

Converting Colors

YUV(238.9410, -20.6769,
5.3137)

Have a look what the booklet for
YUV(238.9410, -20.6769, 5.3137)
contains.

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Color

**YUV(238.9410, -20.6769,
5.3137)**

Conversions

Conversions Part 1

Format	Color
Hex	F5F4C5
RGB	245, 244, 197
RGB Percent	96%, 96%, 77%
CMY	0.0392, 0.0431, 0.2275
CMYK	0.00, 0.00, 0.20, 0.04
HSL	59°, 71%, 87%
HSV	59°, 20%, 96%
XYZ	80.0849, 88.1451, 65.6161
YIQ	238.9410, 15.6830, -14.4050

Conversions

Conversions Part 2

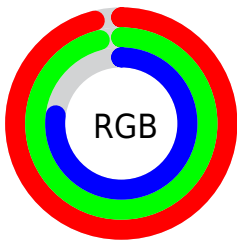
Format	Color
R_{YB}	198, 245, 197
Decimal	16118981
CIE _{Lab}	95.22, -7.15, 22.83
CIE _{LCh}	95, 23.924, 107.397
Yxy	88.1451, 0.3425, 0.3769
Android (android.graphics.Color)	4294309061 (0xFFFF5F4C5)
YUV	238.9410, -20.6769, 5.3137
Hunter-Lab	93.8856, -12.0384, 24.2825

Details

The YUV color $238.9410, -20.6769, 5.3137$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $203.0590, 20.6769, -5.3137$, and the grayscale version is $239.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $254.8860, -0.4368, 0.1000$, and $182.8700, -19.6559, 4.4990$ is the 20% darker color. If you saturate the color by 10%, you get $235.6180, -30.8707, 8.2280$, and if you desaturate by 10%, it is $242.3780, -10.0464, 2.2995$.

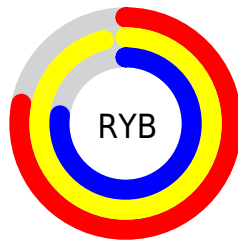
Distribution



Red (96%)

Green (96%)

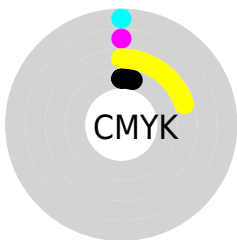
Blue (77%)



Red (78%)

Yellow (96%)

Blue (77%)

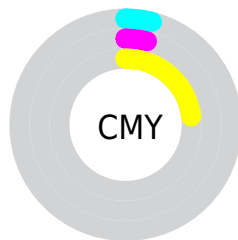


Cyan (0%)

Magenta (0%)

Yellow (20%)

Black (4%)



Cyan (4%)

Magenta (4%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 238.9410, -20.6769, 5.3137 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 238.9410, -20.6769, 5.3137 by changing the saturation by 10% instead.

■ 238.9410,
-20.6769, 5.3137

■ 238.9410,
-20.6769, 5.3137

255.0000, 0.0000,
0.0000

■ 210.7560,
-20.0927, 4.5990

254.8860, -0.4368,
0.1000

■ 182.8700,
-19.6559, 4.4990

■ 155.9840,
-19.2191, 4.3990

■ 130.0980,
-18.7823, 4.2991

■ 104.3260,
-17.9087, 4.0991

■ 80.2550, -16.8877,
3.2844

■ 57.0700, -16.3035,

2.5696

■ 34.8420, -17.1771,
2.7696

■ 15.0290, -7.4093,
-3.5334

■ 238.9410,
-20.6769, 5.3137

■ 238.9410,
-20.6769, 5.3137

■ 235.6180,
-30.8707, 8.2280

■ 242.3780,
-10.0464, 2.2995

■ 232.7680,
-41.7906, 10.7275

■ 245.1140, 0.4368,
-0.1000

■ 229.4450,
-51.9844, 13.6417

■ 246.7270, 4.0786,
-1.5146

■ 226.5950,
-62.9043, 16.1412

■ 247.3140, 3.7892,
-2.0294

■ 223.1580,
-73.5349, 19.1554

■ 247.9010, 3.4998,
-2.5442

■ 220.4220,
-84.0180, 21.5549

■ 248.4880, 3.2104,
-3.0590

■ 216.9850,
-94.6486, 24.5692

■ 214.2490,
-105.1318, 26.9686

■ 214.1350,
-105.5686, 27.0686

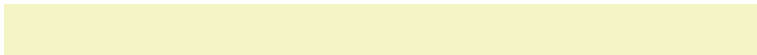
Harmonies

Analogous

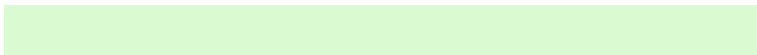
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



237.2350, -19.8359, 15.5799



238.9410, -20.6769, 5.3137



235.7580, -13.1917, -15.5738

Triad

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



238.9410, -20.6769, 5.3137



231.7110, 11.4815, -42.7195



237.6350, 7.0819, 15.2291

Complementary

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



238.9410, -20.6769, 5.3137



203.0590, 20.6769, -5.3137

Split Complementary

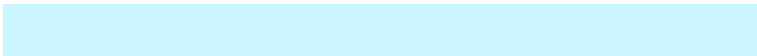
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



