

Converting Colors

YUV(238.2410, -22.3038,
13.8206)

Have a look what the booklet for
YUV(238.2410, -22.3038, 13.8206)
contains.

YUV(238.2410, -22.3038, 13.8206)	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(238.2410, -22.3038,
13.8206)**

Conversions

Conversions Part 1

Format	Color
Hex	FEEFC1
RGB	254, 239, 193
RGB Percent	100%, 94%, 76%
CMY	0.0039, 0.0627, 0.2431
CMYK	0.00, 0.06, 0.24, 0.00
HSL	45°, 97%, 88%
HSV	45°, 24%, 100%
XYZ	81.3652, 86.6541, 62.8896
YIQ	238.2410, 23.7060, -11.1260

Conversions

Conversions Part 2

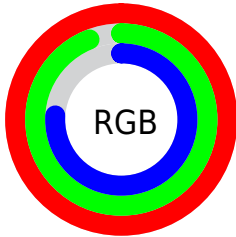
Format	Color
R _Y B	213, 254, 193
Decimal	16707521
CIE Lab	94.59, -1.93, 24.12
CIE LCh	95, 24.192, 94.578
Yxy	86.6541, 0.3524, 0.3753
Android (android.graphics.Color)	4294897601 (0xFFFEFC1)
YUV	238.2410, -22.3038, 13.8206
Hunter-Lab	93.0882, -6.8836, 25.1059

Details

The YUV color $238.2410, -22.3038, 13.8206$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $208.7590, 22.3038, -13.8206$, and the grayscale version is $238.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $254.4300, -2.1840, 0.4999$, and $182.1700, -21.2828, 13.0059$ is the 20% darker color. If you saturate the color by 10%, you get $231.8690, -31.4874, 19.4089$, and if you desaturate by 10%, it is $244.6130, -13.1202, 8.2324$.

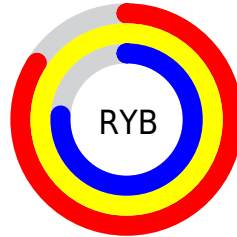
Distribution



Red (100%)

Green (94%)

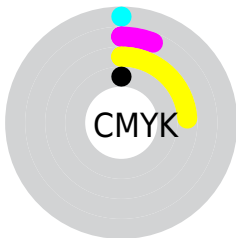
Blue (76%)



Red (84%)

Yellow (100%)

Blue (76%)

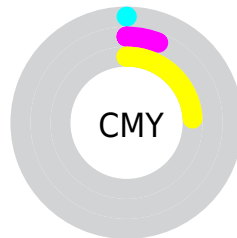


Cyan (0%)

Magenta (6%)

Yellow (24%)

Black (0%)



Cyan (0%)

Magenta (6%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 238.2410, -22.3038, 13.8206 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 238.2410, -22.3038, 13.8206 by changing the saturation by 10% instead.

238.2410,
-22.3038, 13.8206

238.2410,
-22.3038, 13.8206

255.0000, 0.0000,
0.0000

210.0560,
-21.7196, 13.1059

254.4300, -2.1840,
0.4999

182.1700,
-21.2828, 13.0059

155.0990,
-20.2618, 12.1912

128.9140,
-19.6776, 11.4764

103.7290,
-19.0934, 10.7617

79.5440, -18.5092,
10.0469

56.1740, -17.3408,

8.6174

■ 34.8750, -17.1934,
8.0026

■ 15.0730, -7.4310,
3.4440

■ 238.2410,
-22.3038, 13.8206

■ 238.2410,
-22.3038, 13.8206

■ 231.8690,
-31.4874, 19.4089

■ 244.6130,
-13.1202, 8.2324

■ 225.3830,
-41.1078, 25.0971

■ 251.0990, -3.4998,
2.5442

■ 218.4240,
-50.0020, 31.2002

254.7010, 0.1474,
-0.6148

■ 211.9380,
-59.6224, 36.8884

■ 205.5660,
-68.8060, 42.4766

■ 199.1940,
-77.9896, 48.0649

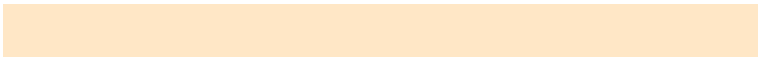
■ 192.1210,
-87.3207, 54.2679

■ 188.6500,
-93.0044, 57.3120

Harmonies

Analogous

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



234.4140, -17.9521, 18.0539



238.2410, -22.3038, 13.8206



235.4880, -17.0026, -6.5670

Triad

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



238.2410, -22.3038, 13.8206



229.6180, 12.5133, -47.0230



237.9770, 8.3923, 14.9292

Complementary

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



238.2410, -22.3038, 13.8206



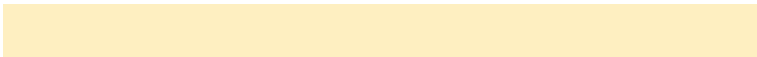
208.7590, 22.3038, -13.8206

Split Complementary

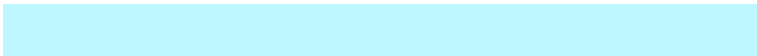
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



