

Converting Colors

YUV(234.5370, -14.5617,
3.9141)

Have a look what the booklet for
YUV(234.5370, -14.5617, 3.9141)
contains.

YUV(234.5370, -14.5617, 3.9141)	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(234.5370, -14.5617,
3.9141)**

Conversions

Conversions Part 1

Format	Color
Hex	EFEECD
RGB	239, 238, 205
RGB Percent	94%, 93%, 80%
CMY	0.0627, 0.0667, 0.1961
CMYK	0.00, 0.00, 0.14, 0.06
HSL	58°, 52%, 87%
HSV	58°, 14%, 94%
XYZ	77.1906, 83.9076, 69.8850
YIQ	234.5370, 11.1890, -10.0510

Conversions

Conversions Part 2

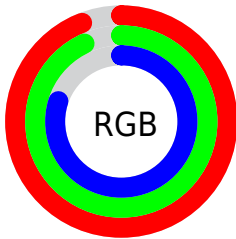
Format	Color
R _Y B	206, 239, 205
Decimal	15724237
CIE Lab	93.41, -5.10, 16.12
CIE LCh	93, 16.908, 107.567
Yxy	83.9076, 0.3342, 0.3633
Android (android.graphics.Color)	4293914317 (0xFFEFEECD)
YUV	234.5370, -14.5617, 3.9141
Hunter-Lab	91.6011, -9.8831, 18.8868

Details

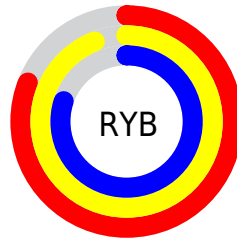
The YUV color $234.5370, -14.5617, 3.9141$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $209.4630, 14.5617, -3.9141$, and the grayscale version is $235.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $178.7650, -13.6881, 3.7141$ is the 20% darker color. If you saturate the color by 10%, you get $231.2140, -24.7555, 6.8283$, and if you desaturate by 10%, it is $237.8600, -4.3680, 0.9998$.

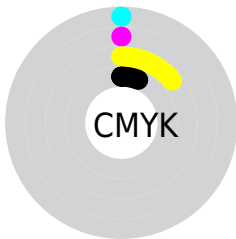
Distribution



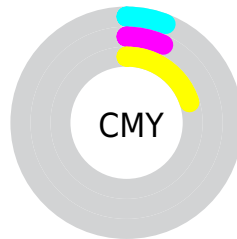
- Red (94%)
- Green (93%)
- Blue (80%)



- Red (81%)
- Yellow (94%)
- Blue (80%)



- Cyan (0%)
- Magenta (0%)
- Yellow (14%)
- Black (6%)



- Cyan (6%)
- Magenta (7%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 234.5370, -14.5617, 3.9141 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 234.5370, -14.5617, 3.9141 by changing the saturation by 10% instead.

■ 234.5370,
-14.5617, 3.9141

■ 234.5370,
-14.5617, 3.9141

255.0000, 0.0000,
0.0000

■ 206.5370,
-14.5617, 3.9141

■ 178.7650,
-13.6881, 3.7141

■ 151.8790,
-13.2513, 3.6141

■ 125.9930,
-12.8145, 3.5141

■ 100.8080,
-12.2303, 2.7994

■ 76.9220, -11.7935,
2.6994

■ 54.0360, -11.3567,

2.5994

■ 32.6230, -11.6461,
2.0846

■ 10.5990, -5.2253,
-4.0333

■ 234.5370,
-14.5617, 3.9141

■ 234.5370,
-14.5617, 3.9141

■ 231.2140,
-24.7555, 6.8283

■ 237.8600, -4.3680,
0.9998

■ 228.4780,
-35.2387, 9.2278

■ 240.5960, 6.1152,
-1.3997

■ 225.1550,
-45.4324, 12.1421

■ 241.4110, 6.6994,
-2.1144

■ 221.8320,
-55.6262, 15.0563

■ 241.9980, 6.4100,
-2.6292

■ 218.6230,
-65.3831, 17.8706

■ 242.5850, 6.1206,
-3.1440

■ 215.8870,
-75.8663, 20.2701

■ 243.1720, 5.8312,
-3.6588

■ 212.5640,
-86.0601, 23.1844

■ 243.7590, 5.5418,
-4.1736

■ 209.2410,
-96.2538, 26.0986

■ 207.6450,
-102.3690, 27.4983

Harmonies

Analogous

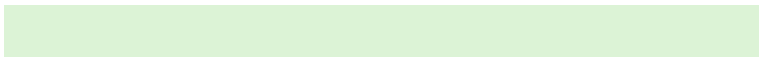
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



236.3860, -15.4733, 16.3245



234.5370, -14.5617, 3.9141



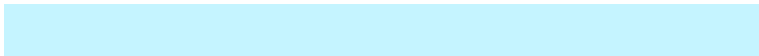
232.8170, -9.2768, -11.2405

Triad

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



234.5370, -14.5617, 3.9141



231.2010, 11.7329, -29.9943



236.7230, 3.5876, 16.0289

Complementary

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



234.5370, -14.5617, 3.9141



209.4630, 14.5617, -3.9141

Split Complementary

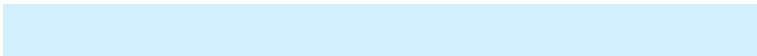
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



