

Converting Colors

YUV(213.5870, -20.5024,
-4.0228)

Have a look what the booklet for
YUV(213.5870, -20.5024, -4.0228)
contains.

YUV(213.5870, -20.5024, -4.0228)	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(213.5870, -20.5024,
-4.0228)**

Conversions

Conversions Part 1

Format	Color
Hex	D1E0AC
RGB	209, 224, 172
RGB Percent	82%, 88%, 67%
CMY	0.1804, 0.1216, 0.3255
CMYK	0.07, 0.00, 0.23, 0.12
HSL	77°, 46%, 78%
HSV	77°, 23%, 88%
XYZ	60.3965, 69.8452, 49.3280
YIQ	213.5870, 7.7520, -19.3520

Conversions

Conversions Part 2

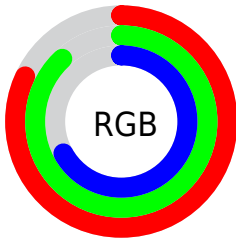
Format	Color
RYB	172, 224, 187
Decimal	13754540
CIELab	86.92, -13.76, 23.84
CIElCh	87, 27.531, 119.995
Yxy	69.8452, 0.3363, 0.3890
Android (android.graphics.Color)	4291944620 (0xFFD1E0AC)
YUV	213.5870, -20.5024, -4.0228
Hunter-Lab	83.5734, -17.2558, 23.5064

Details

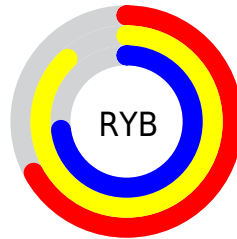
The YUV color $213.5870, -20.5024, -4.0228$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $182.4130, 20.5024, 4.0228$, and the grayscale version is $214.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $251.9220, -11.7935, 2.6994$, and $158.8150, -19.6288, -4.2228$ is the 20% darker color. If you saturate the color by 10%, you get $209.2850, -29.2275, -5.5119$, and if you desaturate by 10%, it is $217.8890, -11.7773, -2.5337$.

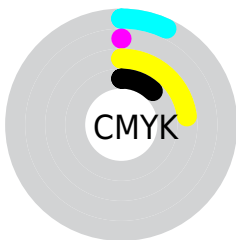
Distribution



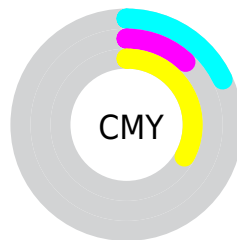
- Red (82%)
- Green (88%)
- Blue (67%)



- Red (67%)
- Yellow (88%)
- Blue (73%)



- Cyan (7%)
- Magenta (0%)
- Yellow (23%)
- Black (12%)



- Cyan (18%)
- Magenta (12%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 213.5870, -20.5024, -4.0228 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 213.5870, -20.5024, -4.0228 by changing the saturation by 10% instead.

■ 213.5870,
-20.5024, -4.0228

■ 213.5870,
-20.5024, -4.0228

255.0000, 0.0000,
0.0000

■ 185.7010,
-20.0656, -4.1228

■ 251.9220,
-11.7935, 2.6994

■ 158.8150,
-19.6288, -4.2228

■ 132.3420,
-18.9026, -3.8079

■ 107.1570,
-18.3184, -4.5227

■ 82.6840, -17.5922,
-4.1079

■ 59.4990, -17.0080,
-4.8226

■ 36.9830, -17.7396,

-3.4931

■ 16.1590, -7.9664,
-11.5404

■ 0.0000, 0.0000,
0.0000

■ 213.5870,
-20.5024, -4.0228

■ 213.5870,
-20.5024, -4.0228

■ 209.2850,
-29.2275, -5.5119

■ 217.8890,
-11.7773, -2.5337

■ 204.5700,
-38.2420, -7.5159

■ 222.6040, -2.7628,
-0.5297

■ 200.2680,
-46.9671, -9.0050

■ 226.9060, 5.9623,
0.9594

■ 195.5530,
-55.9816, -11.0090

■ 230.8230, 11.9193,
3.6632

■ 191.2510,
-64.7067, -12.4981

■ 232.6170, 11.0348,
7.3519

■ 186.6500,
-73.2844, -14.6020

■ 234.7100, 10.0030,
11.6553

■ 182.2340,
-82.4464, -15.9912

■ 236.5040, 9.1185,
15.3440

■ 179.0290,
-88.2613, -17.5654

■ 236.8030, 8.9711,
15.9588

Harmonies

Analogous

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



216.5790, -24.9354, 17.9092



213.5870, -20.5024, -4.0228



210.3050, -9.5174, -27.4545

Triad

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



213.5870, -20.5024, -4.0228



208.6640, 22.8436, -47.0633



218.0240, 0.4812, 32.4280

Complementary

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



213.5870, -20.5024, -4.0228



182.4130, 20.5024, 4.0228

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.



