

Converting Colors

YUV(236.3680, -11.5204,
8.4473)

Have a look what the booklet for
YUV(236.3680, -11.5204, 8.4473)
contains.

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Color

**YUV(236.3680, -11.5204,
8.4473)**

Conversions

Conversions Part 1

Format	Color
Hex	F6ECD5
RGB	246, 236, 213
RGB Percent	96%, 93%, 84%
CMY	0.0353, 0.0745, 0.1647
CMYK	0.00, 0.04, 0.13, 0.04
HSL	42°, 65%, 90%
HSV	42°, 13%, 96%
XYZ	80.0117, 84.3878, 75.0222
YIQ	236.3680, 13.3430, -5.0330

Conversions

Conversions Part 2

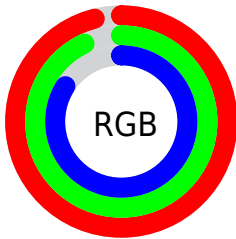
Format	Color
R _Y B	227, 246, 213
Decimal	16182485
CIE Lab	93.62, -0.39, 12.35
CIE LCh	94, 12.357, 91.790
Yxy	84.3878, 0.3342, 0.3525
Android (android.graphics.Color)	4294372565 (0xFFF6ECD5)
YUV	236.3680, -11.5204, 8.4473
Hunter-Lab	91.8628, -5.2881, 15.8833

Details

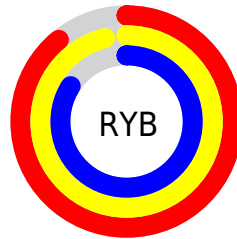
The YUV color $236.3680, -11.5204, 8.4473$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $222.6320, 11.5204, -8.4473$, and the grayscale version is $236.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $180.4820, -11.0836, 8.3473$ is the 20% darker color. If you saturate the color by 10%, you get $229.4090, -20.4146, 14.5503$, and if you desaturate by 10%, it is $243.3270, -2.6262, 2.3442$.

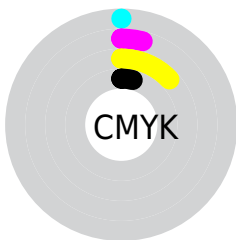
Distribution



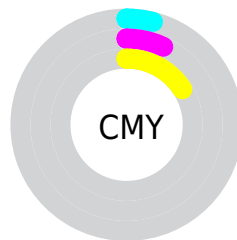
- Red (96%)
- Green (93%)
- Blue (84%)



- Red (89%)
- Yellow (96%)
- Blue (84%)



- Cyan (0%)
- Magenta (4%)
- Yellow (13%)
- Black (4%)



- Cyan (4%)
- Magenta (7%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 236.3680, -11.5204, 8.4473 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 236.3680, -11.5204, 8.4473 by changing the saturation by 10% instead.

■ 236.3680,
-11.5204, 8.4473

■ 236.3680,
-11.5204, 8.4473

255.0000, 0.0000,
0.0000

■ 208.0690,
-11.3730, 7.8325

■ 180.4820,
-11.0836, 8.3473

■ 153.2970,
-10.4994, 7.6325

■ 127.9980,
-10.3520, 7.0178

■ 102.8130, -9.7678,
6.3030

■ 78.9270, -9.3310,
6.2030

■ 55.7420, -8.7468,

5.4883

■ 33.8560, -8.3100,
5.3883

■ 13.0130, -6.4154,
4.3736

■ 236.3680,
-11.5204, 8.4473

■ 236.3680,
-11.5204, 8.4473

■ 229.4090,
-20.4146, 14.5503

■ 243.3270, -2.6262,
2.3442

■ 221.9770,
-28.5827, 21.0682

■ 249.9610, 2.4842,
-3.4738

■ 215.0180,
-37.4769, 27.1712

■ 252.3090, 1.3267,
-5.5330

■ 207.5860,
-45.6449, 33.6891

■ 200.6270,
-54.5391, 39.7921

■ 193.0810,
-63.1439, 46.4100

■ 186.2360,
-71.6013, 52.4130

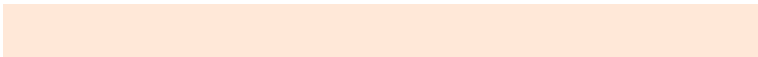
■ 178.6900,
-80.2062, 59.0309

■ 173.9310,
-85.7480, 63.2045

Harmonies

Analogous

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



237.0530, -10.3791, 15.7395



236.3680, -11.5204, 8.4473



234.8720, -9.3039, -2.5187

Triad

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



236.3680, -11.5204, 8.4473



232.9200, 7.9274, -22.7318



238.9290, 4.4720, 12.3403

Complementary

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



236.3680, -11.5204, 8.4473



222.6320, 11.5204, -8.4473

Split Complementary

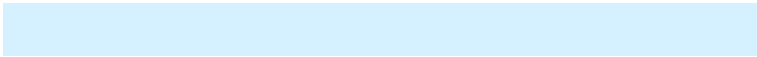
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



