

Converting Colors

YUV(236.6490, -4.2640,
14.3398)

Have a look what the booklet for
YUV(236.6490, -4.2640, 14.3398)
contains.

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Color

**YUV(236.6490, -4.2640,
14.3398)**

Conversions

Conversions Part 1

Format	Color
Hex	FDE6E4
RGB	253, 230, 228
RGB Percent	99%, 90%, 89%
CMY	0.0078, 0.0980, 0.1059
CMYK	0.00, 0.09, 0.10, 0.01
HSL	5°, 86%, 94%
HSV	5°, 10%, 99%
XYZ	82.8084, 83.0777, 85.0699
YIQ	236.6490, 14.3500, 4.2540

Conversions

Conversions Part 2

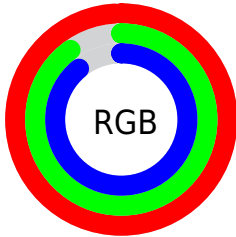
Format	Color
RYB	253, 230, 228
Decimal	16639716
CIELab	93.05, 7.51, 3.81
CIELCh	93, 8.421, 26.896
Yxy	83.0777, 0.3300, 0.3310
Android (android.graphics.Color)	4294829796 (0xFFFDE6E4)
YUV	236.6490, -4.2640, 14.3398
Hunter-Lab	91.1470, 2.6628, 8.4659

Details

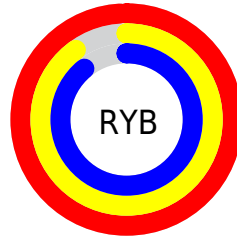
The YUV color $236.6490, -4.2640, 14.3398$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $244.3510, 4.2640, -14.3398$, and the grayscale version is $237.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $181.0510, -3.9691, 13.1103$ is the 20% darker color. If you saturate the color by 10%, you get $220.2980, -8.5279, 28.6797$, and if you desaturate by 10%, it is $253.0000, 0.0000, 0.0000$.

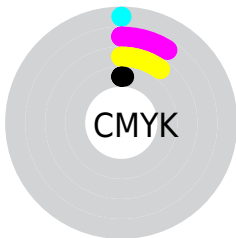
Distribution



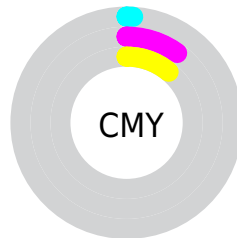
- Red (99%)
- Green (90%)
- Blue (89%)



- Red (99%)
- Yellow (90%)
- Blue (89%)



- Cyan (0%)
- Magenta (9%)
- Yellow (10%)
- Black (1%)




- Cyan (1%)
- Magenta (10%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 236.6490, -4.2640, 14.3398 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 236.6490, -4.2640, 14.3398 by changing the saturation by 10% instead.


 236.6490, -4.2640,
14.3398


 236.6490, -4.2640,
14.3398

255.0000, 0.0000,
0.0000


 208.3500, -4.1166,
13.7250

 181.0510, -3.9691,
13.1103

 154.0510, -3.9691,
13.1103

 127.7520, -3.8217,
12.4955

 102.8660, -3.3849,
12.3955

 78.5670, -3.2375,
11.7807

 55.9690, -2.9427,

10.5512

■ 34.3710, -2.6479,
9.3216

■ 11.2360, -4.5533,
13.8250

■ 236.6490, -4.2640,
14.3398

■ 236.6490, -4.2640,
14.3398

■ 220.2980, -8.5279,
28.6797

■ 253.0000, 0.0000,
0.0000

■ 203.2460,
-12.9393, 43.6343

■ 254.4020, 0.2948,
-1.2296

■ 186.8950,
-17.2032, 57.9741

■ 170.5440,
-21.4672, 72.3139

■ 154.1930,
-25.7311, 86.6537

■ 137.1410,
-30.1425, 101.6083

■ 120.7900,
-34.4065, 115.9482

■ 104.4390,
-38.6704, 130.2880

■ 87.9740, -43.3712,
144.7278

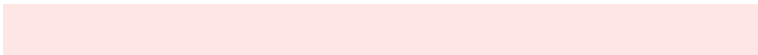
Harmonies

Analogous

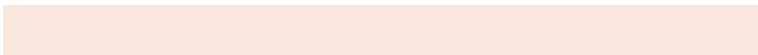
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



