

Converting Colors

YUV(222.5340, -6.6723, -6.6073)

Have a look what the booklet for
YUV(222.5340, -6.6723, -6.6073)
contains.

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Color

**YUV(222.5340, -6.6723,
-6.6073)**

Conversions

Conversions Part 1

Format	Color
Hex	D7E5D1
RGB	215, 229, 209
RGB Percent	84%, 90%, 82%
CMY	0.1569, 0.1020, 0.1804
CMYK	0.06, 0.00, 0.09, 0.10
HSL	102°, 28%, 86%
HSV	102°, 9%, 90%
XYZ	67.5523, 75.0891, 71.2549
YIQ	222.5340, -1.9240, -9.1880

Conversions

Conversions Part 2

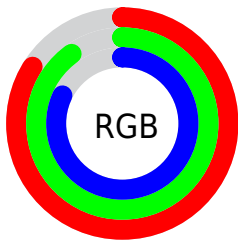
Format	Color
RYB	209, 229, 223
Decimal	14149073
CIELab	89.43, -8.25, 8.14
CIElCh	89, 11.595, 135.376
Yxy	75.0891, 0.3158, 0.3511
Android (android.graphics.Color)	4292339153 (0xFFD7E5D1)
YUV	222.5340, -6.6723, -6.6073
Hunter-Lab	86.6540, -12.4925, 11.9041

Details

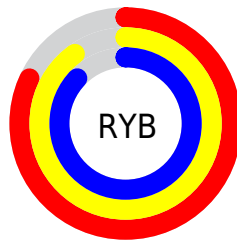
The YUV color $222.5340, -6.6723, -6.6073$ is a light color, and the websafe version is hex $CCCCCC$. A complement of this color would be $215.4660, 6.6723, 6.6073$, and the grayscale version is $223.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $167.6480, -6.2355, -6.7073$ is the 20% darker color. If you saturate the color by 10%, you get $215.1280, -14.3601, -14.1443$, and if you desaturate by 10%, it is $229.9400, 1.0156, 0.9296$.

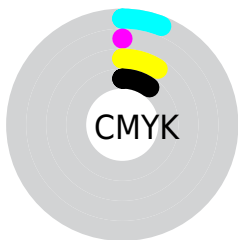
Distribution



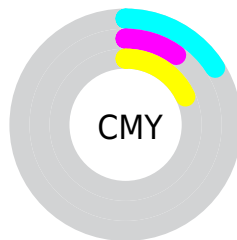
- Red (84%)
- Green (90%)
- Blue (82%)



- Red (82%)
- Yellow (90%)
- Blue (87%)



- Cyan (6%)
- Magenta (0%)
- Yellow (9%)
- Black (10%)



- Cyan (16%)
- Magenta (10%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 222.5340, -6.6723, -6.6073 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 222.5340, -6.6723, -6.6073 by changing the saturation by 10% instead.

■ 222.5340, -6.6723,
-6.6073

■ 222.5340, -6.6723,
-6.6073

255.0000, 0.0000,
0.0000

■ 194.5340, -6.6723,
-6.6073

■ 167.6480, -6.2355,
-6.7073

■ 141.0610, -5.9461,
-6.1925

■ 115.4740, -5.6567,
-5.6777

■ 90.4740, -5.6567,
-5.6777

■ 67.5880, -5.2199,
-5.7777

■ 45.0010, -4.9305,

-5.2629

■ 24.3000, -5.0779,
-4.6481

■ 0.0000, 0.0000,
0.0000

■ 222.5340, -6.6723,
-6.6073

■ 222.5340, -6.6723,
-6.6073

■ 215.1280,
-14.3601, -14.1443

■ 229.9400, 1.0156,
0.9296

■ 207.7220,
-22.0479, -21.6812

■ 237.3460, 8.7034,
8.4666

■ 200.3160,
-29.7358, -29.2181

■ 239.7380, 7.5242,
13.3848

■ 192.9100,
-37.4236, -36.7551

■ 185.5040,
-45.1115, -44.2920

■ 178.2120,
-52.3625, -51.9289

■ 170.8060,
-60.0504, -59.4659

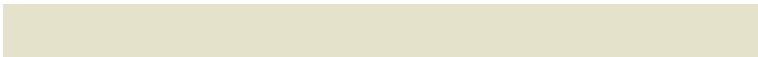
■ 163.4000,
-67.7382, -67.0028

■ 155.9940,
-75.4260, -74.5397

Harmonies

Analogous

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



223.9760, -10.3412, 3.5290



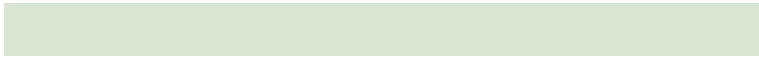
222.5340, -6.6723, -6.6073



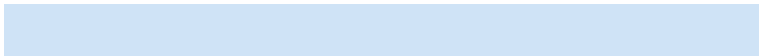
221.5590, -1.2616, -15.3992

Triad

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



222.5340, -6.6723, -6.6073



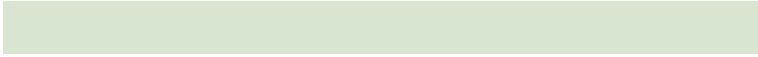
223.1860, 11.2473, -14.1951



226.7960, -3.8434, 19.4729

Complementary

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



222.5340, -6.6723, -6.6073



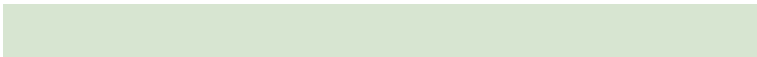
215.4660, 6.6723, 6.6073

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.



