

Converting Colors

YUV(231.5220, -35.2603,
16.2052)

Have a look what the booklet for
YUV(231.5220, -35.2603, 16.2052)
contains.

YUV(231.5220, -35.2603, 16.2052)	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(231.5220, -35.2603,
16.2052)**

Conversions

Conversions Part 1

Format	Color
Hex	FAECA0
RGB	250, 236, 160
RGB Percent	98%, 93%, 63%
CMY	0.0196, 0.0745, 0.3725
CMYK	0.00, 0.06, 0.36, 0.02
HSL	51°, 90%, 80%
HSV	51°, 36%, 98%
XYZ	75.7650, 82.8530, 45.2567
YIQ	231.5220, 32.7400, -20.6680

Conversions

Conversions Part 2

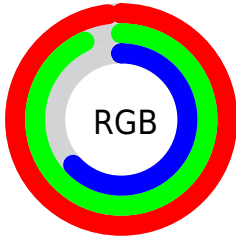
Format	Color
RYB	177, 250, 160
Decimal	16444576
CIELab	92.95, -6.01, 38.59
CIELCh	93, 39.052, 98.851
Yxy	82.8530, 0.3716, 0.4064
Android (android.graphics.Color)	4294634656 (0xFFFAECA0)
YUV	231.5220, -35.2603, 16.2052
Hunter-Lab	91.0236, -10.7140, 34.2377

Details

The YUV color $231.5220, -35.2603, 16.2052$ is a light color, and the websafe version is hex $FFFF99$. A complement of this color would be $178.4780, 35.2603, -16.2052$, and the grayscale version is $232.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $250.4400, -17.4719, 3.9991$, and $175.2660, -33.6551, 14.6757$ is the 20% darker color. If you saturate the color by 10%, you get $226.3240, -45.0227, 20.7639$, and if you desaturate by 10%, it is $236.7200, -25.4980, 11.6466$.

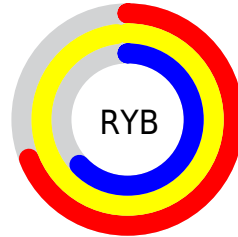
Distribution



Red (98%)

Green (93%)

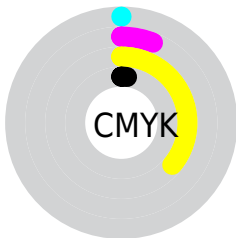
Blue (63%)



Red (69%)

Yellow (98%)

Blue (63%)

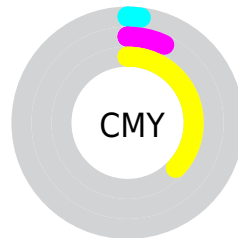


Cyan (0%)

Magenta (6%)

Yellow (36%)

Black (2%)



Cyan (2%)

Magenta (7%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 231.5220, -35.2603, 16.2052 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 231.5220, -35.2603, 16.2052 by changing the saturation by 10% instead.

231.5220,
-35.2603, 16.2052

231.5220,
-35.2603, 16.2052

255.0000, 0.0000,
0.0000

203.3370,
-34.6761, 15.4905

250.4400,
-17.4719, 3.9991

175.2660,
-33.6551, 14.6757

253.7460, -4.8048,
1.0998

148.7820,
-32.9235, 13.3462

122.7110,
-31.9025, 12.5315

97.5260, -31.3183,
11.8167

72.5860, -32.3339,
10.8871

51.1110, -25.1977,

8.6727

■ 31.3090, -15.4353,
4.1140

■ 8.5170, -4.1989,
-6.5924

■ 231.5220,
-35.2603, 16.2052

■ 231.5220,
-35.2603, 16.2052

■ 226.3240,
-45.0227, 20.7639

■ 236.7200,
-25.4980, 11.6466

■ 221.1260,
-54.7851, 25.3225

■ 241.9180,
-15.7356, 7.0879

■ 215.9280,
-64.5475, 29.8811

■ 247.1160, -5.9732,
2.5293

■ 210.7300,
-74.3099, 34.4398

■ 251.7440, 1.6052,
-1.5295

■ 206.1190,
-84.3617, 38.4836

■ 253.5050, 0.7370,
-3.0739

■ 200.9210,
-94.1241, 43.0423

■ 198.6070,
-97.9133, 45.0717

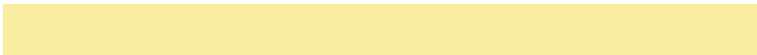
Harmonies

Analogous

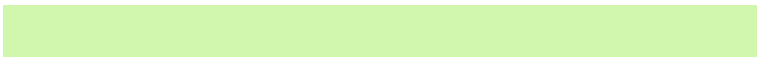
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



225.9560, -30.0513, 25.4716



231.5220, -35.2603, 16.2052



227.4300, -25.8480, -16.1631

Triad

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



231.5220, -35.2603, 16.2052



211.3680, 21.5106, -86.2687



228.5850, 13.0226, 23.1660

Complementary

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



231.5220, -35.2603, 16.2052



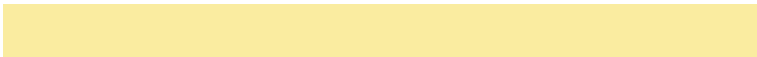
178.4780, 35.2603, -16.2052

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.



