

Converting Colors

YUV(222.2400, -4.0623, -3.7185)

Have a look what the booklet for
YUV(222.2400, -4.0623, -3.7185)
contains.

YUV(222.2400, -4.0623, -3.7185)	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(222.2400, -4.0623,
-3.7185)**

Conversions

Conversions Part 1

Format	Color
Hex	DAE2D6
RGB	218, 226, 214
RGB Percent	85%, 89%, 84%
CMY	0.1451, 0.1137, 0.1608
CMYK	0.04, 0.00, 0.05, 0.11
HSL	100°, 17%, 86%
HSV	100°, 5%, 89%
XYZ	68.2474, 74.1532, 74.3343
YIQ	222.2400, -0.9160, -5.4280

Conversions

Conversions Part 2

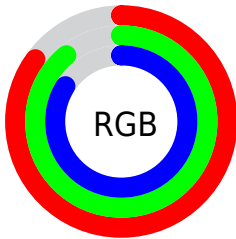
Format	Color
R _Y B	214, 226, 222
Decimal	14344918
CIE Lab	88.99, -4.83, 4.92
CIE LCh	89, 6.895, 134.476
Yxy	74.1532, 0.3149, 0.3421
Android (android.graphics.Color)	4292534998 (0xFFDAE2D6)
YUV	222.2400, -4.0623, -3.7185
Hunter-Lab	86.1122, -9.2280, 9.0979

Details

The YUV color $222.2400, -4.0623, -3.7185$ is a light color, and the websafe version is hex $CCCCCC$. A complement of this color would be $217.7600, 4.0623, 3.7185$, and the grayscale version is $222.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $167.2400, -4.0623, -3.7185$ is the 20% darker color. If you saturate the color by 10%, you get $215.1330, -11.8976, -10.6406$, and if you desaturate by 10%, it is $229.3470, 3.7729, 3.2037$.

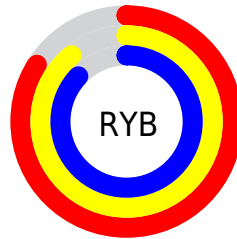
Distribution



Red (85%)

Green (89%)

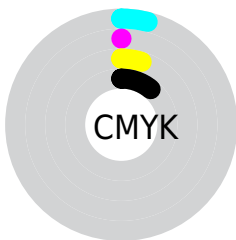
Blue (84%)



Red (84%)

Yellow (89%)

Blue (87%)

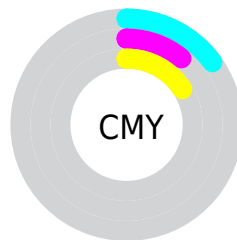


Cyan (4%)

Magenta (0%)

Yellow (5%)

Black (11%)



Cyan (15%)

Magenta (11%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 222.2400, -4.0623, -3.7185 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 222.2400, -4.0623, -3.7185 by changing the saturation by 10% instead.

■ 222.2400, -4.0623,
-3.7185

■ 222.2400, -4.0623,
-3.7185

255.0000, 0.0000,
0.0000

■ 194.2400, -4.0623,
-3.7185

■ 167.2400, -4.0623,
-3.7185

■ 140.6530, -3.7729,
-3.2037

■ 115.3540, -3.6255,
-3.8185

■ 90.7670, -3.3361,
-3.3037

■ 67.1800, -3.0467,
-2.7889

■ 45.1800, -3.0467,

-2.7889

■ 24.4790, -3.1941,
-2.1741

■ 0.0000, 0.0000,
0.0000

■ 222.2400, -4.0623,
-3.7185

■ 222.2400, -4.0623,
-3.7185

■ 215.1330,
-11.8976, -10.6406

■ 229.3470, 3.7729,
3.2037

■ 208.1400,
-19.2960, -17.6628

■ 235.8840, 9.4242,
10.6257

■ 201.0330,
-27.1313, -24.5849

■ 237.9770, 8.3923,
14.9292

■ 194.0400,
-34.5297, -31.6071

■ 186.9330,
-42.3650, -38.5292

■ 179.8260,
-50.2002, -45.4514

■ 172.8330,
-57.5987, -52.4735

■ 165.4270,
-65.2865, -60.0105

■ 158.4340,
-72.6850, -67.0326

Harmonies

Analogous

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



223.1160, -5.9732, 2.5293



222.2400, -4.0623, -3.7185



221.4180, -0.6991, -9.1366

Triad

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



222.2400, -4.0623, -3.7185



222.6660, 6.5737, -8.4771



224.7950, -2.3639, 11.5808

Complementary

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



222.2400, -4.0623, -3.7185



217.7600, 4.0623, 3.7185

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.



