

Converting Colors

YUV(212.2410, -5.5418, 4.1736)

Have a look what the booklet for
YUV(212.2410, -5.5418, 4.1736)
contains.

YUV(212.2410, -5.5418, 4.1736)	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(212.2410, -5.5418,
4.1736)**

Conversions

Conversions Part 1

Format	Color
Hex	D9D4C9
RGB	217, 212, 201
RGB Percent	85%, 83%, 79%
CMY	0.1490, 0.1686, 0.2118
CMYK	0.00, 0.02, 0.07, 0.15
HSL	41°, 17%, 82%
HSV	41°, 7%, 85%
XYZ	62.7014, 66.0557, 64.7037
YIQ	212.2410, 6.5110, -2.3610

Conversions

Conversions Part 2

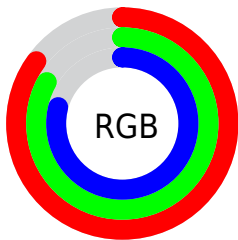
Format	Color
R _Y B	208, 217, 201
Decimal	14275785
CIE Lab	85.02, -0.19, 6.03
CIE LCh	85, 6.038, 91.814
Yxy	66.0557, 0.3241, 0.3414
Android (android.graphics.Color)	4292465865 (0xFFD9D4C9)
YUV	212.2410, -5.5418, 4.1736
Hunter-Lab	81.2747, -4.5224, 9.6909

Details

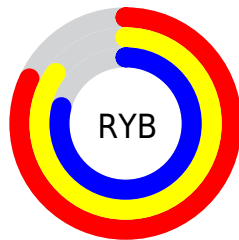
The YUV color $212.2410, -5.5418, 4.1736$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $205.7590, 5.5418, -4.1736$, and the grayscale version is $212.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $157.3550, -5.1050, 4.0737$ is the 20% darker color. If you saturate the color by 10%, you get $205.6240, -13.1256, 9.9768$, and if you desaturate by 10%, it is $218.8580, 2.0420, -1.6295$.

Distribution



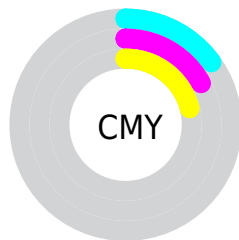
- Red (85%)
- Green (83%)
- Blue (79%)



- Red (82%)
- Yellow (85%)
- Blue (79%)



- Cyan (0%)
- Magenta (2%)
- Yellow (7%)
- Black (15%)



- Cyan (15%)
- Magenta (17%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 212.2410, -5.5418, 4.1736 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 212.2410, -5.5418, 4.1736 by changing the saturation by 10% instead.

■ 212.2410, -5.5418,
4.1736

■ 212.2410, -5.5418,
4.1736

255.0000, 0.0000,
0.0000

■ 184.3550, -5.1050,
4.0737

■ 157.3550, -5.1050,
4.0737

■ 131.3550, -5.1050,
4.0737

■ 106.4690, -4.6682,
3.9737

■ 82.1700, -4.5208,
3.3589

■ 59.1700, -4.5208,
3.3589

■ 37.8710, -4.3734,

2.7441

■ 16.7140, -6.2680,
3.7588

■ 0.0000, 0.0000,
0.0000

■ 212.2410, -5.5418,
4.1736

■ 212.2410, -5.5418,
4.1736

■ 205.6240,
-13.1256, 9.9768

■ 218.8580, 2.0420,
-1.6295

■ 199.1210,
-20.2727, 15.6799

■ 225.3610, 9.1890,
-7.3326

■ 193.0910,
-28.1459, 20.9682

■ 230.1370, 12.2575,
-11.5211

■ 186.4740,
-35.7297, 26.7713

■ 234.2460, 10.2317,
-15.1247

■ 179.9710,
-42.8767, 32.4744

■ 238.3550, 8.2060,
-18.7283

■ 173.3540,
-50.4605, 38.2775

■ 242.4640, 6.1802,
-22.3319

■ 167.3240,
-58.3337, 43.5659

■ 243.6380, 5.6015,
-23.3615

■ 160.7070,
-65.9176, 49.3690

■ 154.2040,
-73.0646, 55.0721

Harmonies

Analogous

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



212.6760, -5.2633, 8.1771



212.2410, -5.5418, 4.1736



211.5500, -4.2151, -1.3593

Triad

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



212.2410, -5.5418, 4.1736



211.1450, 3.3795, -10.6512



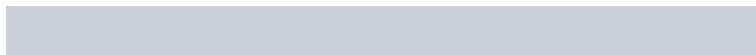
213.3150, 2.3097, 5.8627

Complementary

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



212.2410, -5.5418, 4.1736



205.7590, 5.5418, -4.1736

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.



