

Converting Colors

YUV(225.6450, -15.1080,
-7.5817)

Have a look what the booklet for
YUV(225.6450, -15.1080, -7.5817)
contains.

YUV(225.6450, -15.1080, -7.5817)	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(225.6450, -15.1080,
-7.5817)**

Conversions

Conversions Part 1

Format	Color
Hex	D9ECC3
RGB	217, 236, 195
RGB Percent	85%, 93%, 76%
CMY	0.1490, 0.0745, 0.2353
CMYK	0.08, 0.00, 0.17, 0.07
HSL	88°, 52%, 85%
HSV	88°, 17%, 93%
XYZ	68.4611, 78.6827, 63.2088
YIQ	225.6450, 1.8370, -16.7790

Conversions

Conversions Part 2

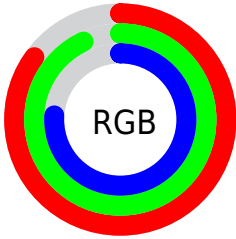
Format	Color
RYB	195, 236, 214
Decimal	14281923
CIELab	91.09, -13.40, 17.80
CIElCh	91, 22.277, 126.970
Yxy	78.6827, 0.3255, 0.3741
Android (android.graphics.Color)	4292472003 (0xFFD9ECC3)
YUV	225.6450, -15.1080, -7.5817
Hunter-Lab	88.7033, -17.4648, 19.8431

Details

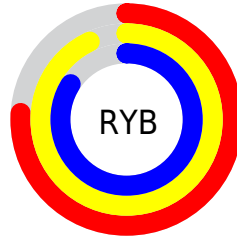
The YUV color $225.6450, -15.1080, -7.5817$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $205.3550, 15.1080, 7.5817$, and the grayscale version is $226.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $254.6580, -1.3104, 0.2999$, and $170.1720, -14.3818, -7.1668$ is the 20% darker color. If you saturate the color by 10%, you get $219.6200, -23.9697, -11.9447$, and if you desaturate by 10%, it is $231.6700, -6.2463, -3.2186$.

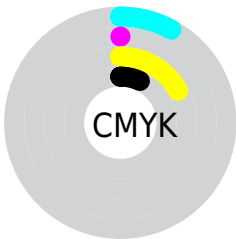
Distribution



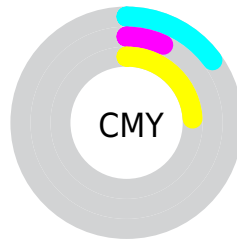
- Red (85%)
- Green (93%)
- Blue (76%)



- Red (76%)
- Yellow (93%)
- Blue (84%)



- Cyan (8%)
- Magenta (0%)
- Yellow (17%)
- Black (7%)



- Cyan (15%)
- Magenta (7%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 225.6450, -15.1080, -7.5817 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 225.6450, -15.1080, -7.5817 by changing the saturation by 10% instead.

■ 225.6450,
-15.1080, -7.5817

■ 225.6450,
-15.1080, -7.5817

255.0000, 0.0000,
0.0000

■ 197.7590,
-14.6712, -7.6816

254.6580, -1.3104,
0.2999

■ 170.1720,
-14.3818, -7.1668

■ 143.6990,
-13.6556, -6.7520

■ 117.8130,
-13.2188, -6.8520

■ 92.9270, -12.7820,
-6.9520

■ 69.4540, -12.0558,
-6.5372

■ 46.5680, -11.6190,

-6.6371

■ 25.9380, -12.7874,
-5.2076

■ 4.1090, -2.0257,
-3.6036

■ 225.6450,
-15.1080, -7.5817

■ 225.6450,
-15.1080, -7.5817

■ 219.6200,
-23.9697, -11.9447

■ 231.6700, -6.2463,
-3.2186

■ 213.7090,
-32.3945, -16.4078

■ 237.5810, 2.1786,
1.2445

■ 207.6840,
-41.2562, -20.7709

■ 242.3520, 6.2355,
6.7073

■ 201.7730,
-49.6811, -25.2339

■ 243.8470, 5.4984,
9.7812

■ 195.7480,
-58.5428, -29.5970

■ 189.7230,
-67.4044, -33.9601

■ 183.8120,
-75.8293, -38.4231

■ 178.0860,
-84.8384, -42.1714

■ 176.5050,
-87.0170, -43.4159

Harmonies

Analogous

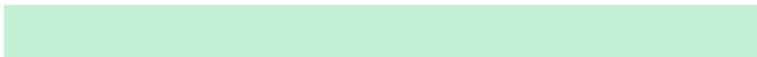
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



228.3870, -20.4038, 11.0616



225.6450, -15.1080, -7.5817



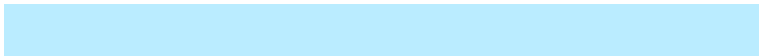
222.7550, -5.3022, -26.0951

Triad

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



225.6450, -15.1080, -7.5817



223.2160, 15.6695, -32.6384



228.1000, -1.5283, 23.5913

Complementary

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



225.6450, -15.1080, -7.5817



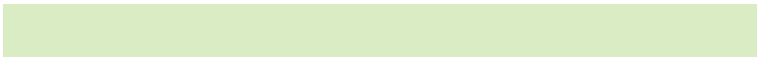
205.3550, 15.1080, 7.5817

Split Complementary

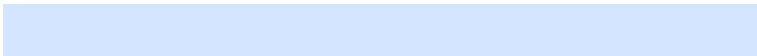
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



