

Converting Colors

YUV(242.6640, -23.9914,
-4.9673)

Have a look what the booklet for
YUV(242.6640, -23.9914, -4.9673)
contains.

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Color

**YUV(242.6640, -23.9914,
-4.9673)**

Conversions

Conversions Part 1

Format	Color
Hex	EDFFC2
RGB	237, 255, 194
RGB Percent	93%, 100%, 76%
CMY	0.0706, 0.0000, 0.2392
CMYK	0.07, 0.00, 0.24, 0.00
HSL	78°, 100%, 88%
HSV	78°, 24%, 100%
XYZ	80.4227, 93.4196, 64.8320
YIQ	242.6640, 8.8530, -22.7870

Conversions

Conversions Part 2

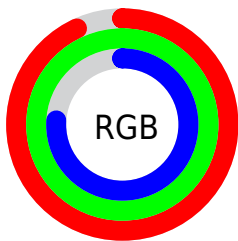
Format	Color
RYB	194, 255, 212
Decimal	15597506
CIELab	97.40, -15.87, 27.26
CIELCh	97, 31.539, 120.206
Yxy	93.4196, 0.3370, 0.3914
Android (android.graphics.Color)	4293787586 (0xFFEDFFC2)
YUV	242.6640, -23.9914, -4.9673
Hunter-Lab	96.6538, -20.6198, 27.8880

Details

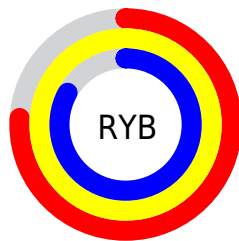
The YUV color $242.6640, -23.9914, -4.9673$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $206.3360, 23.9914, 4.9673$, and the grayscale version is $243.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $254.5440, -1.7472, 0.3999$, and $186.3050, -22.8284, -4.6525$ is the 20% darker color. If you saturate the color by 10%, you get $237.4220, -33.7320, -7.3861$, and if you desaturate by 10%, it is $247.9060, -14.2507, -2.5486$.

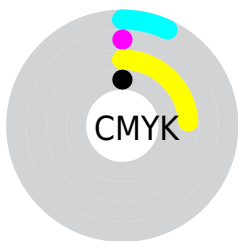
Distribution



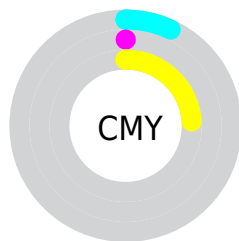
- Red (93%)
- Green (100%)
- Blue (76%)



- Red (76%)
- Yellow (100%)
- Blue (83%)



- Cyan (7%)
- Magenta (0%)
- Yellow (24%)
- Black (0%)



- Cyan (7%)
- Magenta (0%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 242.6640, -23.9914, -4.9673 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 242.6640, -23.9914, -4.9673 by changing the saturation by 10% instead.

242.6640,
-23.9914, -4.9673

242.6640,
-23.9914, -4.9673

255.0000, 0.0000,
0.0000

214.1910,
-23.2652, -4.5525

254.5440, -1.7472,
0.3999

186.3050,
-22.8284, -4.6525

159.4190,
-22.3916, -4.7525

132.6470,
-21.5180, -4.9524

107.7610,
-21.0812, -5.0524

82.9890, -20.2076,
-5.2524

59.2170, -19.3340,

-5.4523

■ 37.7440, -18.6078,
-5.0375

■ 16.4360, -8.1029,
-14.4144

■ 242.6640,
-23.9914, -4.9673

■ 242.6640,
-23.9914, -4.9673

■ 237.4220,
-33.7320, -7.3861

■ 247.9060,
-14.2507, -2.5486

■ 232.3650,
-44.0569, -9.0901

■ 252.9630, -3.9258,
-0.8446

■ 227.1230,
-53.7976, -11.5089

255.0000, 0.0000,
0.0000

■ 222.0660,
-64.1225, -13.2129

■ 216.7100,
-74.3000, -15.5317

■ 211.7670,
-84.1881, -17.3357

■ 206.5250,
-93.9288, -19.7544

■ 203.5050,
-100.3280, -20.6139

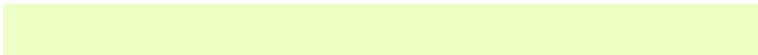
Harmonies

Analogous

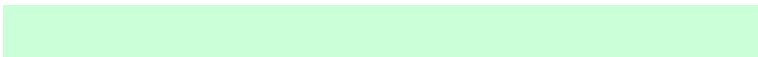
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



