

Converting Colors

YUV(237.3030, -12.9674,
5.8733)

Have a look what the booklet for
YUV(237.3030, -12.9674, 5.8733)
contains.

YUV(237.3030, -12.9674, 5.8733)	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(237.3030, -12.9674,
5.8733)**

Conversions

Conversions Part 1

Format	Color
Hex	F4EFD3
RGB	244, 239, 211
RGB Percent	96%, 94%, 83%
CMY	0.0431, 0.0627, 0.1725
CMYK	0.00, 0.02, 0.14, 0.04
HSL	51°, 60%, 89%
HSV	51°, 14%, 96%
XYZ	79.9326, 85.6692, 73.9509
YIQ	237.3030, 11.9680, -7.6480

Conversions

Conversions Part 2

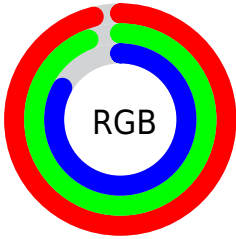
Format	Color
R_{YB}	217, 244, 211
Decimal	16052179
CIE _{Lab}	94.17, -2.92, 14.15
CIE _{LCh}	94, 14.446, 101.667
Yxy	85.6692, 0.3337, 0.3576
Android (android.graphics.Color)	4294242259 (0xFFFF4EFD3)
YUV	237.3030, -12.9674, 5.8733
Hunter-Lab	92.5577, -7.8238, 17.4194

Details

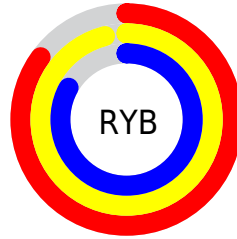
The YUV color $237.3030, -12.9674, 5.8733$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $217.6970, 12.9674, -5.8733$, and the grayscale version is $237.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $181.4170, -12.5306, 5.7733$ is the 20% darker color. If you saturate the color by 10%, you get $232.2190, -22.2930, 10.3319$, and if you desaturate by 10%, it is $242.3870, -3.6418, 1.4146$.

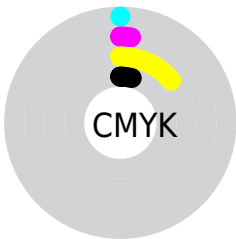
Distribution



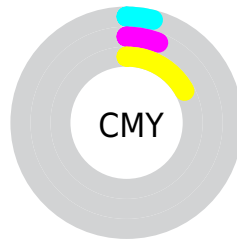
- Red (96%)
- Green (94%)
- Blue (83%)



- Red (85%)
- Yellow (96%)
- Blue (83%)



- Cyan (0%)
- Magenta (2%)
- Yellow (14%)
- Black (4%)



- Cyan (4%)
- Magenta (6%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 237.3030, -12.9674, 5.8733 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 237.3030, -12.9674, 5.8733 by changing the saturation by 10% instead.

■ 237.3030,
-12.9674, 5.8733

■ 237.3030,
-12.9674, 5.8733

255.0000, 0.0000,
0.0000

■ 209.0040,
-12.8200, 5.2585

■ 181.4170,
-12.5306, 5.7733

■ 154.5310,
-12.0938, 5.6733

■ 128.3460,
-11.5096, 4.9586

■ 103.4600,
-11.0728, 4.8586

■ 79.2750, -10.4886,
4.1438

■ 56.3890, -10.0518,

4.0438

■ 35.0900, -9.9044,
3.4291

■ 13.8770, -6.8414,
0.9849

■ 237.3030,
-12.9674, 5.8733

■ 237.3030,
-12.9674, 5.8733

■ 232.2190,
-22.2930, 10.3319

■ 242.3870, -3.6418,
1.4146

■ 227.6080,
-32.3447, 14.3758

■ 246.4280, 4.2260,
-2.1294

■ 222.5240,
-41.6703, 18.8345

■ 248.7760, 3.0684,
-4.1886

■ 217.3260,
-51.4327, 23.3931

■ 251.1240, 1.9109,
-6.2477

■ 212.8290,
-61.0477, 27.3370

■ 251.7110, 1.6215,
-6.7625

■ 207.7450,
-70.3733, 31.7956

■ 202.5470,
-80.1357, 36.3543

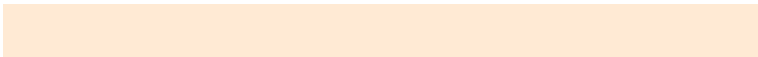
■ 197.4630,
-89.4613, 40.8129

■ 194.4650,
-95.8712, 43.4422

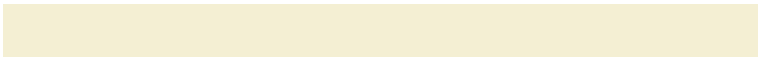
Harmonies

Analogous

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



237.7710, -12.7051, 15.1098



237.3030, -12.9674, 5.8733



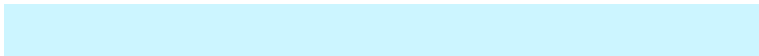
235.5510, -9.1456, -6.6222

Triad

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



237.3030, -12.9674, 5.8733



233.8810, 10.4117, -26.2056



239.4130, 3.7404, 13.6698

Complementary

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



237.3030, -12.9674, 5.8733



217.6970, 12.9674, -5.8733

Split Complementary

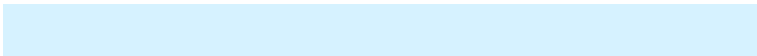
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