231.7820, 7.5025, 20.3622



225.6450, -15.1080, -7.5817



227.4680, 13.5733, -13.5654

Square

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



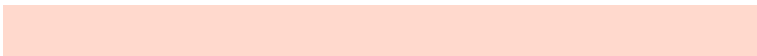
225.6450, -15.1080, -7.5817



222.1500, 15.7021, -43.1045



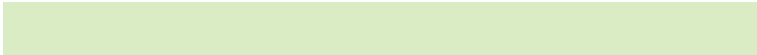
231.1440, 11.7610, 7.7667



226.9940, -10.8430, 24.5613

Rectangle

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



225.6450, -15.1080, -7.5817



221.9370, 2.0031, -35.9017



231.1440, 11.7610, 7.7667



228.8980, 1.5293, 22.8915

Sweetspot

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



225.6450, -15.1080, -7.5817



251.7240, -4.7939, -2.3889



217.8250, -11.2527, 15.9395



125.8920, -2.9048, -1.6593



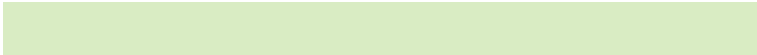
0.0000, 0.0000, 0.0000



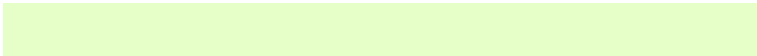
128.0000, 0.0000, 0.0000

Same Dimension

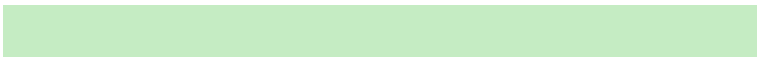
The Same Dimension uses a secret algorithm to generate beautiful new colors.



225.6450, -15.1080, -7.5817



241.3690, -19.9019, -9.9706



219.6650, -12.1598, -19.8772



114.2510, -4.0677, -1.9741



135.2500, -66.6783, -33.5453



40.3690, -19.9019, -9.9706

Inverse Universe

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



205.3550, 15.1080, 7.5817



214.6310, 19.9019, 9.9706



211.3350, 12.1598, 19.8772



108.7490, 4.0677, 1.9741



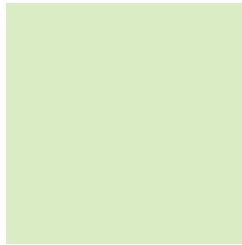
45.7500, 66.6783, 33.5453



13.6310, 19.9019, 9.9706

Previews

White Background



This preview shows how the YUV color 225.6450, -15.1080, -7.5817 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 225.6450, -15.1080, -7.5817 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

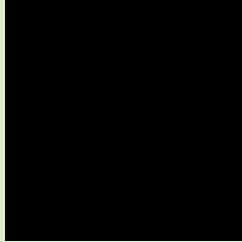
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

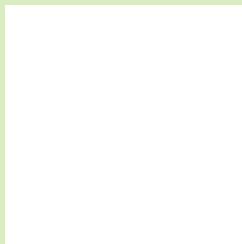
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 225.6450, -15.1080, -7.5817

Background



This preview shows how black text looks on a background with the YUV color 225.6450, -15.1080, -7.5817.



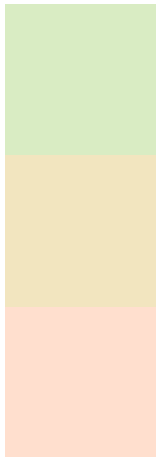
This preview shows how white text looks on a background with the YUV color 225.6450, -15.1080, -7.5817.

-7.5817.

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

225.6450, -15.1080, -7.5817

Protanopia

228.5550, -18.5146, 11.7913

Deuteranopia

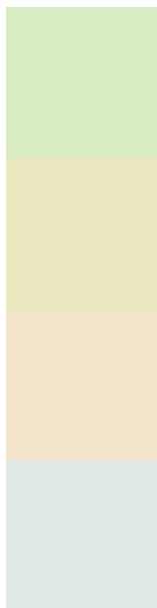
230.6300, -12.1426, 21.3725



Tritanopia

229.8560, 8.4520, -4.2587

Trichromacy



Original Color

225.6450, -15.1080, -7.5817

Protanomaly

227.7390, -17.6193, 4.6139

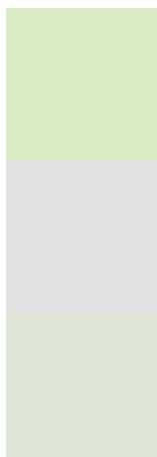
Deuteranomaly

228.9230, -13.2730, 10.5915

Tritanomaly

228.5540, -0.2731, -5.7479

Monochromacy



Original Color

225.6450, -15.1080, -7.5817

Achromatopsia

226.0000, 0.0000, 0.0000

Achromatomaly

226.1970, -5.5201, -2.8038

CSS Examples

Text

The CSS property to change the color of the text to YUV 225.6450, -15.1080, -7.5817 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(217, 236, 195)` looks like.

```
.text, #text, p{  
    color:rgb(217, 236, 195)  
}
```

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(217, 236, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 236, 195) }
```

Border

The CSS property to change the border of an element to YUV 225.6450, -15.1080, -7.5817 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(217, 236, 195) }
```


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

```
.border{ border-color:rgb(217, 236, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 236, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 236, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 236, 195); box-shadow:4px 4px 4px 4px rgb(217, 236, 195) }
```

Background

The CSS property to change the background color of an element to YUV 225.6450, -15.1080, -7.5817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 236, 195) }
```

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

```
.background{ background-color: rgb(217,  
236, 195) }
```

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