227.2560, 1.8458, 14.6845



222.5340, -6.6723, -6.6073



225.3120, 10.1992, -4.6586

Square

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



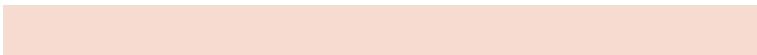
222.5340, -6.6723, -6.6073



221.8710, 8.9376, -20.0579



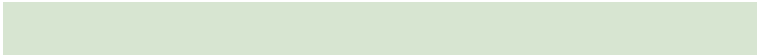
226.4660, 6.6723, 6.6073



226.2320, -8.4954, 18.2135

Rectangle

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



222.5340, -6.6723, -6.6073



220.8620, 2.5330, -19.1730



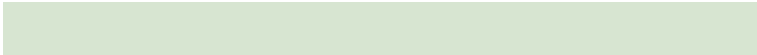
226.4660, 6.6723, 6.6073



226.9530, -1.9488, 18.4582

Sweetspot

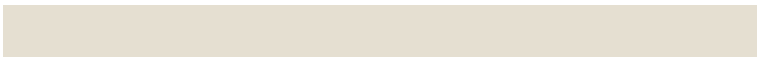
The Sweet Spot groups the original color and five complimentary colors.



222.5340, -6.6723, -6.6073



252.5930, -2.7573, -2.2741



223.1980, -6.9996, 5.0884



126.1200, -2.0312, -1.8592



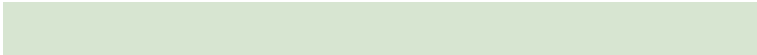
0.0000, 0.0000, 0.0000



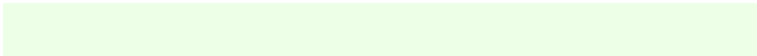
128.0000, 0.0000, 0.0000

Same Dimension

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



222.5340, -6.6723, -6.6073



246.7680, -8.2666, -8.5665



221.1960, -4.0406, -10.6959



111.2400, -4.0623, -3.7185



121.2190, -59.7610, -58.9511



34.4220, -16.9700, -17.0331

Inverse Universe

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



215.4660, 6.6723, 6.6073



237.9330, 8.4140, 7.9518



216.8040, 4.0406, 10.6959



106.7600, 4.0623, 3.7185



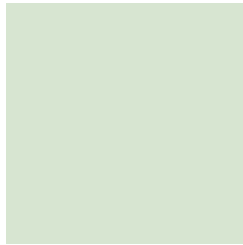
57.7810, 59.7610, 58.9511



16.5780, 16.9700, 17.0331

Previews

White Background



This preview shows how the YUV color 222.5340, -6.6723, -6.6073 looks on a white background.

Color Contrast Check

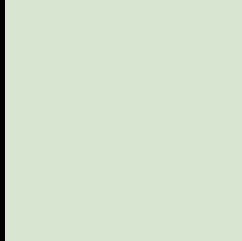
Large Text (above 18pt) WCAG AA × Fail

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 222.5340, -6.6723, -6.6073 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

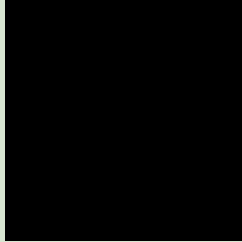
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

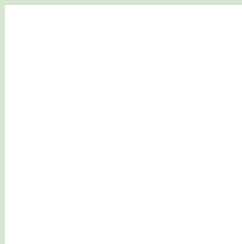
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 222.5340, -6.6723, -6.6073

Background



This preview shows how black text looks on a background with the YUV color 222.5340, -6.6723, -6.6073.



This preview shows how white text looks on a background with the YUV color 222.5340, -6.6723, -6.6073.

-6.6073.

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

222.5340, -6.6723, -6.6073

Protanopia

224.6390, -9.1890, 7.3326

Deuteranopia

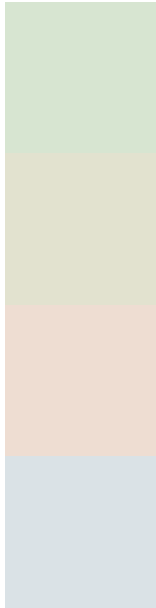
226.4820, -7.6326, 21.5023



Tritanopia

224.8560, 8.4520, -4.2587

Trichromacy



Original Color

222.5340, -6.6723, -6.6073

Protanomaly

223.8340, -8.2992, 1.8996

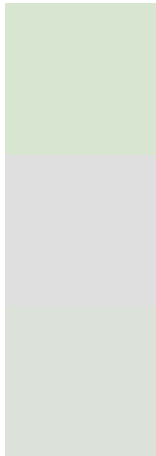
Deuteranomaly

224.8290, -7.3107, 11.5510

Tritanomaly

224.0640, 2.9264, -5.3181

Monochromacy



Original Color

222.5340, -6.6723, -6.6073

Achromatopsia

223.0000, 0.0000, 0.0000

Achromatomaly

222.7070, -2.3206, -2.3740

CSS Examples

Text

The CSS property to change the color of the text to YUV 222.5340, -6.6723, -6.6073 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(215, 229, 209)` looks like.

```
.text, #text, p{  
    color:rgb(215, 229, 209)  
}
```

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(215, 229, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 229, 209) }
```

Border

The CSS property to change the border of an element to YUV 222.5340, -6.6723, -6.6073 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(215, 229, 209) }
```


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

```
.border{ border-color:rgb(215, 229, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 229, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 229, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 229, 209);  
box-shadow:4px 4px 4px 4px rgb(215, 229,  
209) }
```

Background

The CSS property to change the background color of an element to YUV 222.5340, -6.6723, -6.6073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 229, 209) }
```

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

```
.background{ background-color: rgb(215,  
229, 209) }
```

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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