

Converting Colors

YUV(221.5010, -40.1800,
7.4536)

Have a look what the booklet for
YUV(221.5010, -40.1800, 7.4536)
contains.

YUV(221.5010, -40.1800, 7.4536)	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(221.5010, -40.1800,
7.4536)**

Conversions

Conversions Part 1

Format	Color
Hex	E6E98C
RGB	230, 233, 140
RGB Percent	90%, 91%, 55%
CMY	0.0980, 0.0863, 0.4510
CMYK	0.01, 0.00, 0.40, 0.09
HSL	62°, 68%, 73%
HSV	62°, 40%, 91%
XYZ	66.5057, 76.9943, 36.1671
YIQ	221.5010, 28.0650, -29.5590

Conversions

Conversions Part 2

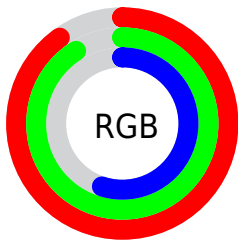
Format	Color
R _Y B	140, 233, 143
Decimal	15133068
CIE Lab	90.32, -14.38, 44.80
CIE LCh	90, 47.050, 107.796
Yxy	76.9943, 0.3702, 0.4285
Android (android.graphics.Color)	4293323148 (0xFFE6E98C)
YUV	221.5010, -40.1800, 7.4536
Hunter-Lab	87.7464, -18.2656, 36.9844

Details

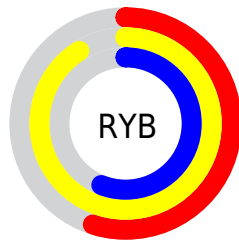
The YUV color $221.5010, -40.1800, 7.4536$ is a light color, and the websafe version is hex $FFFF99$. A complement of this color would be $151.4990, 40.1800, -7.4536$, and the grayscale version is $222.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $248.1600, -26.2079, 5.9987$, and $165.6580, -38.2854, 6.4389$ is the 20% darker color. If you saturate the color by 10%, you get $218.5800, -50.0789, 9.1383$, and if you desaturate by 10%, it is $224.4220, -30.2810, 5.7689$.

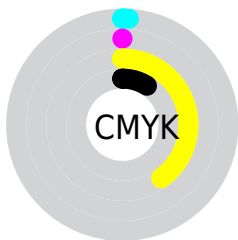
Distribution



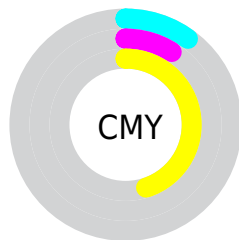
- Red (90%)
- Green (91%)
- Blue (55%)



- Red (55%)
- Yellow (91%)
- Blue (56%)



- Cyan (1%)
- Magenta (0%)
- Yellow (40%)
- Black (9%)



- Cyan (10%)
- Magenta (9%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 221.5010, -40.1800, 7.4536 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 221.5010, -40.1800, 7.4536 by changing the saturation by 10% instead.

■ 221.5010,
-40.1800, 7.4536

■ 221.5010,
-40.1800, 7.4536

■ 255.0000, 0.0000,
0.0000

■ 193.4300,
-39.1590, 6.6389

■ 248.1600,
-26.2079, 5.9987

■ 165.6580,
-38.2854, 6.4389

■ 251.3520,
-13.9775, 3.1993

■ 139.1740,
-37.5538, 5.1094

■ 254.6580, -1.3104,
0.2999

■ 113.1740,
-37.5538, 5.1094

■ 87.1200, -39.0062,
4.2798

■ 64.6450, -31.8700,
2.0653

■ 44.2560, -21.8182,

-1.9785

■ 24.1660, -11.9138,
-5.4076

■ 1.1740, -0.5788,
-1.0296

■ 221.5010,
-40.1800, 7.4536

■ 221.5010,
-40.1800, 7.4536

■ 218.5800,
-50.0789, 9.1383

■ 224.4220,
-30.2810, 5.7689

■ 215.5450,
-60.4147, 10.9230

■ 227.4570,
-19.9453, 3.9842

■ 212.9230,
-70.4610, 13.2225

■ 230.0790, -9.8989,
1.6847

■ 210.0020,
-80.3600, 14.9072

■ 233.0000, 0.0000,
0.0000

■ 207.0810,
-90.2589, 16.5920

■ 235.8070, 9.4621,
-1.5847

■ 204.0460,
-100.5947, 18.3767

■ 236.1060, 9.3147,
-0.9700

■ 236.4050, 9.1673,
-0.3552

■ 236.7040, 9.0199,
0.2596

Harmonies

Analogous

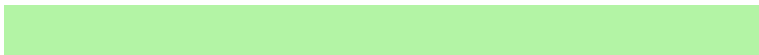
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



220.0570, -39.9611, 30.6450



221.5010, -40.1800, 7.4536



215.5590, -24.9256, -32.0622

Triad

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



221.5010, -40.1800, 7.4536



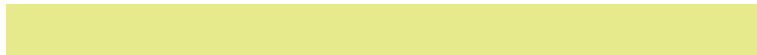
187.2150, 33.4180, -125.5996



218.3950, 14.5953, 32.1026

Complementary

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



221.5010, -40.1800, 7.4536



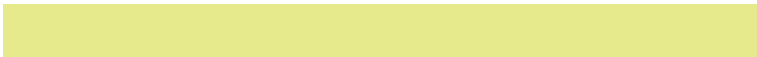
151.4990, 40.1800, -7.4536

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.