239.9930, 7.3985, 7.0221



237.3030, -12.9674, 5.8733



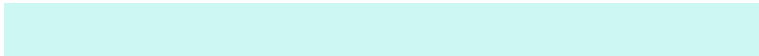
235.1100, 9.8058, -18.5135

Square

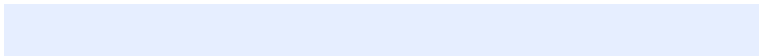
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



237.3030, -12.9674, 5.8733



233.6870, 4.5913, -26.0355



237.5460, 8.6048, -6.6178



237.2300, -2.0854, 15.5843

Rectangle

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



237.3030, -12.9674, 5.8733



234.6470, -4.7560, -14.5994



237.5460, 8.6048, -6.6178



240.5700, 5.6350, 12.6551

Sweetspot

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



237.3030, -12.9674, 5.8733



252.6860, -3.7892, 2.0294



221.5510, -2.2436, 19.6878



126.6150, -2.7682, 1.2146



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.



237.3030, -12.9674, 5.8733



246.8040, -16.1724, 7.1879



236.9490, -12.7929, -3.4633



120.0450, -4.9522, 1.7145



148.3600, -73.1415, 33.0103



46.9910, -23.1666, 10.5319

Inverse Universe

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



217.6970, 12.9674, -5.8733



222.1960, 16.1724, -7.1879



218.0510, 12.7929, 3.4633



112.5420, 4.6628, -2.2293



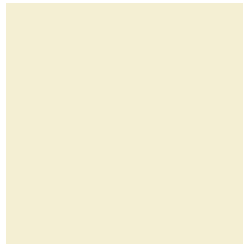
37.6400, 73.1415, -33.0103



12.0090, 23.1666, -10.5319

Previews

White Background



This preview shows how the YUV color 237.3030, -12.9674, 5.8733 looks on a white background.

Color Contrast Check

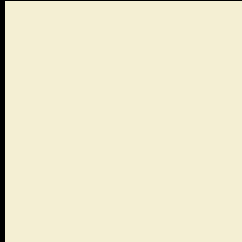
Large Text (above 18pt) WCAG AA × Fail

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 237.3030, -12.9674, 5.8733 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

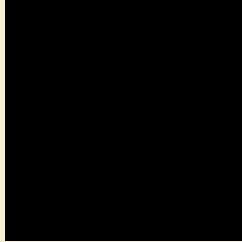
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

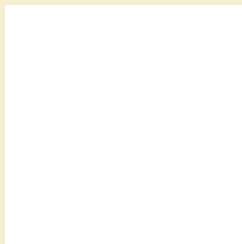
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 237.3030, -12.9674, 5.8733

Background



This preview shows how black text looks on a background with the YUV color 237.3030, -12.9674, 5.8733.



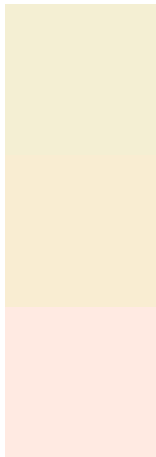
This preview shows how white text looks on a background with the YUV color 237.3030, -12.9674, 5.8733.

5.8733.

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

237.3030, -12.9674, 5.8733

Protanopia

237.5100, -13.5624, 10.0767

Deuteranopia

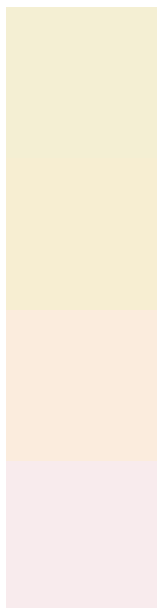
239.3670, -6.5899, 13.7101



Tritanopia

240.2490, 5.7932, 8.5516

Trichromacy



Original Color

237.3030, -12.9674, 5.8733

Protanomaly

237.4990, -13.5570, 8.3324

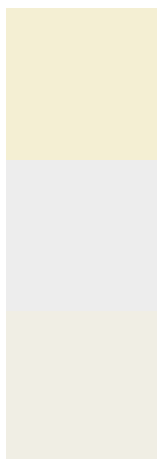
Deuteranomaly

238.7750, -8.7631, 10.7213

Tritanomaly

239.1150, -1.0427, 7.7921

Monochromacy



Original Color

237.3030, -12.9674, 5.8733

Achromatopsia

237.0000, 0.0000, 0.0000

Achromatomaly

237.4580, -4.6628, 2.2293

CSS Examples

Text

The CSS property to change the color of the text to YUV 237.3030, -12.9674, 5.8733 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(244, 239, 211)` looks like.

```
.text, #text, p{  
    color:rgb(244, 239, 211)  
}
```

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(244, 239, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 239, 211) }
```

Border

The CSS property to change the border of an element to YUV 237.3030, -12.9674, 5.8733 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(244, 239, 211) }
```


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

```
.border{ border-color:rgb(244, 239, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 239, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(244, 239, 211); -webkit-box-shadow:4px 4px 4px 4px rgb(244, 239, 211); box-shadow:4px 4px 4px 4px rgb(244, 239, 211) }
```

Background

The CSS property to change the background color of an element to YUV 237.3030, -12.9674, 5.8733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 239, 211) }
```

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

```
.background{ background-color: rgb(244,  
239, 211) }
```

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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