241.8510, -27.5345, 11.5317



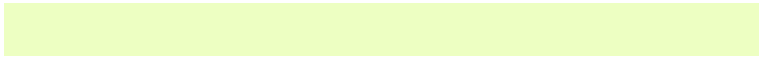
242.6640, -23.9914, -4.9673



234.7070, -9.2226, -28.6840

Triad

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



242.6640, -23.9914, -4.9673



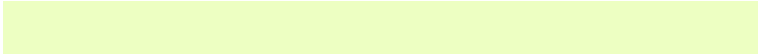
230.7810, 11.9400, -49.7969



236.5920, 5.6241, 16.1438

Complementary

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



242.6640, -23.9914, -4.9673



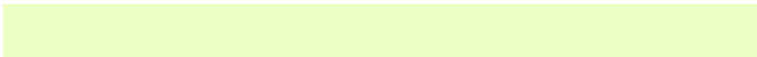
206.3360, 23.9914, 4.9673

Split Complementary

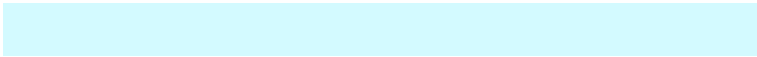
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



240.3250, 7.2348, 12.8700



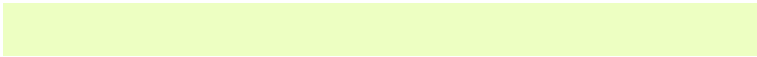
242.6640, -23.9914, -4.9673



238.9090, 7.9329, -24.4762

Square

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



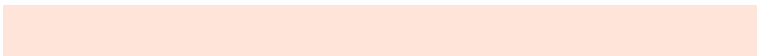
242.6640, -23.9914, -4.9673



226.2960, 14.1511, -59.0186



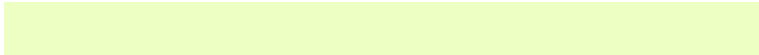
245.5970, 4.6357, 6.4924



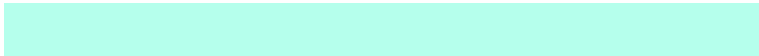
234.9330, -8.3480, 17.5988

Rectangle

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



242.6640, -23.9914, -4.9673



230.7080, 2.6090, -43.5939



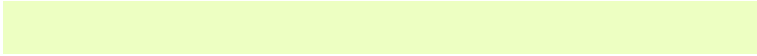
245.5970, 4.6357, 6.4924



237.9770, 8.3923, 14.9292

Sweetspot

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



242.6640, -23.9914, -4.9673



251.4530, -7.1253, -1.2743



222.2180, -13.9115, 28.7498



125.5500, -4.2151, -1.3593



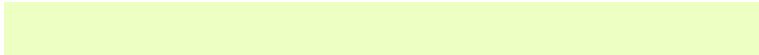
0.0000, 0.0000, 0.0000



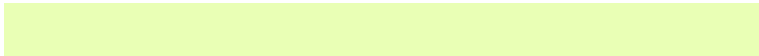
128.0000, 0.0000, 0.0000

Same Dimension

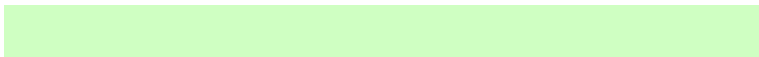
The Same Dimension uses a secret algorithm to generate beautiful new colors.



