

Converting Colors

YUV(235.8380, -21.1191,
7.1581)

Have a look what the booklet for
YUV(235.8380, -21.1191, 7.1581)
contains.

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Color

**YUV(235.8380, -21.1191,
7.1581)**

Conversions

Conversions Part 1

Format	Color
Hex	F4F0C1
RGB	244, 240, 193
RGB Percent	96%, 94%, 76%
CMY	0.0431, 0.0588, 0.2431
CMYK	0.00, 0.02, 0.21, 0.04
HSL	55°, 70%, 86%
HSV	55°, 21%, 96%
XYZ	78.0940, 85.4035, 62.8206
YIQ	235.8380, 17.4710, -13.7690

Conversions

Conversions Part 2

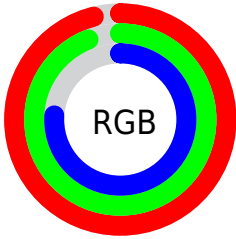
Format	Color
R_{YB}	197, 244, 193
Decimal	16052417
CIE _{Lab}	94.06, -6.08, 23.25
CIE _{LCh}	94, 24.035, 104.644
Yxy	85.4035, 0.3451, 0.3774
Android (android.graphics.Color)	4294242497 (0xFFFF4F0C1)
YUV	235.8380, -21.1191, 7.1581
Hunter-Lab	92.4140, -10.8841, 24.3860

Details

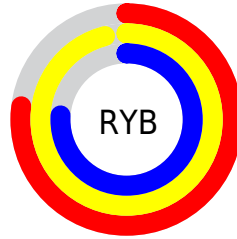
The YUV color $235.8380, -21.1191, 7.1581$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $201.1620, 21.1191, -7.1581$, and the grayscale version is $236.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $254.4300, -2.1840, 0.4999$, and $179.7670, -20.0981, 6.3433$ is the 20% darker color. If you saturate the color by 10%, you get $231.9280, -31.0235, 10.5871$, and if you desaturate by 10%, it is $239.7480, -11.2148, 3.7290$.

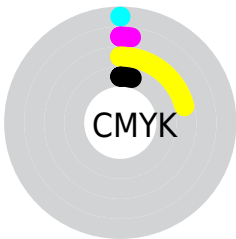
Distribution



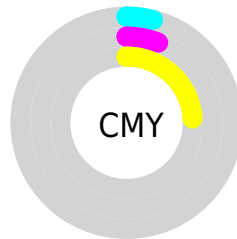
- Red (96%)
- Green (94%)
- Blue (76%)



- Red (77%)
- Yellow (96%)
- Blue (76%)



- Cyan (0%)
- Magenta (2%)
- Yellow (21%)
- Black (4%)



- Cyan (4%)
- Magenta (6%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 235.8380, -21.1191, 7.1581 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 235.8380, -21.1191, 7.1581 by changing the saturation by 10% instead.

■ 235.8380,
-21.1191, 7.1581

■ 235.8380,
-21.1191, 7.1581

■ 255.0000, 0.0000,
0.0000

■ 207.6530,
-20.5349, 6.4433

■ 254.4300, -2.1840,
0.4999

■ 179.7670,
-20.0981, 6.3433

■ 152.9950,
-19.2245, 6.1434

■ 127.1090,
-18.7877, 6.0434

■ 101.9240,
-18.2035, 5.3287

■ 77.7390, -17.6193,
4.6139

■ 54.6680, -16.5983,

3.7992

■ 33.0810, -16.3089,
4.3140

■ 12.0720, -5.9515,
-4.4481

■ 235.8380,
-21.1191, 7.1581

■ 235.8380,
-21.1191, 7.1581

■ 231.9280,
-31.0235, 10.5871

■ 239.7480,
-11.2148, 3.7290

■ 227.9040,
-41.3647, 14.1162

■ 243.7720, -0.8736,
0.2000

■ 223.9940,
-51.2690, 17.5453

■ 246.4280, 4.2260,
-2.1294

■ 219.9700,
-61.6102, 21.0743

■ 247.6020, 3.6472,
-3.1590

■ 216.0600,
-71.5146, 24.5034

■ 248.7760, 3.0684,
-4.1886

■ 212.7370,
-81.7083, 27.4177

■ 249.3630, 2.7790,
-4.7034

■ 208.7130,
-92.0495, 30.9467

■ 250.5370, 2.2003,
-5.7329

■ 205.0310,
-101.0803, 34.1758

■ 251.7110, 1.6215,
-6.7625

Harmonies

Analogous

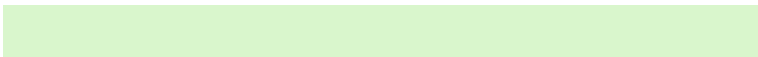
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



234.5450, -19.9887, 17.9390



235.8380, -21.1191, 7.1581



232.5410, -14.0707, -13.6295

Triad

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



235.8380, -21.1191, 7.1581



228.4550, 13.0867, -44.2490



235.7600, 7.5133, 16.8735

Complementary

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



235.8380, -21.1191, 7.1581



201.1620, 21.1191, -7.1581

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.