239.4060, 7.6878, 7.5369



238.2410, -22.3038, 13.8206



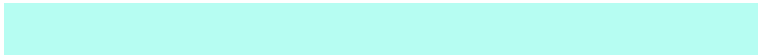
230.8690, 11.8966, -35.8421

Square

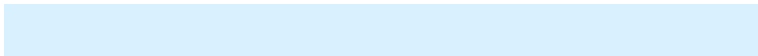
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



238.2410, -22.3038, 13.8206



230.5170, 5.6611, -42.5494



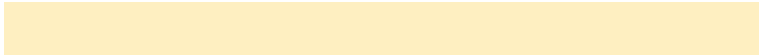
234.8330, 9.9423, -15.6395



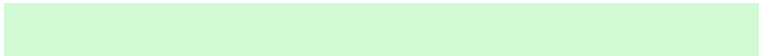
234.1640, 1.3981, 18.2732

Rectangle

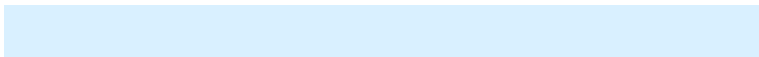
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



238.2410, -22.3038, 13.8206



233.7080, -10.7020, -20.7919



234.8330, 9.9423, -15.6395



239.1510, 7.8136, 13.8996

Sweetspot

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



238.2410, -22.3038, 13.8206



250.6000, -6.7048, 3.8588



212.9490, -2.4399, 36.0017



124.9850, -3.9366, 2.6442



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

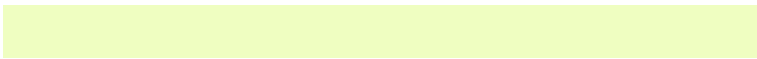
The Same Dimension uses a secret algorithm to generate beautiful new colors.



238.2410, -22.3038, 13.8206



235.9980, -27.1140, 16.6648



242.5610, -24.4336, -3.1230



124.1700, -4.5208, 3.3589



141.6370, -69.8270, 43.2914



47.3120, -23.3248, 14.6354

Inverse Universe

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



208.7590, 22.3038, -13.8206



200.0020, 27.1140, -16.6648



204.4390, 24.4336, 3.1230



118.2430, 4.8102, -2.8441



49.3630, 69.8270, -43.2914



16.6880, 23.3248, -14.6354

Previews

White Background



This preview shows how the YUV color 238.2410, -22.3038, 13.8206 looks on a white background.

Color Contrast Check

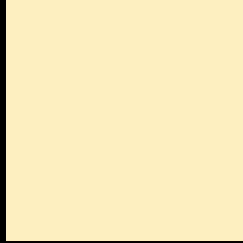
Large Text (above 18pt) WCAG AA × Fail

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 238.2410, -22.3038, 13.8206 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 238.2410, -22.3038, 13.8206

Background



This preview shows how black text looks on a background with the YUV color 238.2410, -22.3038, 13.8206.



This preview shows how white text looks on a background with the YUV color 238.2410, -22.3038, 13.8206.

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

238.2410, -22.3038, 13.8206

Protanopia

238.2410, -22.3038, 13.8206

Deuteranopia

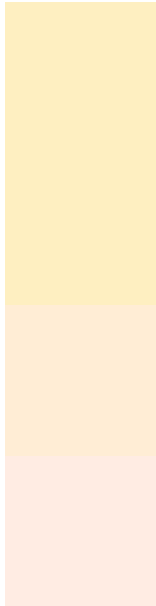
240.3130, -8.0423, 12.8805



Tritanopia

241.7610, 2.5828, 11.6106

Trichromacy



Original Color

238.2410, -22.3038, 13.8206

Protanomaly

238.2410, -22.3038, 13.8206

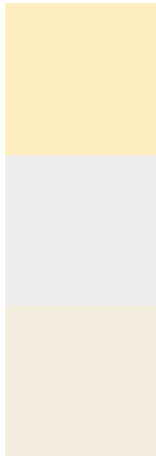
Deuteranomaly

239.6460, -13.1365, 13.4655

Tritanomaly

240.6550, -6.7319, 12.5806

Monochromacy



Original Color

238.2410, -22.3038, 13.8206

Achromatopsia

238.0000, 0.0000, 0.0000

Achromatomaly

237.9700, -7.8732, 5.2883

CSS Examples

Text

The CSS property to change the color of the text to YUV 238.2410, -22.3038, 13.8206 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(254, 239, 193)` looks like.

```
.text, #text, p{  
    color:rgb(254, 239, 193)  
}
```

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(254, 239, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 239, 193) }
```

Border

The CSS property to change the border of an element to YUV 238.2410, -22.3038, 13.8206 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(254, 239, 193) }
```


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

```
.border{ border-color:rgb(254, 239, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 239, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 239, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 239, 193);  
box-shadow:4px 4px 4px 4px rgb(254, 239,  
193) }
```

Background

The CSS property to change the background color of an element to YUV 238.2410, -22.3038, 13.8206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 239, 193) }
```

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

```
.background{ background-color: rgb(254,  
239, 193) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor