

Converting Colors

YUV(238.3070, -5.5744,
14.6398)

Have a look what the booklet for
YUV(238.3070, -5.5744, 14.6398)
contains.

YUV(238.3070, -5.5744, 14.6398)	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(238.3070, -5.5744,
14.6398)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE8E3
RGB	255, 232, 227
RGB Percent	100%, 91%, 89%
CMY	0.0000, 0.0902, 0.1098
CMYK	0.00, 0.09, 0.11, 0.00
HSL	11°, 100%, 95%
HSV	11°, 11%, 100%
XYZ	83.9617, 84.5193, 84.5616
YIQ	238.3070, 15.3130, 3.3210

Conversions

Conversions Part 2

Format	Color
R_{YB}	255, 233, 227
Decimal	16771299
CIE Lab	93.68, 7.01, 5.26
CIE LCh	94, 8.766, 36.860
Yxy	84.5193, 0.3318, 0.3340
Android (android.graphics.Color)	4294961379 (0xFFFFE8E3)
YUV	238.3070, -5.5744, 14.6398
Hunter-Lab	91.9344, 2.1352, 9.8189

Details

The YUV color $238.3070, -5.5744, 14.6398$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $243.6930, 5.5744, -14.6398$, 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 $182.1220, -4.9901, 13.9250$ is the 20% darker color. If you saturate the color by 10%, you get $223.1300, -10.4171, 27.9500$, and if you desaturate by 10%, it is $253.4840, -0.7316, 1.3295$.

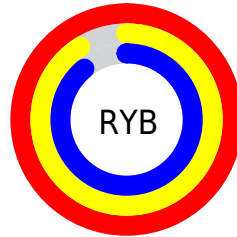
Distribution



Red (100%)

Green (91%)

Blue (89%)



Red (100%)

Yellow (91%)

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 238.3070, -5.5744, 14.6398 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 238.3070, -5.5744, 14.6398 by changing the saturation by 10% instead.

