

Converting Colors

YUV(235.2850, -25.7765,
7.6431)

Have a look what the booklet for
YUV(235.2850, -25.7765, 7.6431)
contains.

YUV(235.2850, -25.7765, 7.6431)	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(235.2850, -25.7765,
7.6431)**

Conversions

Conversions Part 1

Format	Color
Hex	F4F1B7
RGB	244, 241, 183
RGB Percent	96%, 95%, 72%
CMY	0.0431, 0.0549, 0.2824
CMYK	0.00, 0.01, 0.25, 0.04
HSL	57°, 73%, 84%
HSV	57°, 25%, 96%
XYZ	77.3108, 85.5626, 57.2403
YIQ	235.2850, 20.4060, -17.4020

Conversions

Conversions Part 2

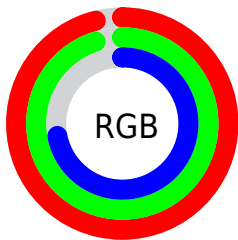
Format	Color
R_{YB}	186, 244, 183
Decimal	16052663
CIE _{Lab}	94.13, -7.94, 28.46
CIE _{LCh}	94, 29.543, 105.594
Yxy	85.5626, 0.3512, 0.3887
Android (android.graphics.Color)	4294242743 (0xFFFF4F1B7)
YUV	235.2850, -25.7765, 7.6431
Hunter-Lab	92.5000, -12.6863, 28.0606

Details

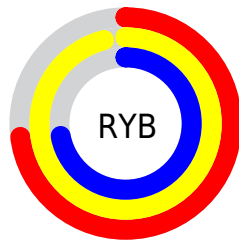
The YUV color $235.2850, -25.7765, 7.6431$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $191.7150, 25.7765, -7.6431$, and the grayscale version is $236.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.1760, -6.9888, 1.5996$, and $179.3280, -24.3187, 6.7283$ is the 20% darker color. If you saturate the color by 10%, you get $231.9620, -35.9703, 10.5573$, and if you desaturate by 10%, it is $238.6080, -15.5827, 4.7288$.

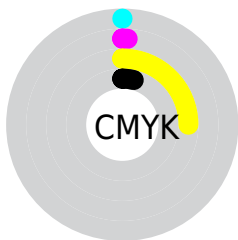
Distribution



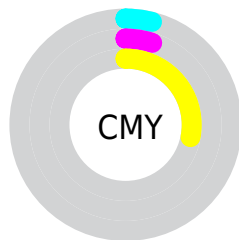
- Red (96%)
- Green (95%)
- Blue (72%)



- Red (73%)
- Yellow (96%)
- Blue (72%)



- Cyan (0%)
- Magenta (1%)
- Yellow (25%)
- Black (4%)



- Cyan (4%)
- Magenta (5%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YUV color 235.2850, -25.7765, 7.6431 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 235.2850, -25.7765, 7.6431 by changing the saturation by 10% instead.

■ 235.2850,
-25.7765, 7.6431

■ 235.2850,
-25.7765, 7.6431

255.0000, 0.0000,
0.0000

■ 207.1000,
-25.1923, 6.9283

■ 253.1760, -6.9888,
1.5996

■ 179.3280,
-24.3187, 6.7283

■ 152.4420,
-23.8819, 6.6284

■ 126.3710,
-22.8609, 5.8136

■ 101.1860,
-22.2767, 5.0989

■ 77.0010, -21.6925,
4.3841

■ 53.7020, -21.5451,

3.7693

■ 33.0700, -16.3035,
2.5696

■ 11.4630, -5.6513,
-7.4221

■ 235.2850,
-25.7765, 7.6431

■ 235.2850,
-25.7765, 7.6431

■ 231.9620,
-35.9703, 10.5573

■ 238.6080,
-15.5827, 4.7288

■ 228.5250,
-46.6008, 13.5716

■ 242.0450, -4.9522,
1.7145

■ 224.6150,
-56.5052, 17.0006

■ 245.8410, 4.5154,
-1.6146

■ 221.1780,
-67.1358, 20.0149

■ 246.4280, 4.2260,
-2.1294

■ 217.8550,
-77.3295, 22.9292

■ 247.0150, 3.9366,
-2.6442

■ 214.5320,
-87.5233, 25.8434

■ 247.6020, 3.6472,
-3.1590

■ 211.0950,
-98.1538, 28.8577

■ 248.1890, 3.3578,
-3.6738

■ 209.1400,
-103.1060, 30.5722

■ 249.3630, 2.7790,
-4.7034

■ 249.9500, 2.4897,
-5.2181

Harmonies

Analogous

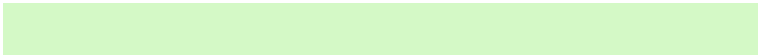
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



233.2910, -24.7935, 19.0388



235.2850, -25.7765, 7.6431



232.1230, -16.8226, -17.6479

Triad

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



235.2850, -25.7765, 7.6431



224.2470, 15.1612, -56.3446



233.6400, 9.5445, 18.7327

Complementary

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



235.2850, -25.7765, 7.6431



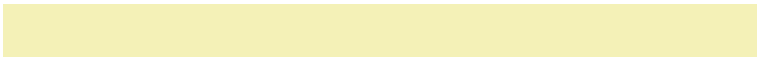
191.7150, 25.7765, -7.6431

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.



