

Converting Colors

YUV(218.6510, -14.1249,
3.8141)

Have a look what the booklet for
YUV(218.6510, -14.1249, 3.8141)
contains.

YUV(218.6510, -14.1249, 3.8141)	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(218.6510, -14.1249,
3.8141)**

Conversions

Conversions Part 1

Format	Color
Hex	DFDEBE
RGB	223, 222, 190
RGB Percent	87%, 87%, 75%
CMY	0.1255, 0.1294, 0.2549
CMYK	0.00, 0.00, 0.15, 0.13
HSL	58°, 34%, 81%
HSV	58°, 15%, 87%
XYZ	65.8470, 71.6482, 59.0742
YIQ	218.6510, 10.8680, -9.7400

Conversions

Conversions Part 2

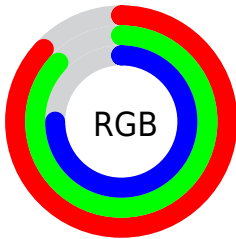
Format	Color
RYB	191, 223, 190
Decimal	14671550
CIELab	87.80, -4.99, 15.84
CIELCh	88, 16.610, 107.477
Yxy	71.6482, 0.3350, 0.3645
Android (android.graphics.Color)	4292861630 (0xFFDFDEBE)
YUV	218.6510, -14.1249, 3.8141
Hunter-Lab	84.6453, -9.2711, 17.8730

Details

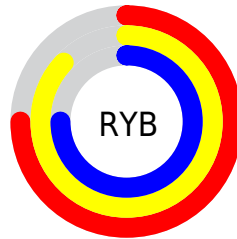
The YUV color **218.6510, -14.1249, 3.8141** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **194.3490, 14.1249, -3.8141**, and the grayscale version is **219.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **253.9740, -3.9312, 0.8998**, and **163.8790, -13.2513, 3.6141** is the 20% darker color. If you saturate the color by 10%, you get **215.5560, -23.4451, 6.5284**, and if you desaturate by 10%, it is **221.7460, -4.8048, 1.0998**.

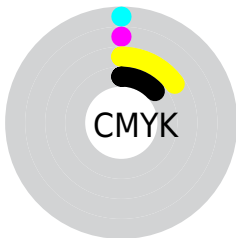
Distribution



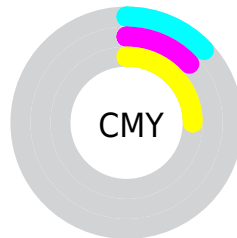
- Red (87%)
- Green (87%)
- Blue (75%)



- Red (75%)
- Yellow (87%)
- Blue (75%)



- Cyan (0%)
- Magenta (0%)
- Yellow (15%)
- Black (13%)



- Cyan (13%)
- Magenta (13%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 218.6510, -14.1249, 3.8141 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 218.6510, -14.1249, 3.8141 by changing the saturation by 10% instead.

■ 218.6510,
-14.1249, 3.8141

■ 218.6510,
-14.1249, 3.8141

255.0000, 0.0000,
0.0000

■ 190.7650,
-13.6881, 3.7141

■ 253.9740, -3.9312,
0.8998

■ 163.8790,
-13.2513, 3.6141

■ 137.5800,
-13.1039, 2.9993

■ 111.8080,
-12.2303, 2.7994

■ 87.8080, -12.2303,
2.7994

■ 64.0360, -11.3567,
2.5994

■ 41.8510, -10.7725,

1.8847

■ 21.2640, -10.4832,
2.3995

■ 0.0000, 0.0000,
0.0000

■ 218.6510,
-14.1249, 3.8141

■ 218.6510,
-14.1249, 3.8141

■ 215.5560,
-23.4451, 6.5284

■ 221.7460, -4.8048,
1.0998

■ 212.9340,
-33.4915, 8.8279

■ 224.3680, 5.2416,
-1.1997

■ 209.8390,
-42.8116, 11.5422

■ 227.2350, 13.6881,
-3.7141

■ 206.7440,
-52.1318, 14.2565

■ 227.8220, 13.3988,
-4.2289

■ 204.2360,
-61.7413, 16.4560

■ 228.4090, 13.1094,
-4.7437

■ 201.0270,
-71.4983, 19.2703

■ 228.9960, 12.8200,
-5.2585

■ 197.9320,
-80.8185, 21.9846

■ 229.5830, 12.5306,
-5.7733

■ 195.4240,
-90.4280, 24.1842

■ 193.4690,
-95.3802, 25.8987

Harmonies

Analogous

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



220.5000, -15.0365, 16.2245



218.6510, -14.1249, 3.8141



216.5290, -9.1348, -10.1109

Triad

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



218.6510, -14.1249, 3.8141



215.9560, 13.3327, -29.7794



223.3000, 1.8241, 21.6619

Complementary

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



218.6510, -14.1249, 3.8141



194.3490, 14.1249, -3.8141

Split Complementary

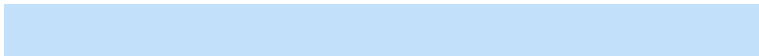
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