240.9120, 6.9454, 12.3552



238.9410, -20.6769, 5.3137



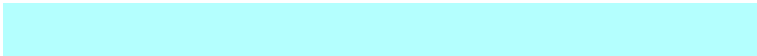
234.1690, 10.2697, -27.3352

Square

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



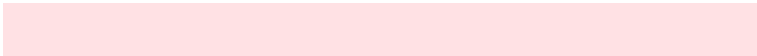
238.9410, -20.6769, 5.3137



232.4610, 10.6187, -46.0083



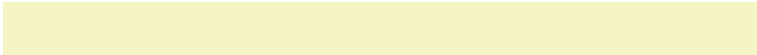
239.0300, 7.8732, -5.2883



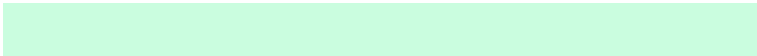
234.3120, -3.1118, 18.1434

Rectangle

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



238.9410, -20.6769, 5.3137



234.3310, -5.5862, -28.3543



239.0300, 7.8732, -5.2883



238.5640, 8.1029, 14.4144

Sweetspot

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



238.9410, -20.6769, 5.3137



253.2900, -6.5520, 1.4997



211.5800, -6.2019, 29.3093



126.3870, -3.6418, 1.4146



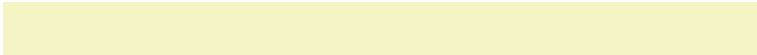
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

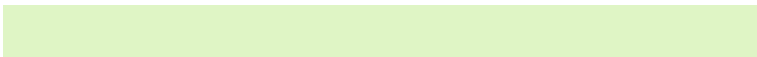
The Same Dimension uses a secret algorithm to generate beautiful new colors.



238.9410, -20.6769, 5.3137



247.4590, -26.3553, 6.6135



232.9500, -17.7233, -8.7261



120.6320, -5.2416, 1.1997



162.4480, -80.0869, 20.6551



51.1000, -25.1923, 6.9283

Inverse Universe

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



203.0590, 20.6769, -5.3137



201.5410, 26.3553, -6.6135



209.0500, 17.7233, 8.7261



111.3680, 5.2416, -1.1997



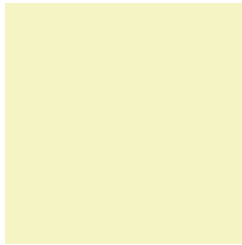
23.5520, 80.0869, -20.6551



7.3130, 25.4817, -6.4135

Previews

White Background



This preview shows how the YUV color 238.9410, -20.6769, 5.3137 looks on a white background.

Color Contrast Check

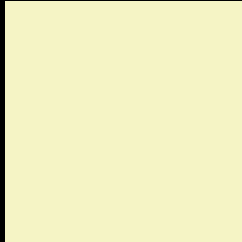
Large Text (above 18pt) WCAG AA × Fail

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 238.9410, -20.6769, 5.3137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

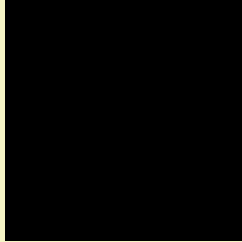
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 238.9410, -20.6769, 5.3137

Background



This preview shows how black text looks on a background with the YUV color 238.9410, -20.6769, 5.3137.

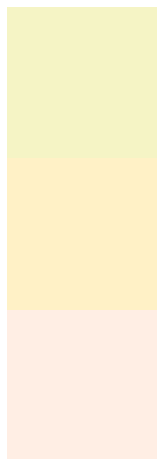


This preview shows how white text looks on a background with the YUV color 238.9410, -20.6769, 5.3137.

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

238.9410, -20.6769, 5.3137

Protanopia

240.2840, -20.8460, 12.9059

Deuteranopia

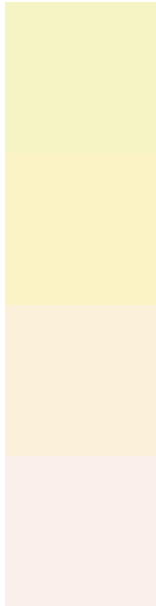
241.9430, -6.8739, 11.4510



Tritanopia

243.2490, 5.7932, 8.5516

Trichromacy



Original Color

238.9410, -20.6769, 5.3137

Protanomaly

239.6750, -20.5458, 9.9320

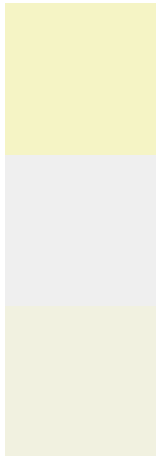
Deuteranomaly

240.6670, -11.6678, 9.0620

Tritanomaly

241.7190, -3.8055, 7.2624

Monochromacy



Original Color

238.9410, -20.6769, 5.3137

Achromatopsia

239.0000, 0.0000, 0.0000

Achromatomaly

239.0620, -7.4256, 1.6996

CSS Examples

Text

The CSS property to change the color of the text to YUV 238.9410, -20.6769, 5.3137 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(245, 244, 197)` looks like.

```
.text, #text, p{  
    color:rgb(245, 244, 197)  
}
```

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(245, 244, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 244, 197) }
```

Border

The CSS property to change the border of an element to YUV 238.9410, -20.6769, 5.3137 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(245, 244, 197) }
```


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

```
.border{ border-color:rgb(245, 244, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 244, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 244, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 244, 197);  
box-shadow:4px 4px 4px 4px rgb(245, 244,  
197) }
```

Background

The CSS property to change the background color of an element to YUV 238.9410, -20.6769, 5.3137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 244, 197) }
```

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

```
.background{ background-color: rgb(245,  
244, 197) }
```

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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