213.1510, 4.3626, 0.7446



212.2410, -5.5418, 4.1736



211.0250, 5.4107, -8.7919

Square

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



212.2410, -5.5418, 4.1736



210.7600, 0.6113, -9.4365



212.4600, 5.6892, -4.7884



213.8270, -0.9007, 8.9217

Rectangle

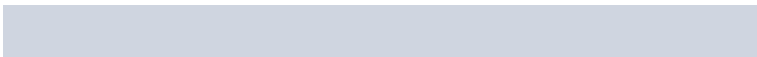
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



212.2410, -5.5418, 4.1736



211.1690, -3.0413, -4.5332



212.4600, 5.6892, -4.7884



213.4180, 2.7519, 4.0184

Sweetspot

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



212.2410, -5.5418, 4.1736



253.2560, -1.6052, 1.5295



206.3540, -0.1745, 9.3365



127.0710, -1.0210, 0.8147



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.



212.2410, -5.5418, 4.1736



248.2690, -8.0206, 5.9031



214.2790, -6.5465, -0.2447



106.3980, -3.6472, 3.1590



121.5800, -59.9389, 45.0953



32.5380, -16.0412, 11.8062

Inverse Universe

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



205.7590, 5.5418, -4.1736



238.7310, 8.0206, -5.9031



203.7210, 6.5465, 0.2447



102.0150, 3.9366, -2.6442



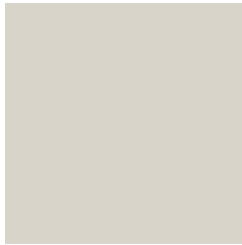
51.4200, 59.9389, -45.0953



13.4620, 16.0412, -11.8062

Previews

White Background



This preview shows how the YUV color 212.2410, -5.5418, 4.1736 looks on a white background.

Color Contrast Check

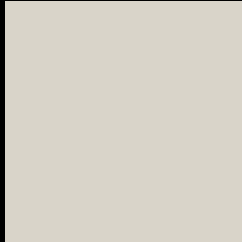
Large Text (above 18pt) WCAG AA × Fail

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 212.2410, -5.5418, 4.1736 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

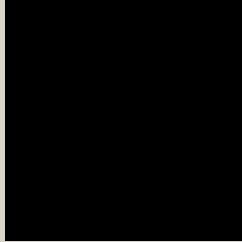
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

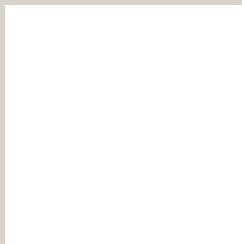
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 212.2410, -5.5418, 4.1736

Background



This preview shows how black text looks on a background with the YUV color 212.2410, -5.5418, 4.1736.



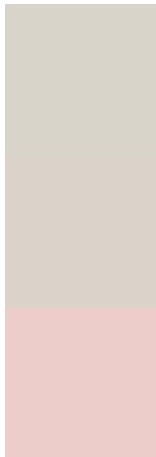
This preview shows how white text looks on a background with the YUV color 212.2410, -5.5418,

4.1736.

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

212.2410, -5.5418, 4.1736

Protanopia

212.2520, -5.5472, 5.9180

Deuteranopia

213.9270, -5.8800, 19.3580



Tritanopia

213.5260, 5.6567, 5.6777

Trichromacy



Original Color

212.2410, -5.5418, 4.1736

Protanomaly

211.9530, -5.3998, 5.3032

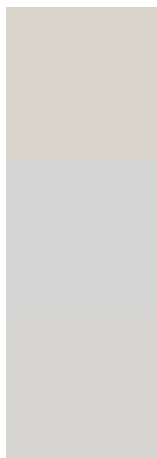
Deuteranomaly

213.5950, -5.7163, 13.5102

Tritanomaly

212.7880, 1.5835, 5.4479

Monochromacy



Original Color

212.2410, -5.5418, 4.1736

Achromatopsia

212.0000, 0.0000, 0.0000

Achromatomaly

212.1420, -2.0420, 1.6295

CSS Examples

Text

The CSS property to change the color of the text to YUV 212.2410, -5.5418, 4.1736 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(217, 212, 201)` looks like.

```
.text, #text, p{  
    color:rgb(217, 212, 201)  
}
```

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(217, 212, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 212, 201) }
```

Border

The CSS property to change the border of an element to YUV 212.2410, -5.5418, 4.1736 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(217, 212, 201) }
```


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

```
.border{ border-color:rgb(217, 212, 201) }
```

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

Here you see how a box with a 4 pixel rgb(217, 212, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 212, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 212, 201);  
box-shadow:4px 4px 4px 4px rgb(217, 212,  
201) }
```

Background

The CSS property to change the background color of an element to YUV 212.2410, -5.5418, 4.1736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 212, 201) }
```

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

```
.background{ background-color: rgb(217,  
212, 201) }
```

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