 238.3070, -5.5744,
14.6398

 238.3070, -5.5744,
14.6398

255.0000, 0.0000,
0.0000


 210.0080, -5.4269,
14.0250

 182.1220, -4.9901,
13.9250

 155.7090, -5.2795,
13.4102

 129.5240, -4.6953,
12.6955

 104.2250, -4.5479,
12.0807

 79.9260, -4.4005,
11.4659

 57.0400, -3.9637,

11.3659

■ 35.4420, -3.6689,
10.1364

■ 12.5950, -5.7163,
13.5102

■ 238.3070, -5.5744,
14.6398

■ 238.3070, -5.5744,
14.6398

■ 223.1300,
-10.4171, 27.9500

■ 253.4840, -0.7316,
1.3295

■ 207.8390,
-15.6966, 41.3602

■ 255.0000, 0.0000,
0.0000

■ 192.5480,
-20.9762, 54.7704

■ 177.3710,
-25.8189, 68.0806

■ 162.0800,
-31.0984, 81.4908

■ 146.9030,
-35.9412, 94.8011

■ 131.7260,
-40.7839, 108.1113

■ 116.4350,
-46.0635, 121.5215

■ 103.2470,
-50.9008, 133.0874

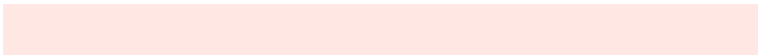
Harmonies

Analogous

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



238.6320, -1.7906, 14.3547



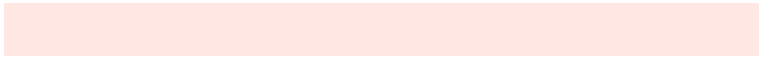
238.3070, -5.5744, 14.6398



237.4160, -7.6001, 11.0362

Triad

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



238.3070, -5.5744, 14.6398



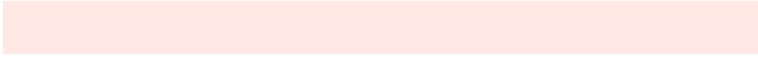
234.3640, -2.1515, -9.9662



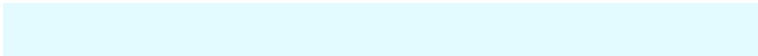
237.0300, 7.8732, -5.2883

Complementary

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



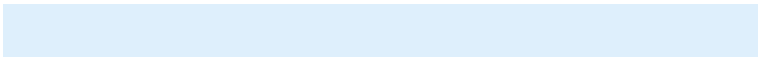
238.3070, -5.5744, 14.6398



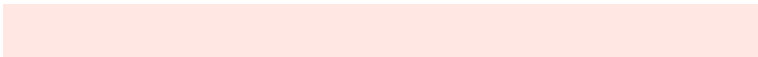
243.6930, 5.5744, -14.6398

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.



235.3990, 8.1843, -11.7509



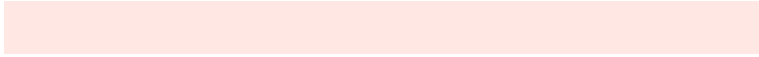
238.3070, -5.5744, 14.6398



234.0690, 1.9380, -14.9695

Square

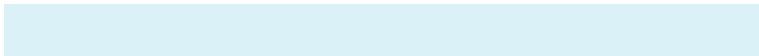
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



238.3070, -5.5744, 14.6398



235.0830, -5.9569, -2.7038



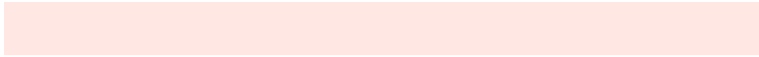
234.5080, 6.1586, -15.3545



237.9170, 5.9569, 2.7038

Rectangle

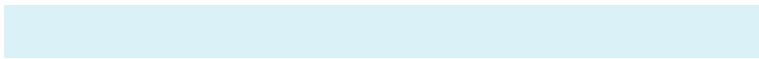
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



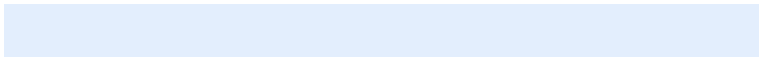
238.3070, -5.5744, 14.6398



236.8670, -8.3154, 7.1326



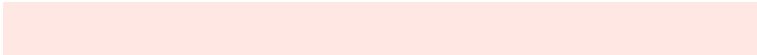
234.5080, 6.1586, -15.3545



236.4210, 8.1734, -8.2622

Sweetspot

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



238.3070, -5.5744, 14.6398



250.5660, -1.7580, 3.8886



237.9940, 5.9190, 14.9143



124.3810, -1.1738, 3.1739



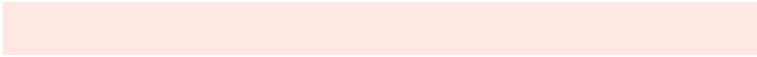
0.0000, 0.0000, 0.0000



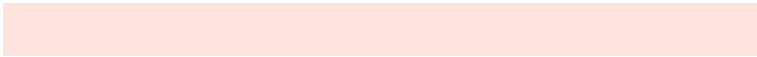
128.0000, 0.0000, 0.0000

Same Dimension

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



238.3070, -5.5744, 14.6398



235.3890, -6.6008, 17.1988



246.5250, -9.6258, 7.4326



120.0610, -2.4951, 6.9625



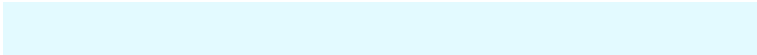
77.0670, -37.9940, 99.9192



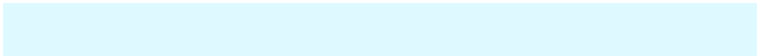
25.5930, -12.6173, 33.6829

Inverse Universe

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



243.6930, 5.5744, -14.6398



241.6110, 6.6008, -17.1988



235.4750, 9.6258, -7.4326



122.3520, 2.7845, -6.4477



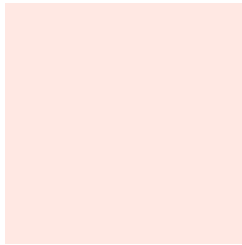
113.9330, 37.9940, -99.9192



37.8200, 12.9067, -33.1681

Previews

White Background



This preview shows how the YUV color 238.3070, -5.5744, 14.6398 looks on a white background.