238.5420, 8.1138, 10.9257



234.5370, -14.5617, 3.9141



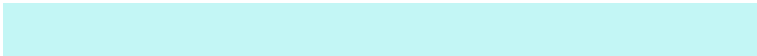
233.0390, 10.8268, -19.3282

Square

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



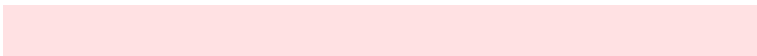
234.5370, -14.5617, 3.9141



230.6370, 7.0810, -31.2536



235.4970, 9.6150, -3.9439



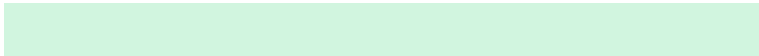
234.1980, -3.5486, 18.2434

Rectangle

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



234.5370, -14.5617, 3.9141



231.7280, -4.3029, -19.9325



235.4970, 9.6150, -3.9439



237.2930, 5.7716, 15.5290

Sweetspot

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



234.5370, -14.5617, 3.9141



253.8600, -4.3680, 0.9998



215.2800, -4.5750, 20.8024



126.6150, -2.7682, 1.2146



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.



234.5370, -14.5617, 3.9141



249.5110, -18.4929, 4.8139



230.3400, -12.4926, -6.4372



118.0450, -4.9522, 1.7145



159.5020, -78.6345, 21.4847



48.4420, -23.8819, 6.6284

Inverse Universe

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



209.4630, 14.5617, -3.9141



217.4890, 18.4929, -4.8139



213.6600, 12.4926, 6.4372



109.3680, 5.2416, -1.1997



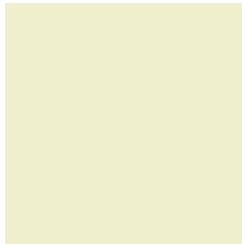
23.9110, 78.9239, -20.9699



7.5580, 23.8819, -6.6284

Previews

White Background



This preview shows how the YUV color 234.5370, -14.5617, 3.9141 looks on a white background.

Color Contrast Check

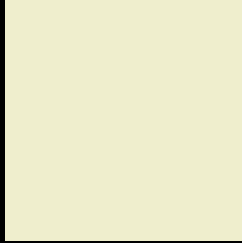
Large Text (above 18pt) WCAG AA × Fail

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 234.5370, -14.5617, 3.9141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

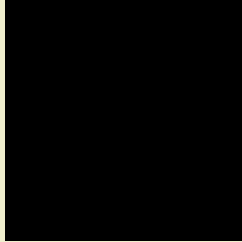
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

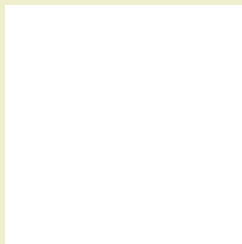
Any Text WCAG AAA ✓ Pass

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

YUV 234.5370, -14.5617, 3.9141 Background



This preview shows how black text looks on a background with the YUV color 234.5370, -14.5617, 3.9141.



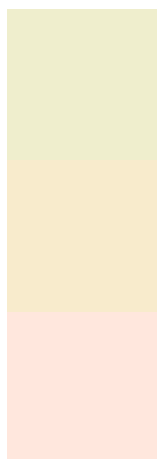
This preview shows how white text looks on a background with the YUV color 234.5370, -14.5617, 3.9141.

3.9141.

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

234.5370, -14.5617, 3.9141

Protanopia

235.3530, -15.4570, 11.0914

Deuteranopia

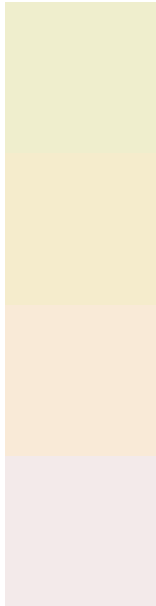
237.0360, -7.9057, 15.7544



Tritanopia

237.9390, 5.9461, 6.1925

Trichromacy



Original Color

234.5370, -14.5617, 3.9141

Protanomaly

235.0430, -15.3042, 8.7323

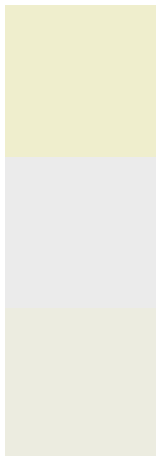
Deuteranomaly

236.3190, -10.5103, 11.1212

Tritanomaly

236.6910, -1.3267, 5.5330

Monochromacy



Original Color

234.5370, -14.5617, 3.9141

Achromatopsia

235.0000, 0.0000, 0.0000

Achromatomaly

234.6320, -5.2416, 1.1997

CSS Examples

Text

The CSS property to change the color of the text to YUV 234.5370, -14.5617, 3.9141 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(239, 238, 205)` looks like.

```
.text, #text, p{  
    color:rgb(239, 238, 205)  
}
```

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(239, 238, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 238, 205) }
```

Border

The CSS property to change the border of an element to YUV 234.5370, -14.5617, 3.9141 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(239, 238, 205) }
```


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

```
.border{ border-color:rgb(239, 238, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 238, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(239, 238, 205); -webkit-box-shadow:4px 4px 4px 4px rgb(239, 238, 205); box-shadow:4px 4px 4px 4px rgb(239, 238, 205) }
```

Background

The CSS property to change the background color of an element to YUV 234.5370, -14.5617, 3.9141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 238, 205) }
```

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

```
.background{ background-color: rgb(239,  
238, 205) }
```

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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