

Converting Colors

YUV(213.8710, -24.5864,
-0.7639)

Have a look what the booklet for
YUV(213.8710, -24.5864, -0.7639)
contains.

YUV(213.8710, -24.5864, -0.7639)	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(213.8710, -24.5864,
-0.7639)**

Conversions

Conversions Part 1

Format	Color
Hex	D5E0A4
RGB	213, 224, 164
RGB Percent	84%, 88%, 64%
CMY	0.1647, 0.1216, 0.3569
CMYK	0.05, 0.00, 0.27, 0.12
HSL	71°, 49%, 76%
HSV	71°, 27%, 88%
XYZ	60.7971, 70.1378, 45.4556
YIQ	213.8710, 12.7040, -20.9920

Conversions

Conversions Part 2

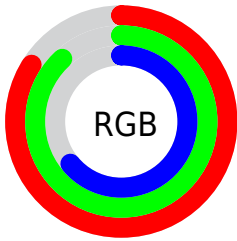
Format	Color
RYB	164, 224, 175
Decimal	14016676
CIELab	87.06, -13.43, 28.22
CIELCh	87, 31.255, 115.456
Yxy	70.1378, 0.3447, 0.3976
Android (android.graphics.Color)	4292206756 (0xFFD5E0A4)
YUV	213.8710, -24.5864, -0.7639
Hunter-Lab	83.7483, -16.9775, 26.4433

Details

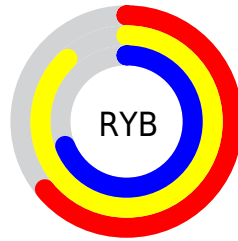
The YUV color $213.8710, -24.5864, -0.7639$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $174.1290, 24.5864, 0.7639$, and the grayscale version is $214.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $250.8960, -15.7247, 3.5992$, and $159.2130, -23.2760, -1.0638$ is the 20% darker color. If you saturate the color by 10%, you get $210.1670, -33.6063, -1.0235$, and if you desaturate by 10%, it is $217.5750, -15.5665, -0.5043$.

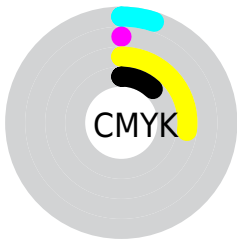
Distribution



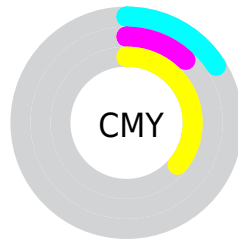
- Red (84%)
- Green (88%)
- Blue (64%)



- Red (64%)
- Yellow (88%)
- Blue (69%)



- Cyan (5%)
- Magenta (0%)
- Yellow (27%)
- Black (12%)



- Cyan (16%)
- Magenta (12%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 213.8710, -24.5864, -0.7639 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 213.8710, -24.5864, -0.7639 by changing the saturation by 10% instead.

■ 213.8710,
-24.5864, -0.7639

■ 213.8710,
-24.5864, -0.7639

255.0000, 0.0000,
0.0000

■ 185.9850,
-24.1496, -0.8638

■ 250.8960,
-15.7247, 3.5992

■ 159.2130,
-23.2760, -1.0638

■ 254.2020, -3.0576,
0.6998

■ 132.4410,
-22.4024, -1.2638

■ 107.5550,
-21.9656, -1.3637

■ 82.7830, -21.0920,
-1.5637

■ 59.4840, -20.9446,
-2.1785

■ 37.4670, -18.4712,

-2.1636

■ 17.3440, -8.5506,
-10.8257

■ 0.0000, 0.0000,
0.0000

■ 213.8710,
-24.5864, -0.7639

■ 213.8710,
-24.5864, -0.7639

■ 210.1670,
-33.6063, -1.0235

■ 217.5750,
-15.5665, -0.5043

■ 206.3490,
-43.0631, -1.1831

■ 221.3930, -6.1097,
-0.3447

■ 202.6450,
-52.0830, -1.4427

■ 225.0970, 2.9102,
-0.0851

■ 198.8270,
-61.5397, -1.6023

■ 228.9150, 12.3669,
0.0745

■ 194.8240,
-70.4122, -2.4766

■ 230.5240, 12.0667,
3.0485

■ 191.1200,
-79.4322, -2.7362

■ 231.7200, 11.4770,
5.5076

■ 187.3020,
-88.8889, -2.8959

■ 232.9160, 10.8874,
7.9667

■ 186.2050,
-91.7991, -2.8108

■ 234.1120, 10.2978,
10.4258

■ 235.3080, 9.7082,
12.8849

Harmonies

Analogous

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



217.2870, -28.7355, 23.4273



213.8710, -24.5864, -0.7639



210.0940, -12.8643, -27.2694

Triad

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



213.8710, -24.5864, -0.7639



205.9400, 24.1866, -57.8294



217.4200, 3.2439, 32.9577

Complementary

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



213.8710, -24.5864, -0.7639



174.1290, 24.5864, 0.7639

Split Complementary

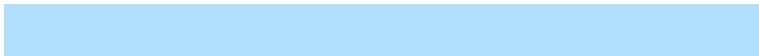
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