236.9630, -0.4748, 12.3104



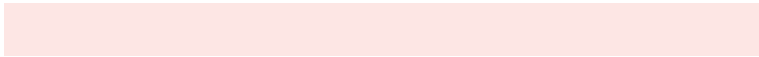
236.6490, -4.2640, 14.3398



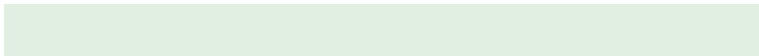
236.2420, -7.0213, 12.0658

Triad

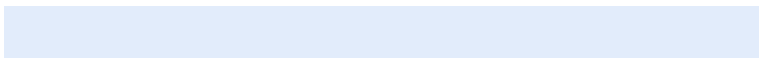
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



236.6490, -4.2640, 14.3398



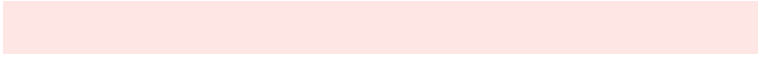
233.3320, -3.6147, -7.3072



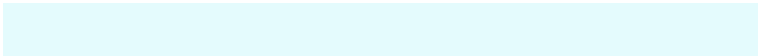
234.7200, 8.0260, -7.6474

Complementary

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



236.6490, -4.2640, 14.3398



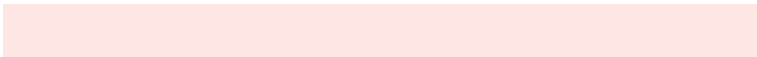
244.3510, 4.2640, -14.3398

Split Complementary

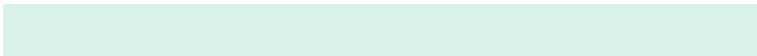
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



233.1600, 7.3161, -13.2953



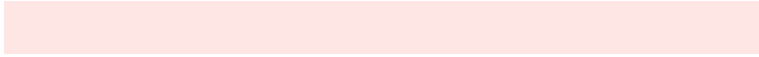
236.6490, -4.2640, 14.3398



232.7380, 0.6222, -12.9252

Square

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



236.6490, -4.2640, 14.3398



234.2790, -6.5465, -0.2447



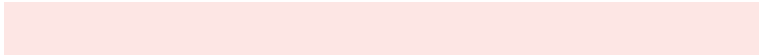
232.7530, 4.5588, -15.5694



235.7210, 6.5465, 0.2447

Rectangle

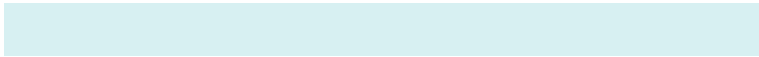
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



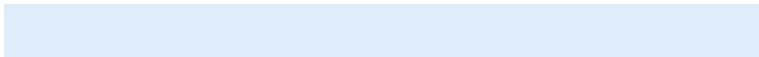
236.6490, -4.2640, 14.3398



235.2910, -8.0315, 9.3918



232.7530, 4.5588, -15.5694



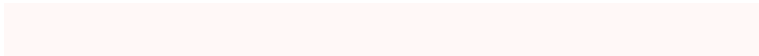
234.4100, 8.1789, -10.0066

Sweetspot

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



236.6490, -4.2640, 14.3398



249.9790, -1.4686, 4.4034



238.0970, 6.3612, 13.0699



124.3810, -1.1738, 3.1739



0.0000, 0.0000, 0.0000



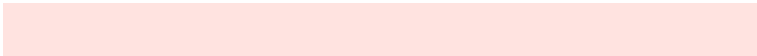
128.0000, 0.0000, 0.0000

Same Dimension

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



236.6490, -4.2640, 14.3398



235.0300, -5.4378, 17.5137



243.6930, -7.7366, 8.1622



119.4740, -2.2057, 7.4773



65.9140, -32.4956, 109.7004



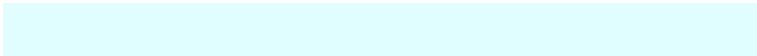
22.0710, -10.8810, 36.7717

Inverse Universe

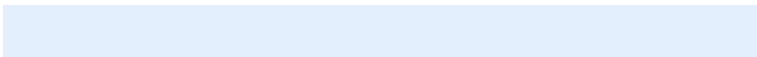
The Inverse Universe completely reimagines the original color for something new.