225.2830, 0.8465, 8.5218



222.2400, -4.0623, -3.7185



223.8840, 5.9732, -2.5293

Square

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



222.2400, -4.0623, -3.7185



222.1880, 4.8373, -11.5659



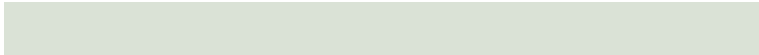
224.7600, 4.0623, 3.7185



224.5130, -4.6899, 10.9511

Rectangle

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



222.2400, -4.0623, -3.7185



221.8630, 1.0535, -11.2809



224.7600, 4.0623, 3.7185



224.8380, -0.9061, 10.6661

Sweetspot

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



222.2400, -4.0623, -3.7185



253.5330, -1.7418, -1.3444



222.2840, -4.0840, 3.2589



127.0600, -1.0156, -0.9296



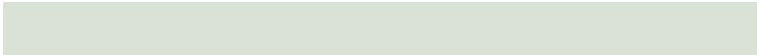
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



222.2400, -4.0623, -3.7185



250.3000, -5.0779, -4.6481



221.2720, -2.5991, -6.3775



109.5930, -2.7573, -2.2741



120.9530, -59.6298, -54.3328



32.9600, -16.2493, -14.8739

Inverse Universe

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



217.7600, 4.0623, 3.7185



244.7000, 5.0779, 4.6481



218.7280, 2.5991, 6.3775



106.7060, 2.6099, 2.8888



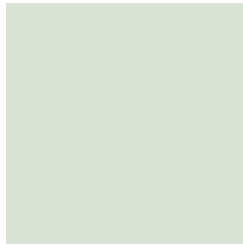
55.0470, 59.6298, 54.3328



15.0400, 16.2493, 14.8739

Previews

White Background



This preview shows how the YUV color 222.2400, -4.0623, -3.7185 looks on a white background.

Color Contrast Check

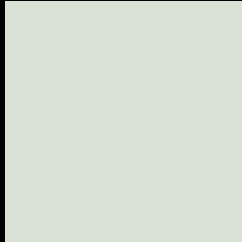
Large Text (above 18pt) WCAG AA × Fail

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 222.2400, -4.0623, -3.7185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

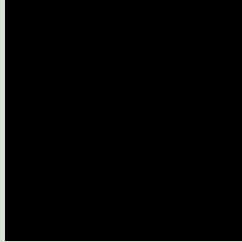
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

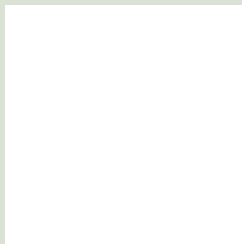
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 222.2400, -4.0623, -3.7185

Background



This preview shows how black text looks on a background with the YUV color 222.2400, -4.0623, -3.7185.



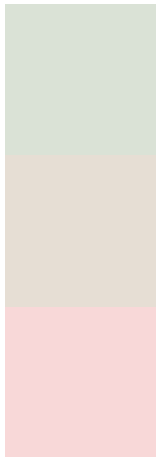
This preview shows how white text looks on a background with the YUV color 222.2400, -4.0623, -3.7185.

-3.7185.

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

222.2400, -4.0623, -3.7185

Protanopia

223.2520, -5.5472, 5.9180

Deuteranopia

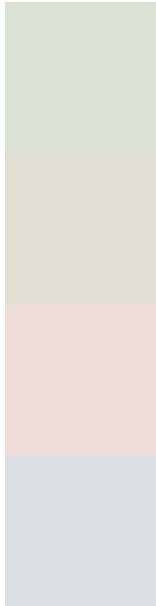
225.5680, -4.7170, 19.6729



Tritanopia

224.0520, 7.8624, -1.7996

Trichromacy



Original Color

222.2400, -4.0623, -3.7185

Protanomaly

222.7570, -4.8102, 2.8441

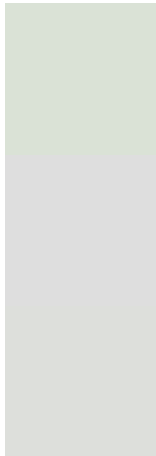
Deuteranomaly

224.5130, -4.6899, 10.9511

Tritanomaly

223.3140, 3.7892, -2.0294

Monochromacy



Original Color

222.2400, -4.0623, -3.7185

Achromatopsia

222.0000, 0.0000, 0.0000

Achromatomaly

221.9460, -1.4524, -0.8296

CSS Examples

Text

The CSS property to change the color of the text to YUV 222.2400, -4.0623, -3.7185 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(218, 226, 214)` looks like.

```
.text, #text, p{  
    color:rgb(218, 226, 214)  
}
```

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(218, 226, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 226, 214) }
```

Border

The CSS property to change the border of an element to YUV 222.2400, -4.0623, -3.7185 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(218, 226, 214) }
```


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

```
.border{ border-color:rgb(218, 226, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 226, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 226, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 226, 214);  
box-shadow:4px 4px 4px 4px rgb(218, 226,  
214) }
```

Background

The CSS property to change the background color of an element to YUV 222.2400, -4.0623, -3.7185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 226, 214) }
```

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

```
.background{ background-color: rgb(218,  
226, 214) }
```

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