234.7430, 9.9867, 16.8884



231.5220, -35.2603, 16.2052



217.4250, 18.5245, -61.7627

Square

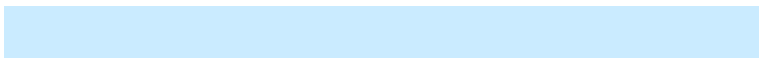
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



231.5220, -35.2603, 16.2052



214.9900, 14.7949, -78.9212



227.4130, 13.6004, -22.2872



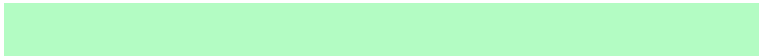
223.4040, 0.7868, 27.7097

Rectangle

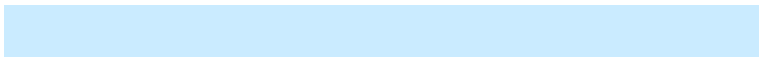
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



231.5220, -35.2603, 16.2052



223.6750, -14.1368, -39.1800



227.4130, 13.6004, -22.2872



230.3460, 12.1544, 21.6216

Sweetspot

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



231.5220, -35.2603, 16.2052



249.4600, -11.0728, 4.8586



188.6200, -6.7147, 53.8303



124.3010, -6.5574, 3.2440



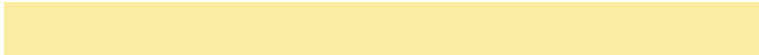
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

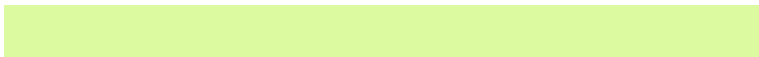
The Same Dimension uses a secret algorithm to generate beautiful new colors.



231.5220, -35.2603, 16.2052



232.4810, -43.1281, 19.7492



230.7700, -34.8896, -9.4453



122.3440, -5.0996, 2.3293



149.8440, -73.8731, 34.3398



48.7630, -24.0402, 10.7318

Inverse Universe

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



178.4780, 35.2603, -16.2052



167.5190, 43.1281, -19.7492



179.2300, 34.8896, 9.4453



114.6560, 5.0996, -2.3293



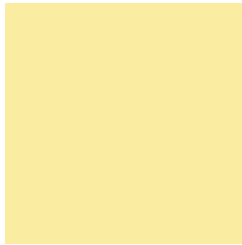
38.5690, 74.1625, -33.8250



12.8240, 23.7508, -11.2466

Previews

White Background



This preview shows how the YUV color 231.5220, -35.2603, 16.2052 looks on a white background.

Color Contrast Check

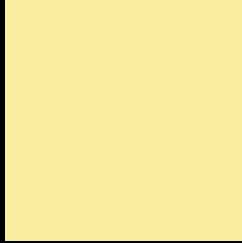
Large Text (above 18pt) WCAG AA × Fail

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 231.5220, -35.2603, 16.2052 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 231.5220, -35.2603, 16.2052

Background



This preview shows how black text looks on a background with the YUV color 231.5220, -35.2603, 16.2052.



This preview shows how white text looks on a background with the YUV color 231.5220, -35.2603, 16.2052.

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

231.5220, -35.2603, 16.2052

Protanopia

232.0170, -35.9974, 19.2791

Deuteranopia

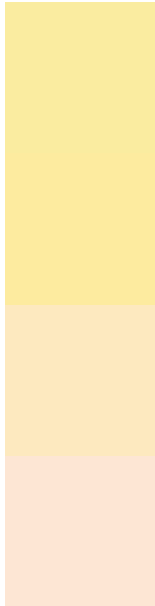
235.5540, -13.5841, 17.0541



Tritanopia

237.0820, 2.4246, 15.7141

Trichromacy



Original Color

231.5220, -35.2603, 16.2052

Protanomaly

231.7180, -35.8500, 18.6643

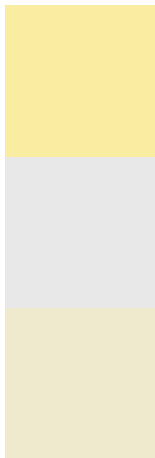
Deuteranomaly

234.1920, -21.2937, 16.4946

Tritanomaly

234.8250, -11.2527, 15.9395

Monochromacy



Original Color

231.5220, -35.2603, 16.2052

Achromatopsia

232.0000, 0.0000, 0.0000

Achromatomaly

231.7160, -12.6780, 6.3881

CSS Examples

Text

The CSS property to change the color of the text to YUV 231.5220, -35.2603, 16.2052 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(250, 236, 160)` looks like.

```
.text, #text, p{  
    color:rgb(250, 236, 160)  
}
```

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(250, 236, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 236, 160) }
```

Border

The CSS property to change the border of an element to YUV 231.5220, -35.2603, 16.2052 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(250, 236, 160) }
```


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

```
.border{ border-color:rgb(250, 236, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 236, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 236, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 236, 160);  
box-shadow:4px 4px 4px 4px rgb(250, 236,  
160) }
```

Background

The CSS property to change the background color of an element to YUV 231.5220, -35.2603, 16.2052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 236, 160) }
```

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

```
.background{ background-color: rgb(250,  
236, 160) }
```

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