

Converting Colors

YUV(235.6270, -24.4661,
7.3431)

Have a look what the booklet for
YUV(235.6270, -24.4661, 7.3431)
contains.

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Color

**YUV(235.6270, -24.4661,
7.3431)**

Conversions

Conversions Part 1

Format	Color
Hex	F4F1BA
RGB	244, 241, 186
RGB Percent	96%, 95%, 73%
CMY	0.0431, 0.0549, 0.2706
CMYK	0.00, 0.01, 0.24, 0.04
HSL	57°, 73%, 84%
HSV	57°, 24%, 96%
XYZ	77.6265, 85.6889, 58.9026
YIQ	235.6270, 19.4430, -16.4690

Conversions

Conversions Part 2

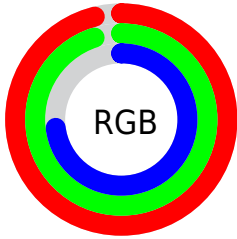
Format	Color
RYB	189, 244, 186
Decimal	16052666
CIELab	94.18, -7.54, 27.00
CIELCh	94, 28.035, 105.603
Yxy	85.6889, 0.3493, 0.3856
Android (android.graphics.Color)	4294242746 (0xFFFF4F1BA)
YUV	235.6270, -24.4661, 7.3431
Hunter-Lab	92.5683, -12.3069, 27.0707

Details

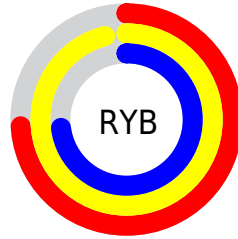
The YUV color $235.6270, -24.4661, 7.3431$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $194.3730, 24.4661, -7.3431$, and the grayscale version is $236.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.5180, -5.6784, 1.2997$, and $179.6700, -23.0083, 6.4284$ is the 20% darker color. If you saturate the color by 10%, you get $232.3040, -34.6599, 10.2574$, and if you desaturate by 10%, it is $238.9500, -14.2723, 4.4289$.

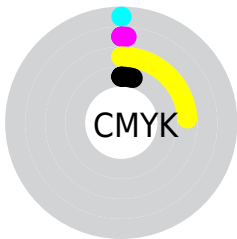
Distribution



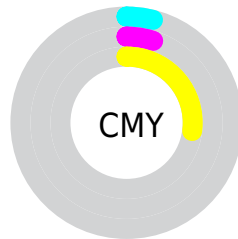
- Red (96%)
- Green (95%)
- Blue (73%)



- Red (74%)
- Yellow (96%)
- Blue (73%)



- Cyan (0%)
- Magenta (1%)
- Yellow (24%)
- Black (4%)



- Cyan (4%)
- Magenta (5%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 235.6270, -24.4661, 7.3431 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 235.6270, -24.4661, 7.3431 by changing the saturation by 10% instead.

■ 235.6270,
-24.4661, 7.3431

■ 235.6270,
-24.4661, 7.3431

255.0000, 0.0000,
0.0000

■ 207.4420,
-23.8819, 6.6284

■ 253.5180, -5.6784,
1.2997

■ 179.6700,
-23.0083, 6.4284

■ 152.7840,
-22.5715, 6.3284

■ 126.5990,
-21.9873, 5.6137

■ 101.5280,
-20.9663, 4.7989

■ 77.3430, -20.3821,
4.0842

■ 54.1580, -19.7979,

3.3694

■ 33.3690, -16.4509,
3.1844

■ 11.7620, -5.7987,
-6.8073

■ 235.6270,
-24.4661, 7.3431

■ 235.6270,
-24.4661, 7.3431

■ 232.3040,
-34.6599, 10.2574

■ 238.9500,
-14.2723, 4.4289

■ 228.2800,
-45.0010, 13.7864

■ 242.9740, -3.9312,
0.8998

■ 224.9570,
-55.1948, 16.7007

■ 245.8410, 4.5154,
-1.6146

■ 221.5200,
-65.8254, 19.7150

■ 246.4280, 4.2260,
-2.1294

■ 218.1970,
-76.0191, 22.6292

■ 247.0150, 3.9366,
-2.6442

■ 214.2870,
-85.9235, 26.0583

■ 248.1890, 3.3578,
-3.6738

■ 210.8500,
-96.5540, 29.0726

■ 248.7760, 3.0684,
-4.1886

■ 208.5530,
-102.8166, 31.0870

■ 249.3630, 2.7790,
-4.7034

■ 249.9500, 2.4897,
-5.2181

Harmonies

Analogous

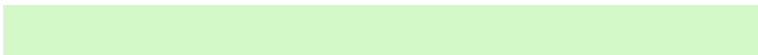
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



233.6330, -23.4831, 18.7389



235.6270, -24.4661, 7.3431



232.0630, -15.8071, -16.7183

Triad

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



235.6270, -24.4661, 7.3431



226.0410, 14.2768, -52.6560



234.1130, 8.8183, 18.3179

Complementary

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



235.6270, -24.4661, 7.3431



194.3730, 24.4661, -7.3431

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.



