

Converting Colors

YUV(215.7570, -25.0232,
-0.6639)

Have a look what the booklet for
YUV(215.7570, -25.0232, -0.6639)
contains.

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Color

**YUV(215.7570, -25.0232,
-0.6639)**

Conversions

Conversions Part 1

Format	Color
Hex	D7E2A5
RGB	215, 226, 165
RGB Percent	84%, 89%, 65%
CMY	0.1569, 0.1137, 0.3529
CMYK	0.05, 0.00, 0.27, 0.11
HSL	71°, 51%, 77%
HSV	71°, 27%, 89%
XYZ	62.0122, 71.5564, 46.1407
YIQ	215.7570, 13.0250, -21.3030

Conversions

Conversions Part 2

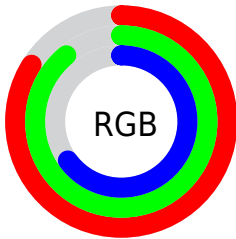
Format	Color
RYB	165, 226, 176
Decimal	14148261
CIELab	87.75, -13.56, 28.66
CIELCh	88, 31.709, 115.314
Yxy	71.5564, 0.3451, 0.3982
Android (android.graphics.Color)	4292338341 (0xFFD7E2A5)
YUV	215.7570, -25.0232, -0.6639
Hunter-Lab	84.5910, -17.1790, 26.8736

Details

The YUV color $215.7570, -25.0232, -0.6639$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $175.2430, 25.0232, 0.6639$, and the grayscale version is $216.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $251.0100, -15.2879, 3.4992$, and $161.0990, -23.7128, -0.9638$ is the 20% darker color. If you saturate the color by 10%, you get $211.9390, -34.4799, -0.8235$, and if you desaturate by 10%, it is $219.5750, -15.5665, -0.5043$.

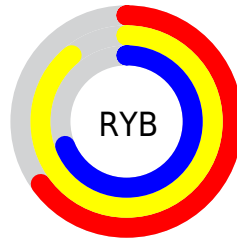
Distribution



Red (84%)

Green (89%)

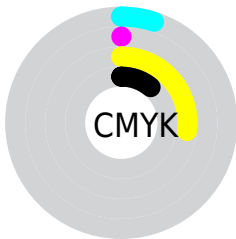
Blue (65%)



Red (65%)

Yellow (89%)

Blue (69%)

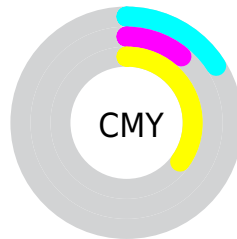


Cyan (5%)

Magenta (0%)

Yellow (27%)

Black (11%)



Cyan (16%)

Magenta (11%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 215.7570, -25.0232, -0.6639 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 215.7570, -25.0232, -0.6639 by changing the saturation by 10% instead.

■ 215.7570,
-25.0232, -0.6639

■ 215.7570,
-25.0232, -0.6639

255.0000, 0.0000,
0.0000

■ 187.8710,
-24.5864, -0.7639

■ 251.0100,
-15.2879, 3.4992

■ 161.0990,
-23.7128, -0.9638

■ 254.3160, -2.6208,
0.5999

■ 134.3270,
-22.8392, -1.1638

■ 109.1420,
-22.2550, -1.8785

■ 84.3700, -21.3814,
-2.0785

■ 60.4840, -20.9446,
-2.1785

■ 38.9400, -19.1974,

-2.5784

■ 18.8280, -9.2822,
-9.4962

■ 0.0000, 0.0000,
0.0000

■ 215.7570,
-25.0232, -0.6639

■ 215.7570,
-25.0232, -0.6639

■ 211.9390,
-34.4799, -0.8235

■ 219.5750,
-15.5665, -0.5043

■ 208.2350,
-43.4999, -1.0831

■ 223.2790, -6.5465,
-0.2447

■ 204.4170,
-52.9566, -1.2427

■ 227.0970, 2.9102,
-0.0851

■ 200.7130,
-61.9765, -1.5023

■ 230.8010, 11.9301,
0.1745

■ 196.8950,
-71.4332, -1.6619

■ 231.9970, 11.3405,
2.6336

■ 193.0770,
-80.8900, -1.8215

■ 233.1930, 10.7509,
5.0927

■ 189.0740,
-89.7625, -2.6959

■ 234.6880, 10.0138,
8.1666

■ 187.9770,
-92.6727, -2.6108

■ 235.8840, 9.4242,
10.6257

■ 237.0800, 8.8346,
13.0848

Harmonies

Analogous

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



218.5860, -28.8829, 24.0421



215.7570, -25.0232, -0.6639



211.6810, -13.1537, -27.7842

Triad

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



215.7570, -25.0232, -0.6639



207.1140, 23.6078, -58.8590



218.2350, 3.8281, 32.2429

Complementary

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



215.7570, -25.0232, -0.6639



175.2430, 25.0232, 0.6639

Split Complementary

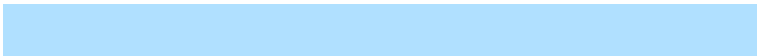
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