222.6500, 14.4695, 25.7399



213.8710, -24.5864, -0.7639



211.7090, 21.3425, -32.1938

Square

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



213.8710, -24.5864, -0.7639



203.8160, 18.8247, -64.7366



218.3970, 18.0453, -1.2252



214.5870, -10.1494, 35.4422

Rectangle

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



213.8710, -24.5864, -0.7639



207.3290, -2.6272, -44.1385



218.3970, 18.0453, -1.2252



219.1470, 7.3225, 31.4431

Sweetspot

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



213.8710, -24.5864, -0.7639



251.5240, -8.1463, -0.4595



188.3970, -12.0277, 31.2238



125.6210, -5.2362, -0.5446



0.0000, 0.0000, 0.0000



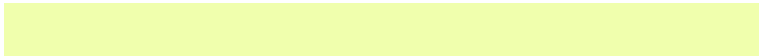
128.0000, 0.0000, 0.0000

Same Dimension

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



213.8710, -24.5864, -0.7639



241.1670, -33.6063, -1.0235



205.2000, -20.3116, -18.5924



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.



174.1290, 24.5864, 0.7639



186.8330, 33.6063, 1.0235



183.0990, 20.1642, 19.2072



102.8520, 4.5100, 0.1298



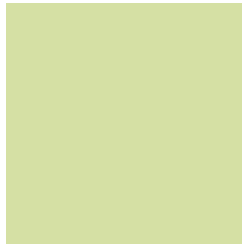
29.6320, 72.1594, 2.0767



8.1630, 19.6396, 0.7340

Previews

White Background



This preview shows how the YUV color 213.8710, -24.5864, -0.7639 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 213.8710, -24.5864, -0.7639 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

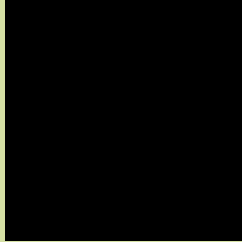
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

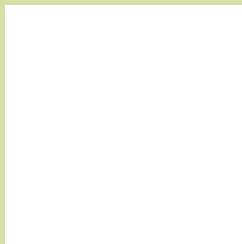
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 213.8710, -24.5864, -0.7639

Background



This preview shows how black text looks on a background with the YUV color 213.8710, -24.5864, -0.7639.



This preview shows how white text looks on a background with the YUV color 213.8710, -24.5864, -0.7639.

-0.7639.

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

213.8710, -24.5864, -0.7639

Protanopia

216.2860, -27.2560, 15.5352

Deuteranopia

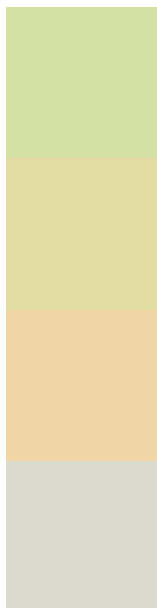
218.0800, -24.6894, 32.3788



Tritanopia

219.0310, 6.3937, 2.6038

Trichromacy



Original Color

213.8710, -24.5864, -0.7639

Protanomaly

215.1820, -26.2187, 9.4874

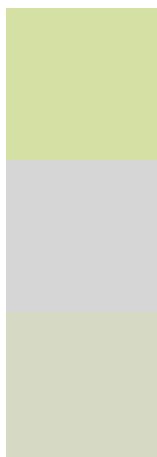
Deuteranomaly

216.4160, -24.3621, 20.6832

Tritanomaly

217.0450, -4.9522, 1.7145

Monochromacy



Original Color

213.8710, -24.5864, -0.7639

Achromatopsia

214.0000, 0.0000, 0.0000

Achromatomaly

214.2960, -9.0199, -0.2596

CSS Examples

Text

The CSS property to change the color of the text to YUV 213.8710, -24.5864, -0.7639 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(213, 224, 164)` looks like.

```
.text, #text, p{  
    color:rgb(213, 224, 164)  
}
```

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(213, 224, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 224, 164) }
```

Border

The CSS property to change the border of an element to YUV 213.8710, -24.5864, -0.7639 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(213, 224, 164) }
```


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

```
.border{ border-color:rgb(213, 224, 164) }
```

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

Here you see how a box with a 4 pixel rgb(213, 224, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 224, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 224, 164);  
box-shadow:4px 4px 4px 4px rgb(213, 224,  
164) }
```

Background

The CSS property to change the background color of an element to YUV 213.8710, -24.5864, -0.7639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 224, 164) }
```

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

```
.background{ background-color: rgb(213,  
224, 164) }
```

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