238.5640, 8.1029, 14.4144



235.6270, -24.4661, 7.3431



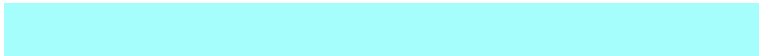
229.6950, 12.4754, -34.8125

Square

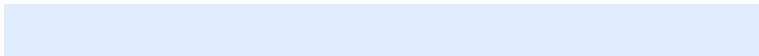
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



235.6270, -24.4661, 7.3431



227.1610, 12.2456, -54.5152



234.8770, 9.9206, -8.6621



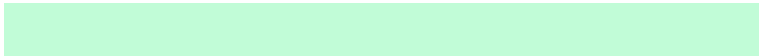
230.4480, -2.6859, 21.5321

Rectangle

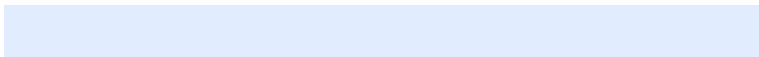
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



235.6270, -24.4661, 7.3431



230.1410, -7.4645, -32.5727



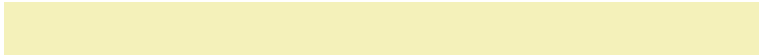
234.8770, 9.9206, -8.6621



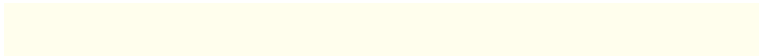
235.6290, 9.5499, 16.9884

Sweetspot

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



235.6270, -24.4661, 7.3431



252.3610, -7.5730, 2.3144



203.7980, -6.8024, 35.2572



126.1590, -4.5154, 1.6146



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

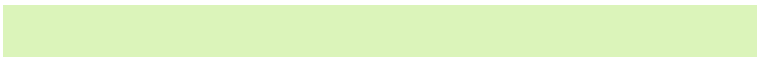
The Same Dimension uses a secret algorithm to generate beautiful new colors.



235.6270, -24.4661, 7.3431



244.2160, -31.1655, 9.4576



229.9130, -21.6491, -9.5707



120.6320, -5.2416, 1.1997



159.5130, -78.6399, 23.2291



50.5130, -24.9029, 7.4431

Inverse Universe

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



194.3730, 24.4661, -7.3431



191.7840, 31.1655, -9.4576



200.0870, 21.6491, 9.5707



111.9550, 4.9522, -1.7145



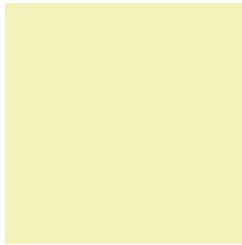
27.0740, 78.3505, -23.7439



8.4870, 24.9029, -7.4431

Previews

White Background



This preview shows how the YUV color 235.6270, -24.4661, 7.3431 looks on a white background.

Color Contrast Check

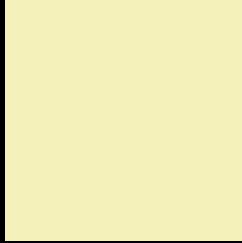
Large Text (above 18pt) WCAG AA × Fail

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 235.6270, -24.4661, 7.3431 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

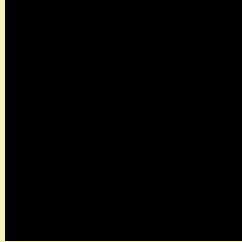
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

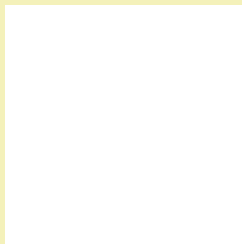
Any Text WCAG AAA ✓ Pass

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

YUV 235.6270, -24.4661, 7.3431 Background



This preview shows how black text looks on a background with the YUV color 235.6270, -24.4661, 7.3431.



This preview shows how white text looks on a background with the YUV color 235.6270, -24.4661, 7.3431.

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

235.6270, -24.4661, 7.3431

Protanopia

236.7420, -25.5088, 15.1353

Deuteranopia

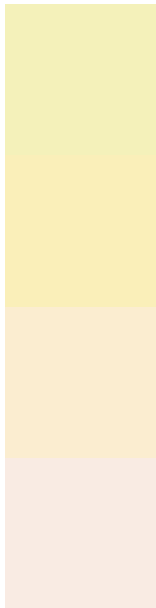
238.6830, -9.2107, 14.3100



Tritanopia

240.1460, 5.3510, 10.3960

Trichromacy



Original Color

235.6270, -24.4661, 7.3431

Protanomaly

236.1330, -25.2086, 12.1614

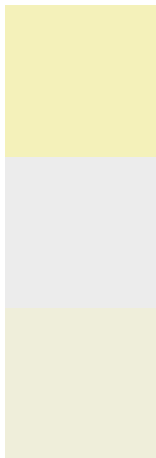
Deuteranomaly

237.8800, -14.7308, 11.5062

Tritanomaly

238.2740, -5.5581, 9.4067

Monochromacy



Original Color

235.6270, -24.4661, 7.3431

Achromatopsia

236.0000, 0.0000, 0.0000

Achromatomaly

236.0190, -8.8834, 2.6143

CSS Examples

Text

The CSS property to change the color of the text to YUV 235.6270, -24.4661, 7.3431 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, 241, 186)` looks like.

```
.text, #text, p{  
    color:rgb(244, 241, 186)  
}
```

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, 241, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 241, 186) }
```

Border

The CSS property to change the border of an element to YUV 235.6270, -24.4661, 7.3431 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, 241, 186) }
```


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

```
.border{ border-color:rgb(244, 241, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 241, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 241, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 241, 186);  
box-shadow:4px 4px 4px 4px rgb(244, 241,  
186) }
```

Background

The CSS property to change the background color of an element to YUV 235.6270, -24.4661, 7.3431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 241, 186) }
```

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

```
.background{ background-color: rgb(244,  
241, 186) }
```

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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