

Converting Colors

YUV(215.9540, -10.3303,
0.0403)

Have a look what the booklet for
YUV(215.9540, -10.3303, 0.0403)
contains.

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Color

**YUV(215.9540, -10.3303,
0.0403)**

Conversions

Conversions Part 1

Format	Color
Hex	D8DCC3
RGB	216, 220, 195
RGB Percent	85%, 86%, 76%
CMY	0.1529, 0.1373, 0.2353
CMYK	0.02, 0.00, 0.11, 0.14
HSL	70°, 26%, 81%
HSV	70°, 11%, 86%
XYZ	63.7624, 69.7255, 61.7275
YIQ	215.9540, 5.6410, -8.6230

Conversions

Conversions Part 2

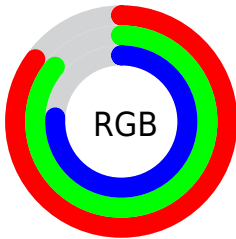
Format	Color
RYB	195, 220, 199
Decimal	14212291
CIELab	86.86, -5.67, 11.82
CIELCh	87, 13.110, 115.619
Yxy	69.7255, 0.3266, 0.3572
Android (android.graphics.Color)	4292402371 (0xFFD8DCC3)
YUV	215.9540, -10.3303, 0.0403
Hunter-Lab	83.5018, -9.8245, 14.6220

Details

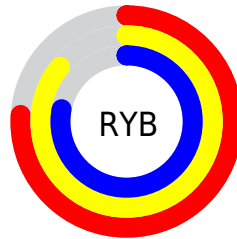
The YUV color $215.9540, -10.3303, 0.0403$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $199.0460, 10.3303, -0.0403$, and the grayscale version is $216.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $254.6580, -1.3104, 0.2999$, and $161.0680, -9.8935, -0.0596$ is the 20% darker color. If you saturate the color by 10%, you get $212.2500, -19.3502, -0.2193$, and if you desaturate by 10%, it is $219.6580, -1.3104, 0.2999$.

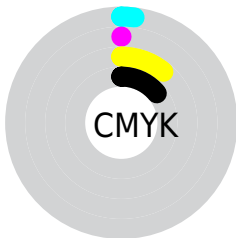
Distribution



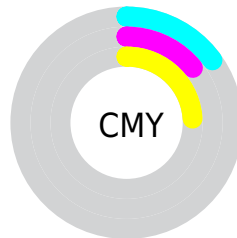
- Red (85%)
- Green (86%)
- Blue (76%)



- Red (76%)
- Yellow (86%)
- Blue (78%)



- Cyan (2%)
- Magenta (0%)
- Yellow (11%)
- Black (14%)



- Cyan (15%)
- Magenta (14%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 215.9540, -10.3303, 0.0403 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 215.9540, -10.3303, 0.0403 by changing the saturation by 10% instead.

■ 215.9540,
-10.3303, 0.0403

■ 215.9540,
-10.3303, 0.0403

255.0000, 0.0000,
0.0000

■ 188.0680, -9.8935,
-0.0596

254.6580, -1.3104,
0.2999

■ 161.0680, -9.8935,
-0.0596

■ 135.1820, -9.4567,
-0.1596

■ 109.2960, -9.0199,
-0.2596

■ 85.4100, -8.5831,
-0.3596

■ 62.4100, -8.5831,
-0.3596

■ 39.9370, -7.8569,

0.0553

■ 19.4810, -9.6041,
0.4552

■ 0.0000, 0.0000,
0.0000

■ 215.9540,
-10.3303, 0.0403

■ 215.9540,
-10.3303, 0.0403

■ 212.2500,
-19.3502, -0.2193

■ 219.6580, -1.3104,
0.2999

■ 208.8450,
-28.5176, 0.1359

■ 223.0630, 7.8569,
-0.0553

■ 205.1410,
-37.5375, -0.1237

■ 226.0830, 14.2561,
0.8042

■ 201.7360,
-46.7048, 0.2315

■ 226.9800, 13.8139,
2.6485

■ 198.0320,
-55.7248, -0.0281

■ 228.1760, 13.2242,
5.1076

■ 194.6270,
-64.8921, 0.3271

■ 229.0730, 12.7820,
6.9520

■ 190.9230,
-73.9120, 0.0675

■ 230.2690, 12.1924,
9.4111

■ 187.5180,
-83.0794, 0.4227

■ 231.1660, 11.7502,
11.2554

■ 184.4550,
-90.9363, 0.4780

■ 232.3620, 11.1605,
13.7145

Harmonies

Analogous

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



217.5640, -12.1101, 10.9064



215.9540, -10.3303, 0.0403



214.4410, -5.6404, -10.9108

Triad

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



215.9540, -10.3303, 0.0403



214.8430, 11.4164, -21.7873



220.1210, -0.0597, 19.1879

Complementary

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



215.9540, -10.3303, 0.0403



199.0460, 10.3303, -0.0403

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.