237.9770, 8.3923, 14.9292



235.2850, -25.7765, 7.6431



228.4990, 13.0650, -37.2716

Square

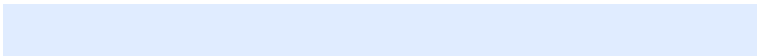
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



235.2850, -25.7765, 7.6431



225.3670, 13.1301, -58.2039



234.5780, 10.0680, -9.2769



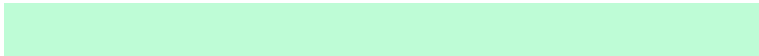
229.7470, -2.8333, 22.1469

Rectangle

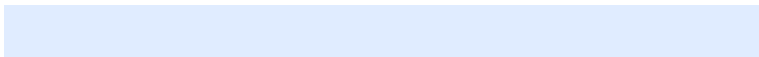
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



235.2850, -25.7765, 7.6431



229.1300, -7.4591, -34.3170



234.5780, 10.0680, -9.2769



235.0420, 9.8393, 17.5032

Sweetspot

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



235.2850, -25.7765, 7.6431



252.1330, -8.4466, 2.5144



201.5810, -7.6814, 37.2015



125.9310, -5.3890, 1.8145



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

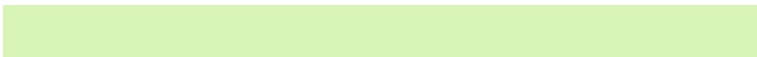
The Same Dimension uses a secret algorithm to generate beautiful new colors.



235.2850, -25.7765, 7.6431



243.9880, -32.0391, 9.6575



228.9730, -22.6647, -10.5003



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.



191.7150, 25.7765, -7.6431



189.4250, 32.3285, -9.1427



198.0270, 22.6647, 10.5003



111.9550, 4.9522, -1.7145



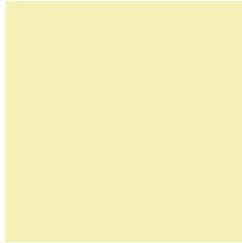
26.4870, 78.6399, -23.2291



8.4870, 24.9029, -7.4431

Previews

White Background



This preview shows how the YUV color 235.2850, -25.7765, 7.6431 looks on a white background.

Color Contrast Check

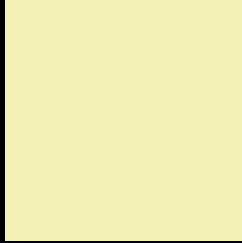
Large Text (above 18pt) WCAG AA × Fail

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 235.2850, -25.7765, 7.6431 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

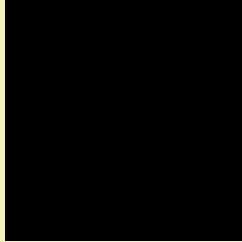
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

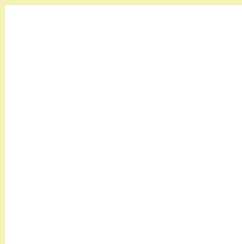
Any Text WCAG AAA ✓ Pass

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

YUV 235.2850, -25.7765, 7.6431 Background



This preview shows how black text looks on a background with the YUV color 235.2850, -25.7765, 7.6431.

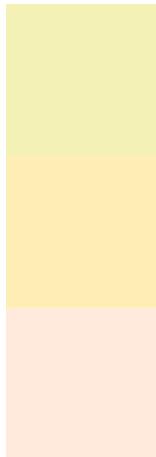


This preview shows how white text looks on a background with the YUV color 235.2850, -25.7765, 7.6431.

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

235.2850, -25.7765, 7.6431

Protanopia

236.2860, -27.2560, 15.5352

Deuteranopia

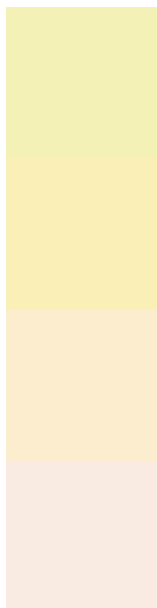
238.5690, -9.6475, 14.4100



Tritanopia

240.3310, 4.7668, 11.1107

Trichromacy



Original Color

235.2850, -25.7765, 7.6431

Protanomaly

235.7910, -26.5190, 12.4613

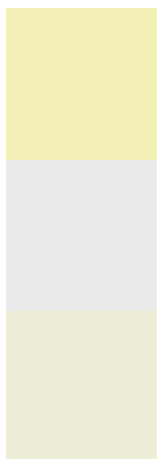
Deuteranomaly

237.6520, -15.6044, 11.7062

Tritanomaly

238.4590, -6.1423, 10.1215

Monochromacy



Original Color

235.2850, -25.7765, 7.6431

Achromatopsia

235.0000, 0.0000, 0.0000

Achromatomaly

234.9050, -9.3202, 2.7143

CSS Examples

Text

The CSS property to change the color of the text to YUV 235.2850, -25.7765, 7.6431 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, 183)` looks like.

```
.text, #text, p{  
    color:rgb(244, 241, 183)  
}
```

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, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 241, 183) }
```

Border

The CSS property to change the border of an element to YUV 235.2850, -25.7765, 7.6431 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, 183) }
```


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

```
.border{ border-color:rgb(244, 241, 183) }
```

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, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 241, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 241, 183);  
box-shadow:4px 4px 4px 4px rgb(244, 241,  
183) }
```

Background

The CSS property to change the background color of an element to YUV 235.2850, -25.7765, 7.6431 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, 183) }
```

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

```
.background{ background-color: rgb(244,  
241, 183) }
```

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