222.5850, 9.5716, 10.0110



218.6510, -14.1249, 3.8141



218.4070, 16.0683, -20.5279

Square

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



218.6510, -14.1249, 3.8141



214.3490, 7.2229, -30.1241



220.7510, 14.4198, -5.0436



223.2700, -6.0491, 26.9502

Rectangle

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



218.6510, -14.1249, 3.8141



215.5540, -3.7241, -18.9029



220.7510, 14.4198, -5.0436



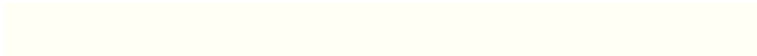
223.3750, 4.7451, 18.0881

Sweetspot

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



218.6510, -14.1249, 3.8141



253.8600, -4.3680, 0.9998



199.9810, -4.4276, 20.1877



126.6150, -2.7682, 1.2146



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.



218.6510, -14.1249, 3.8141



249.1690, -19.8033, 5.1138



214.7530, -12.2032, -5.9224



110.7460, -4.8048, 1.0998



153.0010, -75.4295, 20.1701



41.9410, -20.6769, 5.3137

Inverse Universe

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



194.3490, 14.1249, -3.8141



214.8310, 19.8033, -5.1138



198.2470, 12.2032, 5.9224



102.2540, 4.8048, -1.0998



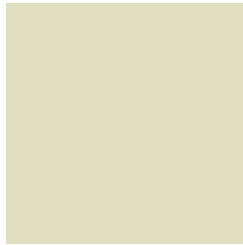
22.9990, 75.4295, -20.1701



6.0590, 20.6769, -5.3137

Previews

White Background



This preview shows how the YUV color 218.6510, -14.1249, 3.8141 looks on a white background.

Color Contrast Check

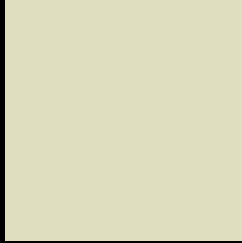
Large Text (above 18pt) WCAG AA × Fail

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 218.6510, -14.1249, 3.8141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

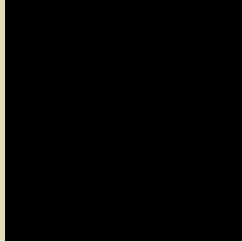
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

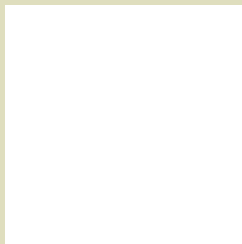
Any Text WCAG AAA ✓ Pass

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

YUV 218.6510, -14.1249, 3.8141 Background



This preview shows how black text looks on a background with the YUV color 218.6510, -14.1249, 3.8141.



This preview shows how white text looks on a background with the YUV color 218.6510, -14.1249, 3.8141.

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

218.6510, -14.1249, 3.8141

Protanopia

219.1680, -14.8728, 10.3767

Deuteranopia

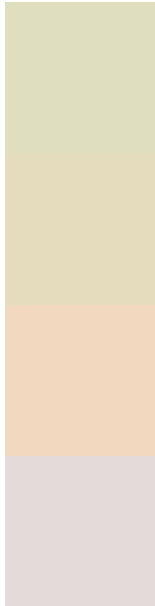
221.3810, -14.4848, 25.9759



Tritanopia

221.8250, 5.5093, 6.2925

Trichromacy



Original Color

218.6510, -14.1249, 3.8141

Protanomaly

218.8580, -14.7200, 8.0175

Deuteranomaly

220.6250, -14.6051, 17.8689

Tritanomaly

220.5770, -1.7635, 5.6330

Monochromacy



Original Color

218.6510, -14.1249, 3.8141

Achromatopsia

219.0000, 0.0000, 0.0000

Achromatomaly

218.6320, -5.2416, 1.1997

CSS Examples

Text

The CSS property to change the color of the text to YUV 218.6510, -14.1249, 3.8141 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(223, 222, 190)` looks like.

```
.text, #text, p{  
    color:rgb(223, 222, 190)  
}
```

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(223, 222, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 222, 190) }
```

Border

The CSS property to change the border of an element to YUV 218.6510, -14.1249, 3.8141 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(223, 222, 190) }
```


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

```
.border{ border-color:rgb(223, 222, 190) }
```

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

Here you see how a box with a 4 pixel rgb(223, 222, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 222, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 222, 190);  
box-shadow:4px 4px 4px 4px rgb(223, 222,  
190) }
```

Background

The CSS property to change the background color of an element to YUV 218.6510, -14.1249, 3.8141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 222, 190) }
```

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

```
.background{ background-color: rgb(223,  
222, 190) }
```

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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