

Converting Colors

YUV(235.6700, -23.0083,
6.4284)

Have a look what the booklet for
YUV(235.6700, -23.0083, 6.4284)
contains.

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Color

**YUV(235.6700, -23.0083,
6.4284)**

Conversions

Conversions Part 1

Format	Color
Hex	F3F1BD
RGB	243, 241, 189
RGB Percent	95%, 95%, 74%
CMY	0.0471, 0.0549, 0.2588
CMYK	0.00, 0.01, 0.22, 0.05
HSL	58°, 69%, 85%
HSV	58°, 22%, 95%
XYZ	77.6028, 85.6394, 60.5841
YIQ	235.6700, 17.8840, -15.7480

Conversions

Conversions Part 2

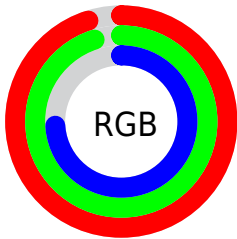
Format	Color
RYB	191, 243, 189
Decimal	15987133
CIELab	94.16, -7.50, 25.43
CIELCh	94, 26.511, 106.426
Yxy	85.6394, 0.3467, 0.3826
Android (android.graphics.Color)	4294177213 (0xFFFF3F1BD)
YUV	235.6700, -23.0083, 6.4284
Hunter-Lab	92.5416, -12.2626, 25.9638

Details

The YUV color $235.6700, -23.0083, 6.4284$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $196.3300, 23.0083, -6.4284$, and the grayscale version is $236.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.8600, -4.3680, 0.9998$, and $179.5990, -21.9873, 5.6137$ is the 20% darker color. If you saturate the color by 10%, you get $232.3470, -33.2021, 9.3427$, and if you desaturate by 10%, it is $238.9930, -12.8145, 3.5141$.

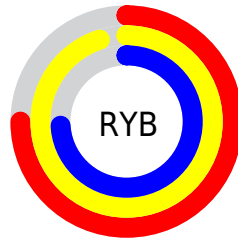
Distribution



Red (95%)

Green (95%)

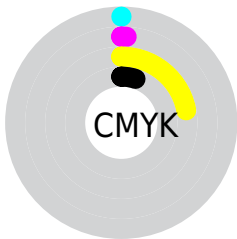
Blue (74%)



Red (75%)

Yellow (95%)

Blue (74%)

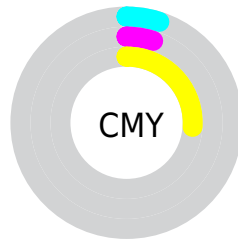


Cyan (0%)

Magenta (1%)

Yellow (22%)

Black (5%)



Cyan (5%)

Magenta (5%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 235.6700, -23.0083, 6.4284 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 235.6700, -23.0083, 6.4284 by changing the saturation by 10% instead.

■ 235.6700,
-23.0083, 6.4284

■ 235.6700,
-23.0083, 6.4284

■ 255.0000, 0.0000,
0.0000

■ 207.4850,
-22.4241, 5.7137

■ 253.8600, -4.3680,
0.9998

■ 179.5990,
-21.9873, 5.6137

■ 152.8270,
-21.1137, 5.4137

■ 126.9410,
-20.6769, 5.3137

■ 101.7560,
-20.0927, 4.5990

■ 77.6850, -19.0717,
3.7843

■ 54.5000, -18.4875,

3.0695

■ 33.3690, -16.4509,
3.1844

■ 11.7620, -5.7987,
-6.8073

■ 235.6700,
-23.0083, 6.4284

■ 235.6700,
-23.0083, 6.4284

■ 232.3470,
-33.2021, 9.3427

■ 238.9930,
-12.8145, 3.5141

■ 228.9100,
-43.8326, 12.3569

■ 242.4300, -2.1840,
0.4999

■ 225.5870,
-54.0264, 15.2712

■ 244.9550, 4.9522,
-1.7145

■ 222.2640,
-64.2202, 18.1855

■ 245.5420, 4.6628,
-2.2293

■ 218.9410,
-74.4139, 21.0997

■ 246.1290, 4.3734,
-2.7441

■ 216.0910,
-85.3339, 23.5992

■ 246.7160, 4.0840,
-3.2589

■ 212.7680,
-95.5276, 26.5135

■ 247.3030, 3.7946,
-3.7737

■ 210.0150,
-103.5374, 28.9278

■ 247.8900, 3.5052,
-4.2885

Harmonies

Analogous

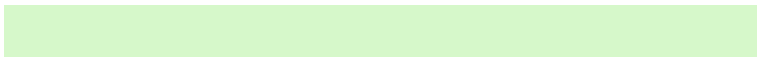
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



234.5620, -22.4621, 17.9241



235.6700, -23.0083, 6.4284



232.5900, -15.0809, -16.3034

Triad

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



235.6700, -23.0083, 6.4284



226.9490, 13.8291, -49.0673



234.5860, 8.0921, 17.9031

Complementary

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



235.6700, -23.0083, 6.4284



196.3300, 23.0083, -6.4284

Split Complementary

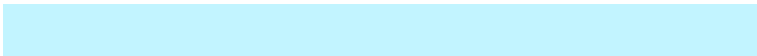
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