242.6640, -23.9914, -4.9673



239.9860, -29.0801, -6.1267



233.6940, -19.5691, -23.4106



125.3220, -5.0887, -1.1594



152.4820, -75.1736, -15.3317



51.0230, -25.1543, -5.2822

Inverse Universe

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



206.3360, 23.9914, 4.9673



196.0140, 29.0801, 6.1267



215.3060, 19.5691, 23.4106



117.6780, 5.0887, 1.1594



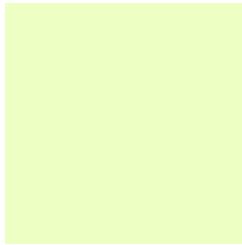
38.5180, 75.1736, 15.3317



12.9770, 25.1543, 5.2822

Previews

White Background



This preview shows how the YUV color 242.6640, -23.9914, -4.9673 looks on a white background.

Color Contrast Check

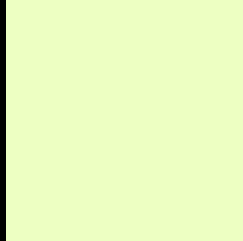
Large Text (above 18pt) WCAG AA × Fail

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 242.6640, -23.9914, -4.9673 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

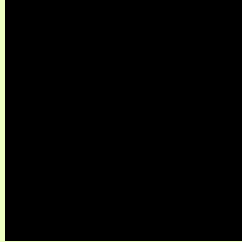
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

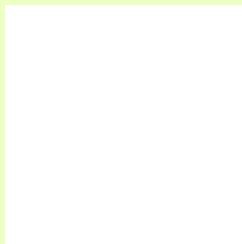
Any Text WCAG AAA ✓ Pass

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

YUV 242.6640, -23.9914, -4.9673 Background



This preview shows how black text looks on a background with the YUV color 242.6640, -23.9914, -4.9673.



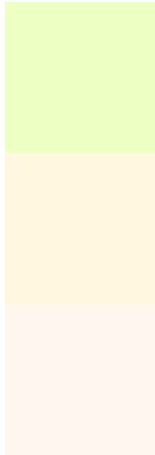
This preview shows how white text looks on a background with the YUV color 242.6640, -23.9914, -4.9673.

-4.9673.

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

242.6640, -23.9914, -4.9673

Protanopia

246.7700, -11.2256, 7.2177

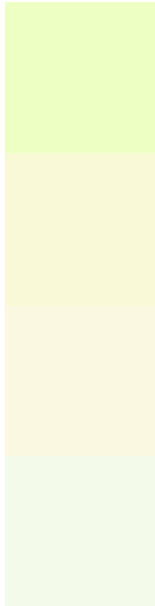
Deuteranopia

247.8930, -4.3842, 6.2328

Tritanopia

247.9120, 3.4944, -0.7998

Trichromacy



Original Color

242.6640, -23.9914, -4.9673

Protanomaly

245.1840, -15.8667, 2.4696

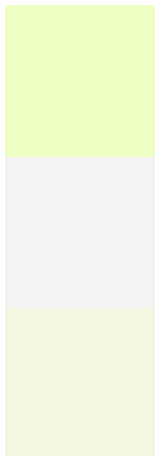
Deuteranomaly

245.7370, -11.2093, 1.9847

Tritanomaly

245.9690, -6.3937, -2.6038

Monochromacy



Original Color

242.6640, -23.9914, -4.9673

Achromatopsia

243.0000, 0.0000, 0.0000

Achromatomaly

242.6980, -8.7251, -1.4891

CSS Examples

Text

The CSS property to change the color of the text to YUV 242.6640, -23.9914, -4.9673 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(237, 255, 194)` looks like.

```
.text, #text, p{  
    color:rgb(237, 255, 194)  
}
```

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(237, 255, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 255, 194) }
```

Border

The CSS property to change the border of an element to YUV 242.6640, -23.9914, -4.9673 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(237, 255, 194) }
```


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

```
.border{ border-color:rgb(237, 255, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 255, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 255, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 255, 194);  
box-shadow:4px 4px 4px 4px rgb(237, 255,  
194) }
```

Background

The CSS property to change the background color of an element to YUV 242.6640, -23.9914, -4.9673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 255, 194) }
```

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

```
.background{ background-color: rgb(237,  
255, 194) }
```

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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