237.6010, 8.5777, 2.1039



236.3680, -11.5204, 8.4473



234.2240, 10.2426, -18.6134

Square

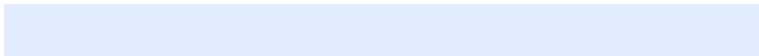
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



236.3680, -11.5204, 8.4473



233.0360, 1.9543, -20.2026



235.4640, 9.6312, -9.1769



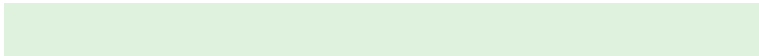
237.5720, -0.7750, 15.2844

Rectangle

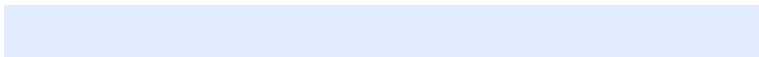
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



236.3680, -11.5204, 8.4473



234.0390, -5.9352, -9.6812



235.4640, 9.6312, -9.1769



238.7760, 6.5194, 8.9664

Sweetspot

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



236.3680, -11.5204, 8.4473



252.0990, -3.4998, 2.5442



224.0070, -0.4965, 19.2879



126.0280, -2.4788, 1.7294



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.



236.3680, -11.5204, 8.4473



243.2820, -14.4360, 10.2767



240.4440, -13.5299, -0.3894



118.8710, -4.3734, 2.7441



131.9240, -65.0385, 47.4247



41.7080, -20.5620, 15.1651

Inverse Universe

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



222.6320, 11.5204, -8.4473



226.3050, 14.1466, -10.7915



218.5560, 13.5299, 0.3894



113.7160, 4.0840, -3.2589



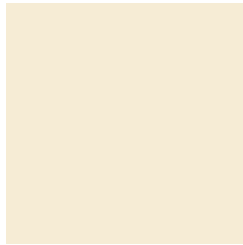
54.0760, 65.0385, -47.4247



17.2920, 20.5620, -15.1651

Previews

White Background



This preview shows how the YUV color 236.3680, -11.5204, 8.4473 looks on a white background.

Color Contrast Check

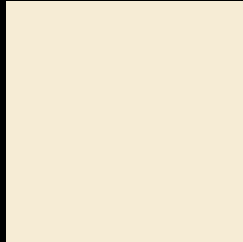
Large Text (above 18pt) WCAG AA × Fail

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 236.3680, -11.5204, 8.4473 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

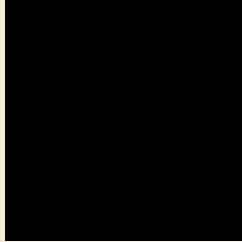
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 236.3680, -11.5204, 8.4473

Background



This preview shows how black text looks on a background with the YUV color 236.3680, -11.5204, 8.4473.



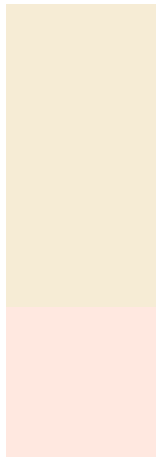
This preview shows how white text looks on a background with the YUV color 236.3680, -11.5204, 8.4473.

8.4473.

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

236.3680, -11.5204, 8.4473

Protanopia

236.3680, -11.5204, 8.4473

Deuteranopia

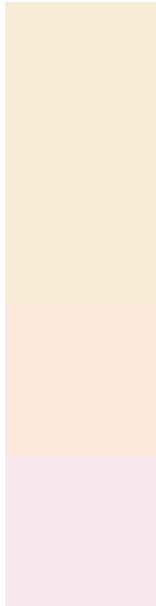
237.9650, -6.8847, 14.9397



Tritanopia

239.0320, 4.9142, 10.4959

Trichromacy



Original Color

236.3680, -11.5204, 8.4473

Protanomaly

236.3680, -11.5204, 8.4473

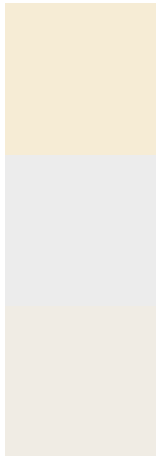
Deuteranomaly

237.1990, -8.4791, 12.9805

Tritanomaly

238.1260, -1.0481, 9.5365

Monochromacy



Original Color

236.3680, -11.5204, 8.4473

Achromatopsia

236.0000, 0.0000, 0.0000

Achromatomaly

236.2840, -4.0840, 3.2589

CSS Examples

Text

The CSS property to change the color of the text to YUV 236.3680, -11.5204, 8.4473 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(246, 236, 213)` looks like.

```
.text, #text, p{  
    color:rgb(246, 236, 213)  
}
```

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(246, 236, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 236, 213) }
```

Border

The CSS property to change the border of an element to YUV 236.3680, -11.5204, 8.4473 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(246, 236, 213) }
```


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

```
.border{ border-color:rgb(246, 236, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 236, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 236, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 236, 213);  
box-shadow:4px 4px 4px 4px rgb(246, 236,  
213) }
```

Background

The CSS property to change the background color of an element to YUV 236.3680, -11.5204, 8.4473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 236, 213) }
```

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

```
.background{ background-color: rgb(246,  
236, 213) }
```

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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