219.6730, 6.0772, 10.8108



215.9540, -10.3303, 0.0403



216.5390, 12.5523, -12.7507

Square

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



215.9540, -10.3303, 0.0403



213.6810, 7.0593, -24.2762



218.7470, 10.4777, -0.6551



219.8240, -6.3222, 21.2024

Rectangle

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



215.9540, -10.3303, 0.0403



214.1350, -1.5456, -17.6584



218.7470, 10.4777, -0.6551



220.2670, 1.8404, 16.4288

Sweetspot

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



215.9540, -10.3303, 0.0403



253.7890, -3.3470, 0.1850



204.8230, -4.8427, 13.3102



127.0170, -2.4734, -0.0149



0.0000, 0.0000, 0.0000



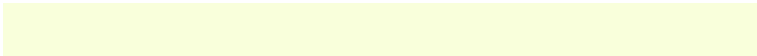
128.0000, 0.0000, 0.0000

Same Dimension

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



215.9540, -10.3303, 0.0403



249.1020, -14.8403, -0.0895



212.3660, -8.5614, -7.3370



108.1480, -4.5100, -0.1298



145.2050, -71.5861, 0.6972



38.6630, -19.0609, 0.2955

Inverse Universe

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



199.0460, 10.3303, -0.0403



224.8980, 14.8403, 0.0895



202.6340, 8.5614, 7.3370



100.5530, 4.6574, -0.4850



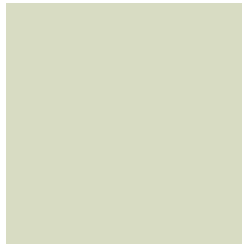
28.0940, 71.4387, -0.0824



7.3370, 19.0609, -0.2955

Previews

White Background



This preview shows how the YUV color 215.9540, -10.3303, 0.0403 looks on a white background.

Color Contrast Check

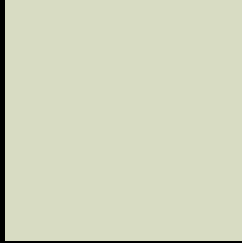
Large Text (above 18pt) WCAG AA × Fail

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 215.9540, -10.3303, 0.0403 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

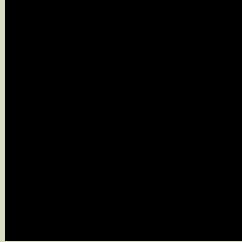
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

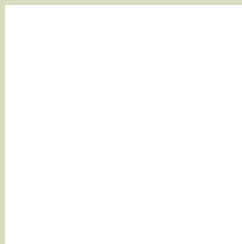
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 215.9540, -10.3303, 0.0403

Background



This preview shows how black text looks on a background with the YUV color 215.9540, -10.3303, 0.0403.



This preview shows how white text looks on a background with the YUV color 215.9540, -10.3303, 0.0403.

0.0403.

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

215.9540, -10.3303, 0.0403

Protanopia

217.2540, -11.9572, 8.5472

Deuteranopia

219.2820, -10.9850, 23.4317



Tritanopia

218.7320, 6.5411, 1.9890

Trichromacy



Original Color

215.9540, -10.3303, 0.0403

Protanomaly

216.7590, -11.2202, 5.4734

Deuteranomaly

218.2270, -10.9579, 14.7099

Tritanomaly

217.8260, 0.5788, 1.0296

Monochromacy



Original Color

215.9540, -10.3303, 0.0403

Achromatopsia

216.0000, 0.0000, 0.0000

Achromatomaly

215.6750, -3.7838, 0.2850

CSS Examples

Text

The CSS property to change the color of the text to YUV 215.9540, -10.3303, 0.0403 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(216, 220, 195)` looks like.

```
.text, #text, p{  
    color:rgb(216, 220, 195)  
}
```

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(216, 220, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 220, 195) }
```

Border

The CSS property to change the border of an element to YUV 215.9540, -10.3303, 0.0403 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(216, 220, 195) }
```


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

```
.border{ border-color:rgb(216, 220, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 220, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 220, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 220, 195);  
box-shadow:4px 4px 4px 4px rgb(216, 220,  
195) }
```

Background

The CSS property to change the background color of an element to YUV 215.9540, -10.3303, 0.0403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 220, 195) }
```

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

```
.background{ background-color: rgb(216,  
220, 195) }
```

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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