222.0260, 10.8332, 25.4102



213.5870, -20.5024, -4.0228



213.8240, 20.2998, -24.4016

Square

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



213.5870, -20.5024, -4.0228



206.6430, 17.9240, -55.8149



219.3050, 17.5976, 2.3635



216.2340, -11.4544, 33.9978

Rectangle

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



213.5870, -20.5024, -4.0228



208.0350, -0.0173, -41.2497



219.3050, 17.5976, 2.3635



219.6370, 4.1230, 31.0134

Sweetspot

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



213.5870, -20.5024, -4.0228



251.4530, -7.1253, -1.2743



196.3530, -12.0060, 24.2464



125.8490, -4.3626, -0.7446



0.0000, 0.0000, 0.0000



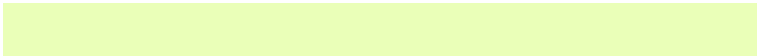
128.0000, 0.0000, 0.0000

Same Dimension

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



213.5870, -20.5024, -4.0228



240.6270, -27.9171, -5.8119



205.8130, -16.6698, -20.0070



109.8490, -4.3626, -0.7446



140.6870, -69.3587, -13.7575



38.3420, -18.9026, -3.8079

Inverse Universe

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



182.4130, 20.5024, 4.0228



198.0740, 28.0645, 5.1971



190.1870, 16.6698, 20.0070



103.1510, 4.3626, 0.7446



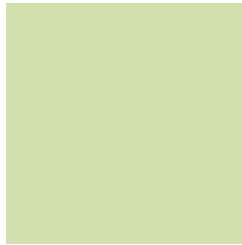
35.3130, 69.3587, 13.7575



9.6580, 18.9026, 3.8079

Previews

White Background



This preview shows how the YUV color 213.5870, -20.5024, -4.0228 looks on a white background.

Color Contrast Check

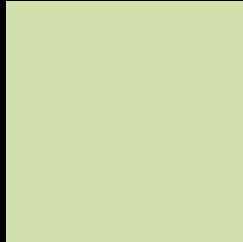
Large Text (above 18pt) WCAG AA × Fail

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 213.5870, -20.5024, -4.0228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

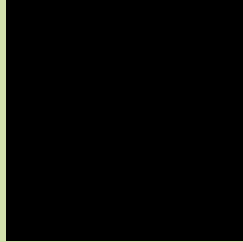
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

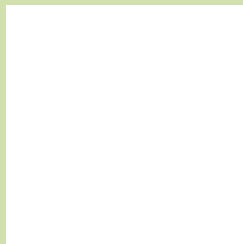
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 213.5870, -20.5024, -4.0228

Background



This preview shows how black text looks on a background with the YUV color 213.5870, -20.5024, -4.0228.



This preview shows how white text looks on a background with the YUV color 213.5870, -20.5024, -4.0228.

-4.0228.

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

213.5870, -20.5024, -4.0228

Protanopia

216.0130, -23.1774, 14.0206

Deuteranopia

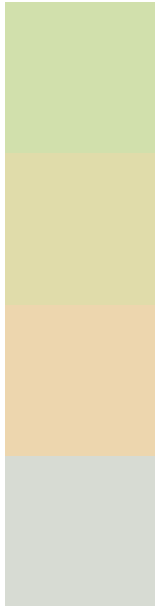
218.2800, -21.3370, 30.4494



Tritanopia

218.5360, 7.1308, -0.4701

Trichromacy



Original Color

213.5870, -20.5024, -4.0228

Protanomaly

215.4960, -22.4295, 7.4580

Deuteranomaly

216.3170, -20.8623, 18.1390

Tritanomaly

216.8920, -2.9048, -1.6593

Monochromacy



Original Color

213.5870, -20.5024, -4.0228

Achromatopsia

214.0000, 0.0000, 0.0000

Achromatomaly

214.0400, -7.4147, -1.7891

CSS Examples

Text

The CSS property to change the color of the text to YUV 213.5870, -20.5024, -4.0228 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(209, 224, 172)` looks like.

```
.text, #text, p{  
    color:rgb(209, 224, 172)  
}
```

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(209, 224, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 224, 172) }
```

Border

The CSS property to change the border of an element to YUV 213.5870, -20.5024, -4.0228 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(209, 224, 172) }
```


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

```
.border{ border-color:rgb(209, 224, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 224, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 224, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 224, 172);  
box-shadow:4px 4px 4px 4px rgb(209, 224,  
172) }
```

Background

The CSS property to change the background color of an element to YUV 213.5870, -20.5024, -4.0228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 224, 172) }
```

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

```
.background{ background-color: rgb(209,  
224, 172) }
```

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