224.7640, 14.9063, 25.6400



215.7570, -25.0232, -0.6639



213.1820, 20.6163, -32.6086

Square

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



215.7570, -25.0232, -0.6639



205.3320, 19.5563, -66.0662



219.8700, 17.3191, -1.6400



215.4020, -9.5652, 34.7274

Rectangle

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



215.7570, -25.0232, -0.6639



209.0300, -2.4798, -44.7533



219.8700, 17.3191, -1.6400



220.5490, 7.6173, 30.2135

Sweetspot

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



215.7570, -25.0232, -0.6639



251.5240, -8.1463, -0.4595



189.1090, -11.8857, 32.3534



125.6210, -5.2362, -0.5446



0.0000, 0.0000, 0.0000



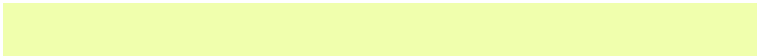
128.0000, 0.0000, 0.0000

Same Dimension

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



215.7570, -25.0232, -0.6639



241.1670, -33.6063, -1.0235



206.7870, -20.6010, -19.1072



110.1480, -4.5100, -0.1298



146.3680, -72.1594, -2.0767



40.1360, -19.7870, -0.1193

Inverse Universe

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



175.2430, 25.0232, 0.6639



186.8330, 33.6063, 1.0235



184.2130, 20.6010, 19.1072



102.8520, 4.5100, 0.1298



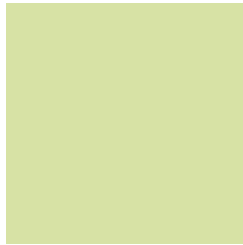
29.6320, 72.1594, 2.0767



8.1630, 19.6396, 0.7340

Previews

White Background



This preview shows how the YUV color 215.7570, -25.0232, -0.6639 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 215.7570, -25.0232, -0.6639 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

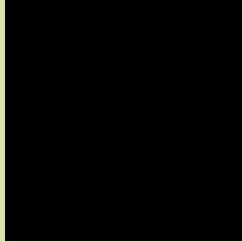
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

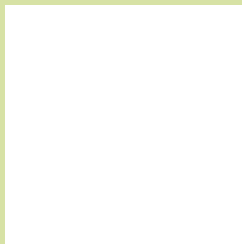
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 215.7570, -25.0232, -0.6639

Background



This preview shows how black text looks on a background with the YUV color 215.7570, -25.0232, -0.6639.



This preview shows how white text looks on a background with the YUV color 215.7570, -25.0232, -0.6639.

-0.6639.

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

215.7570, -25.0232, -0.6639

Protanopia

218.1720, -27.6928, 15.6352

Deuteranopia

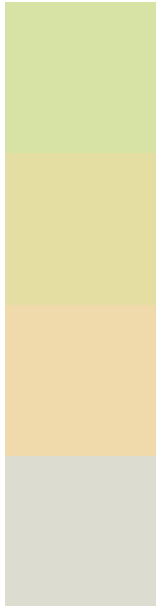
220.5250, -22.9368, 30.2346



Tritanopia

221.0310, 6.3937, 2.6038

Trichromacy



Original Color

215.7570, -25.0232, -0.6639

Protanomaly

217.0680, -26.6555, 9.5874

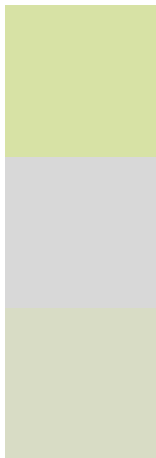
Deuteranomaly

218.6330, -23.4831, 18.7389

Tritanomaly

219.0450, -4.9522, 1.7145

Monochromacy



Original Color

215.7570, -25.0232, -0.6639

Achromatopsia

216.0000, 0.0000, 0.0000

Achromatomaly

216.1820, -9.4567, -0.1596

CSS Examples

Text

The CSS property to change the color of the text to YUV 215.7570, -25.0232, -0.6639 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, 226, 165)` looks like.

```
.text, #text, p{  
    color:rgb(215, 226, 165)  
}
```

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, 226, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 226, 165) }
```

Border

The CSS property to change the border of an element to YUV 215.7570, -25.0232, -0.6639 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, 226, 165) }
```


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

```
.border{ border-color:rgb(215, 226, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 226, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(215, 226, 165); -webkit-box-shadow:4px 4px 4px 4px rgb(215, 226, 165); box-shadow:4px 4px 4px 4px rgb(215, 226, 165) }
```

Background

The CSS property to change the background color of an element to YUV 215.7570, -25.0232, -0.6639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 226, 165) }
```

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

```
.background{ background-color: rgb(215,  
226, 165) }
```

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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