244.3510, 4.2640, -14.3398



244.5570, 5.1484, -18.0285



237.3070, 7.7366, -8.1622



122.9390, 2.4951, -6.9625



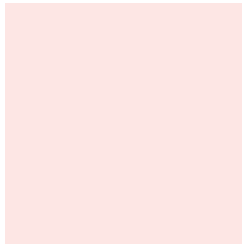
125.0860, 32.4956, -109.7004



41.9290, 10.8810, -36.7717

Previews

White Background



This preview shows how the YUV color 236.6490, -4.2640, 14.3398 looks on a white background.

Color Contrast Check

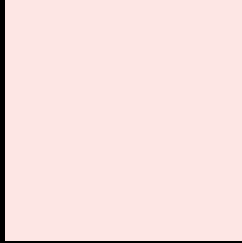
Large Text (above 18pt) WCAG AA × Fail

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 236.6490, -4.2640, 14.3398 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

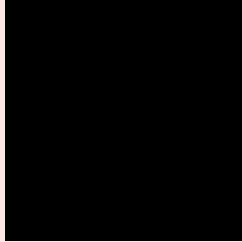
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

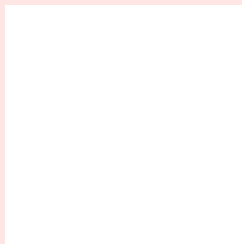
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 236.6490, -4.2640, 14.3398

Background



This preview shows how black text looks on a background with the YUV color 236.6490, -4.2640, 14.3398.



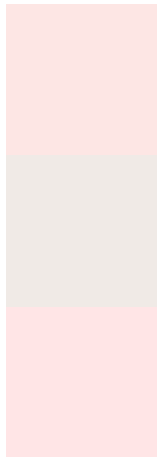
This preview shows how white text looks on a background with the YUV color 236.6490, -4.2640,

14.3398.

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

236.6490, -4.2640, 14.3398

Protanopia

235.3380, -2.6316, 4.0886

Deuteranopia

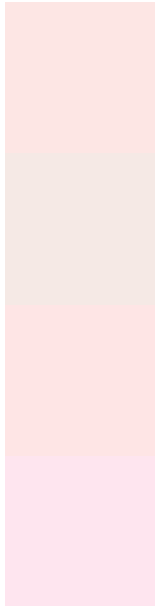
236.8880, -3.3958, 15.8842



Tritanopia

238.0110, 3.4456, 14.8994

Trichromacy



Original Color

236.6490, -4.2640, 14.3398

Protanomaly

236.1320, -3.5161, 7.7772

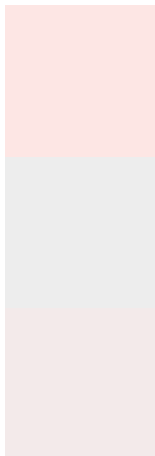
Deuteranomaly

236.4750, -3.6852, 15.3694

Tritanomaly

237.6150, 0.6828, 14.3696

Monochromacy



Original Color

236.6490, -4.2640, 14.3398

Achromatopsia

237.0000, 0.0000, 0.0000

Achromatomaly

236.6910, -1.3267, 5.5330

CSS Examples

Text

The CSS property to change the color of the text to YUV 236.6490, -4.2640, 14.3398 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(253, 230, 228)` looks like.

```
.text, #text, p{  
    color:rgb(253, 230, 228)  
}
```

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(253, 230, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 230, 228) }
```

Border

The CSS property to change the border of an element to YUV 236.6490, -4.2640, 14.3398 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(253, 230, 228) }
```


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

```
.border{ border-color:rgb(253, 230, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 230, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 230, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 230, 228);  
box-shadow:4px 4px 4px 4px rgb(253, 230,  
228) }
```

Background

The CSS property to change the background color of an element to YUV 236.6490, -4.2640, 14.3398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 230, 228) }
```

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

```
.background{ background-color: rgb(253,  
230, 228) }
```

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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