Color Contrast Check

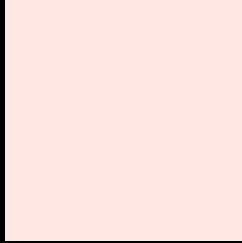
Large Text (above 18pt) WCAG AA × Fail

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 238.3070, -5.5744, 14.6398 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

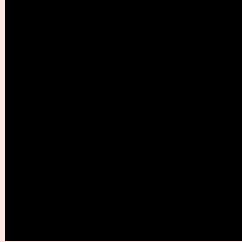
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

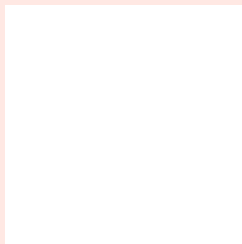
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 238.3070, -5.5744, 14.6398

Background



This preview shows how black text looks on a background with the YUV color 238.3070, -5.5744, 14.6398.



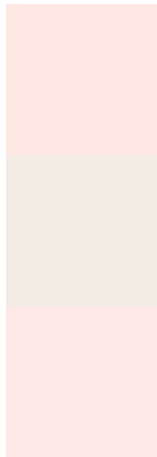
This preview shows how white text looks on a background with the YUV color 238.3070, -5.5744,

14.6398.

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

238.3070, -5.5744, 14.6398

Protanopia

237.2950, -4.0894, 5.0033

Deuteranopia

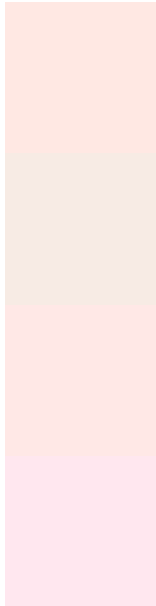
238.7630, -3.8272, 14.2398



Tritanopia

239.2990, 3.3036, 13.7698

Trichromacy



Original Color

238.3070, -5.5744, 14.6398

Protanomaly

237.7900, -4.8265, 8.0772

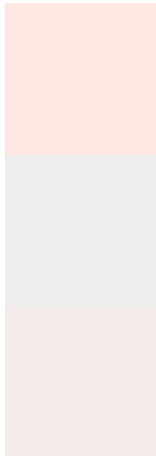
Deuteranomaly

238.6490, -4.2640, 14.3398

Tritanomaly

239.0880, -0.0434, 13.9548

Monochromacy



Original Color

238.3070, -5.5744, 14.6398

Achromatopsia

238.0000, 0.0000, 0.0000

Achromatomaly

238.1640, -2.0529, 5.1182

CSS Examples

Text

The CSS property to change the color of the text to YUV 238.3070, -5.5744, 14.6398 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, 232, 227)` looks like.

```
.text, #text, p{  
    color:rgb(255, 232, 227)  
}
```

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, 232, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 232, 227) }
```

Border

The CSS property to change the border of an element to YUV 238.3070, -5.5744, 14.6398 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, 232, 227) }
```


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

```
.border{ border-color:rgb(255, 232, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 232, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 232, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 232, 227);  
box-shadow:4px 4px 4px 4px rgb(255, 232,  
227) }
```

Background

The CSS property to change the background color of an element to YUV 238.3070, -5.5744, 14.6398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 232, 227) }
```

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

```
.background{ background-color: rgb(255,  
232, 227) }
```

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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