239.1510, 7.8136, 13.8996



235.8380, -21.1191, 7.1581



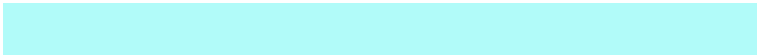
231.2010, 11.7329, -29.9943

Square

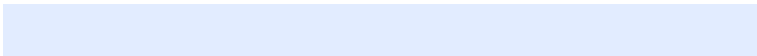
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



235.8380, -21.1191, 7.1581



228.6460, 10.0345, -45.2935



235.1760, 9.7732, -8.0474



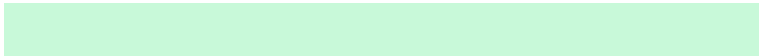
232.4370, -2.6804, 19.7878

Rectangle

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



235.8380, -21.1191, 7.1581



230.7010, -6.7546, -26.9248



235.1760, 9.7732, -8.0474



236.8030, 8.9711, 15.9588

Sweetspot

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



235.8380, -21.1191, 7.1581



252.7030, -6.2626, 2.0145



208.7050, -5.7706, 30.9537



126.3870, -3.6418, 1.4146



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

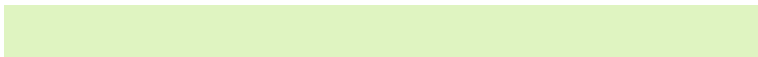
The Same Dimension uses a secret algorithm to generate beautiful new colors.



235.8380, -21.1191, 7.1581



244.7690, -26.5081, 8.9726



231.9070, -19.1812, -7.8114



120.0450, -4.9522, 1.7145



156.5780, -77.1930, 25.8031



49.3390, -24.3241, 8.4727

Inverse Universe

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



201.1620, 21.1191, -7.1581



201.2310, 26.5081, -8.9726



205.0930, 19.1812, 7.8114



111.9550, 4.9522, -1.7145



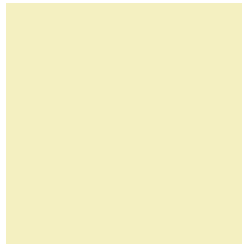
30.0090, 76.9036, -26.3179



9.6610, 24.3241, -8.4727

Previews

White Background



This preview shows how the YUV color 235.8380, -21.1191, 7.1581 looks on a white background.

Color Contrast Check

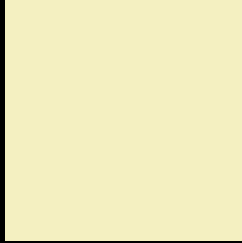
Large Text (above 18pt) WCAG AA × Fail

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 235.8380, -21.1191, 7.1581 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

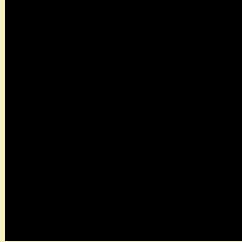
Any Text WCAG AA ✓ Pass

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 235.8380, -21.1191, 7.1581 Background



This preview shows how black text looks on a background with the YUV color 235.8380, -21.1191, 7.1581.



This preview shows how white text looks on a background with the YUV color 235.8380, -21.1191, 7.1581.

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

235.8380, -21.1191, 7.1581

Protanopia

236.3550, -21.8670, 13.7207

Deuteranopia

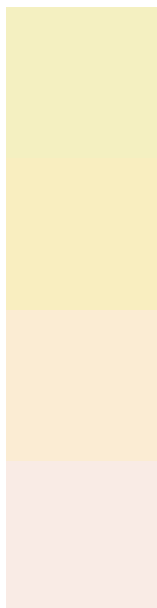
238.7970, -8.7739, 14.2100



Tritanopia

240.0320, 4.9142, 10.4959

Trichromacy



Original Color

235.8380, -21.1191, 7.1581

Protanomaly

236.0450, -21.7142, 11.3615

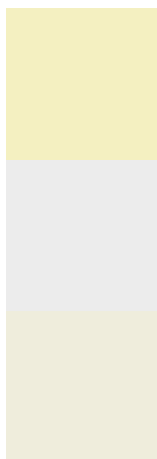
Deuteranomaly

237.6350, -13.1311, 11.7211

Tritanomaly

238.5020, -4.6845, 9.2067

Monochromacy



Original Color

235.8380, -21.1191, 7.1581

Achromatopsia

236.0000, 0.0000, 0.0000

Achromatomaly

235.6600, -7.7204, 2.9292

CSS Examples

Text

The CSS property to change the color of the text to YUV 235.8380, -21.1191, 7.1581 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, 240, 193)` looks like.

```
.text, #text, p{  
    color:rgb(244, 240, 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(244, 240, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 240, 193) }
```

Border

The CSS property to change the border of an element to YUV 235.8380, -21.1191, 7.1581 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, 240, 193) }
```


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

```
.border{ border-color:rgb(244, 240, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 240, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 240, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 240, 193);  
box-shadow:4px 4px 4px 4px rgb(244, 240,  
193) }
```

Background

The CSS property to change the background color of an element to YUV 235.8380, -21.1191, 7.1581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 240, 193) }
```

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

```
.background{ background-color: rgb(244,  
240, 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](#).

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