238.5640, 8.1029, 14.4144



235.6700, -23.0083, 6.4284



230.3040, 12.1751, -31.8386

Square

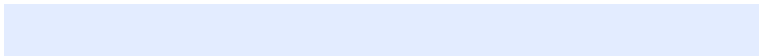
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



235.6700, -23.0083, 6.4284



227.7700, 11.9454, -51.5413



235.4750, 9.6258, -7.4326



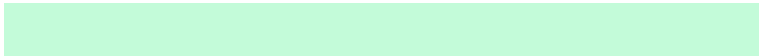
231.0350, -2.9753, 21.0173

Rectangle

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



235.6700, -23.0083, 6.4284



230.3800, -6.5963, -31.0283



235.4750, 9.6258, -7.4326



236.2160, 9.2605, 16.4736

Sweetspot

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



235.6700, -23.0083, 6.4284



252.3610, -7.5730, 2.3144



205.4880, -6.6496, 32.8980



126.1590, -4.5154, 1.6146



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

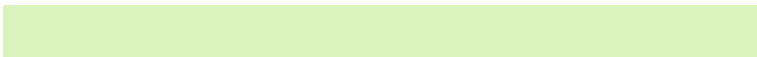
The Same Dimension uses a secret algorithm to generate beautiful new colors.



235.6700, -23.0083, 6.4284



245.3730, -29.2709, 8.4429



229.6680, -20.0493, -9.3558



120.6320, -5.2416, 1.1997



160.6870, -79.2187, 22.1995



50.5130, -24.9029, 7.4431

Inverse Universe

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



196.3300, 23.0083, -6.4284



195.6270, 29.2709, -8.4429



202.3320, 20.0493, 9.3558



111.9550, 4.9522, -1.7145



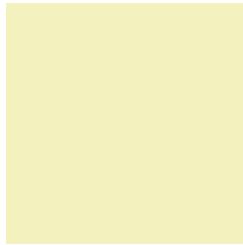
25.3130, 79.2187, -22.1995



7.9000, 25.1923, -6.9283

Previews

White Background



This preview shows how the YUV color 235.6700, -23.0083, 6.4284 looks on a white background.

Color Contrast Check

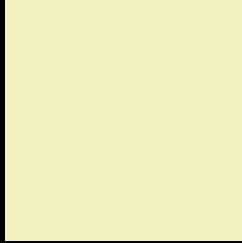
Large Text (above 18pt) WCAG AA × Fail

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 235.6700, -23.0083, 6.4284 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

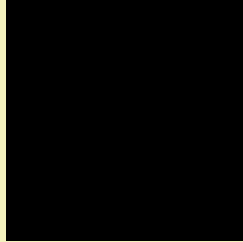
Any Text WCAG AA ✓ Pass

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 235.6700, -23.0083, 6.4284 Background



This preview shows how black text looks on a background with the YUV color 235.6700, -23.0083, 6.4284.



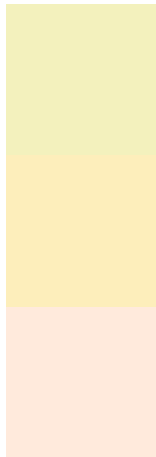
This preview shows how white text looks on a background with the YUV color 235.6700, -23.0083, 6.4284.

6.4284.

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

235.6700, -23.0083, 6.4284

Protanopia

236.6710, -24.4878, 14.3205

Deuteranopia

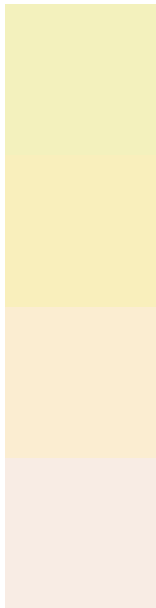
238.6830, -9.2107, 14.3100



Tritanopia

240.4340, 5.2090, 9.2664

Trichromacy



Original Color

235.6700, -23.0083, 6.4284

Protanomaly

236.1760, -23.7508, 11.2466

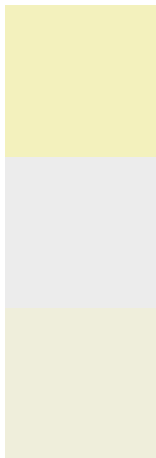
Deuteranomaly

237.9940, -14.2940, 11.4063

Tritanomaly

238.6760, -5.2633, 8.1771

Monochromacy



Original Color

235.6700, -23.0083, 6.4284

Achromatopsia

236.0000, 0.0000, 0.0000

Achromatomaly

236.1330, -8.4466, 2.5144

CSS Examples

Text

The CSS property to change the color of the text to YUV 235.6700, -23.0083, 6.4284 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(243, 241, 189)` looks like.

```
.text, #text, p{  
    color:rgb(243, 241, 189)  
}
```

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(243, 241, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 241, 189) }
```

Border

The CSS property to change the border of an element to YUV 235.6700, -23.0083, 6.4284 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(243, 241, 189) }
```


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

```
.border{ border-color:rgb(243, 241, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 241, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 241, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 241, 189);  
box-shadow:4px 4px 4px 4px rgb(243, 241,  
189) }
```

Background

The CSS property to change the background color of an element to YUV 235.6700, -23.0083, 6.4284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 241, 189) }
```

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

```
.background{ background-color: rgb(243,  
241, 189) }
```

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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