226.2370, 14.1802, 25.2252



221.5010, -40.1800, 7.4536



206.7600, 23.7823, -68.1955

Square

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



221.5010, -40.1800, 7.4536



191.7270, 30.2076, -122.5406



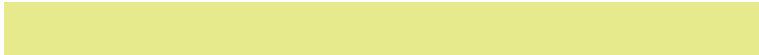
220.6790, 16.9203, -13.7505



212.5640, -5.2081, 37.2164

Rectangle

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



221.5010, -40.1800, 7.4536



210.2100, -8.9775, -60.6972



220.6790, 16.9203, -13.7505



220.9540, 16.7847, 29.8583

Sweetspot

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



221.5010, -40.1800, 7.4536



251.1670, -13.3933, 2.4845



168.9810, -14.2876, 56.1447



125.6490, -7.7150, 1.1848



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.



221.5010, -40.1800, 7.4536



239.8960, -52.6997, 9.7382



208.0460, -33.5467, -20.2113



115.7460, -4.8048, 1.0998



158.5720, -78.1760, 14.4074



47.2460, -23.2923, 4.1693

Inverse Universe

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



151.4990, 40.1800, -7.4536



148.1040, 52.6997, -9.7382



164.9540, 33.5467, 20.2113



107.2540, 4.8048, -1.0998



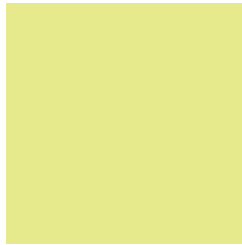
22.4280, 78.1760, -14.4074



6.7540, 23.2923, -4.1693

Previews

White Background



This preview shows how the YUV color 221.5010, -40.1800, 7.4536 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 221.5010, -40.1800, 7.4536 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

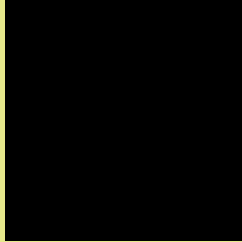
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 221.5010, -40.1800, 7.4536

Background



This preview shows how black text looks on a background with the YUV color 221.5010, -40.1800, 7.4536.

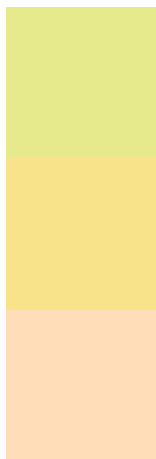


This preview shows how white text looks on a background with the YUV color 221.5010, -40.1800, 7.4536.

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

221.5010, -40.1800, 7.4536

Protanopia

223.1330, -41.9706, 21.8084

Deuteranopia

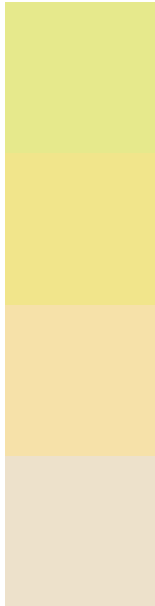
227.0620, -20.7366, 24.5016



Tritanopia

229.0320, 4.9142, 10.4959

Trichromacy



Original Color

221.5010, -40.1800, 7.4536

Protanomaly

222.3280, -41.0807, 16.3753

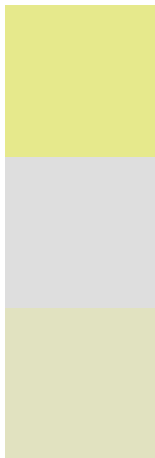
Deuteranomaly

224.8950, -27.5562, 18.5091

Tritanomaly

226.0800, -11.3784, 9.5768

Monochromacy



Original Color

221.5010, -40.1800, 7.4536

Achromatopsia

222.0000, 0.0000, 0.0000

Achromatomaly

221.8250, -14.7037, 2.7845

CSS Examples

Text

The CSS property to change the color of the text to YUV 221.5010, -40.1800, 7.4536 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(230, 233, 140)` looks like.

```
.text, #text, p{  
    color:rgb(230, 233, 140)  
}
```

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(230, 233, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 233, 140) }
```

Border

The CSS property to change the border of an element to YUV 221.5010, -40.1800, 7.4536 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(230, 233, 140) }
```


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

```
.border{ border-color:rgb(230, 233, 140) }
```

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

Here you see how a box with a 4 pixel rgb(230, 233, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 233, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 233, 140);  
box-shadow:4px 4px 4px 4px rgb(230, 233,  
140) }
```

Background

The CSS property to change the background color of an element to YUV 221.5010, -40.1800, 7.4536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 233, 140) }
```

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

```
.background{ background-color: rgb(230,  
233, 140) }
```

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