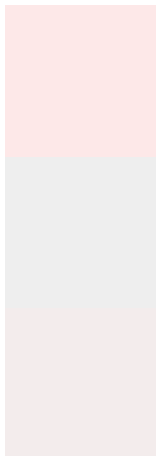
Deuteranomaly

238.1050, -2.5168, 13.9399

Tritanomaly

239.1310, 1.4144, 13.0401

Monochromacy



Original Color

238.2790, -3.0955, 12.9103

Achromatopsia

238.0000, 0.0000, 0.0000

Achromatomaly

238.0930, -1.0318, 4.3034

CSS Examples

Text

The CSS property to change the color of the text to YUV 238.2790, -3.0955, 12.9103 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(253, 232, 232)` looks like.

```
.text, #text, p{  
    color:rgb(253, 232, 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(253, 232, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 232, 232) }
```

Border

The CSS property to change the border of an element to YUV 238.2790, -3.0955, 12.9103 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(253, 232, 232) }
```


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

```
.border{ border-color:rgb(253, 232, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 232, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 232, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 232, 232);  
box-shadow:4px 4px 4px 4px rgb(253, 232,  
232) }
```

Background

The CSS property to change the background color of an element to YUV 238.2790, -3.0955, 12.9103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 232, 232) }
```

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

```
.background{ background-color: rgb(253,  
232, 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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