

Converting Colors

YUV(166.3770, -14.9759,
43.5194)

Have a look what the booklet for
YUV(166.3770, -14.9759, 43.5194)
contains.

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Color

**YUV(166.3770, -14.9759,
43.5194)**

Conversions

Conversions Part 1

Format	Color
Hex	D89388
RGB	216, 147, 136
RGB Percent	85%, 58%, 53%
CMY	0.1529, 0.4235, 0.4667
CMYK	0.00, 0.32, 0.37, 0.15
HSL	8°, 51%, 69%
HSV	8°, 37%, 85%
XYZ	43.1966, 37.2439, 28.2046
YIQ	166.3770, 44.6550, 11.2070

Conversions

Conversions Part 2

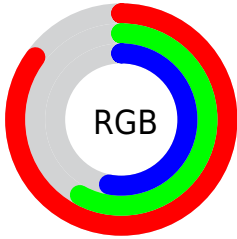
Format	Color
R _Y B	216, 149, 136
Decimal	14193544
CIE Lab	67.46, 24.68, 16.40
CIE LCh	67, 29.635, 33.609
Yxy	37.2439, 0.3976, 0.3428
Android (android.graphics.Color)	4292383624 (0xFFD89388)
YUV	166.3770, -14.9759, 43.5194
Hunter-Lab	61.0278, 19.5468, 15.3180

Details

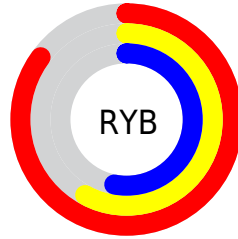
The YUV color **166.3770, -14.9759, 43.5194** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **185.6230, 14.9759, -43.5194**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.7780, -13.2016, 34.3977**, and **113.6970, -13.6546, 39.7307** is the 20% darker color. If you saturate the color by 10%, you get **152.7160, -19.0870, 55.5001**, and if you desaturate by 10%, it is **180.0380, -10.8647, 31.5387**.

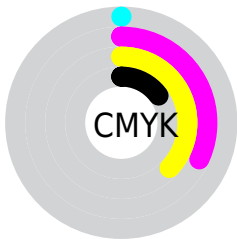
Distribution



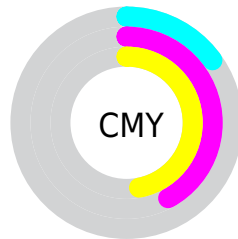
- Red (85%)
- Green (58%)
- Blue (53%)



- Red (85%)
- Yellow (58%)
- Blue (53%)



- Cyan (0%)
- Magenta (32%)
- Yellow (37%)
- Black (15%)



- Cyan (15%)
- Magenta (42%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.3770, -14.9759, 43.5194 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 166.3770, -14.9759, 43.5194 by changing the saturation by 10% instead.

■ 166.3770,
-14.9759, 43.5194

■ 166.3770,
-14.9759, 43.5194

■ 255.0000, 0.0000,
0.0000

■ 139.5940,
-14.0968, 41.5751

■ 215.7780,
-13.2016, 34.3977

■ 113.6970,
-13.6546, 39.7307

■ 235.9930, -9.3635,
16.6691

■ 88.3270, -12.4862,
38.3012

■ 253.9740, -3.9312,
0.8998

■ 64.2450, -11.4598,
35.7421

■ 40.3910, -9.5598,
32.9831

■ 17.9070, -8.8282,
31.6536

■ 8.1870, -3.5432,

16.4990

■ 0.0000, 0.0000,
0.0000

■ 166.3770,
-14.9759, 43.5194

■ 166.3770,
-14.9759, 43.5194

■ 152.7160,
-19.0870, 55.5001

■ 180.0380,
-10.8647, 31.5387

■ 139.7560,
-23.0507, 66.8660

■ 192.9980, -6.9010,
20.1728

■ 126.0950,
-27.1618, 78.8467

■ 206.6590, -2.7899,
8.1921

■ 112.5480,
-30.8362, 90.7274

■ 220.2060, 0.8844,
-3.6887

■ 99.4740, -35.2367,
102.1933

■ 233.2800, 5.2850,
-15.1546

■ 85.8130, -39.3478,
114.1740

■ 243.3390, 5.7489,
-23.9763

■ 82.1940, -40.5216,
117.3479

Harmonies

Analogous

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



167.5800, -2.7509, 42.4643



166.3770, -14.9759, 43.5194



165.0200, -23.6739, 33.3085

Triad

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



166.3770, -14.9759, 43.5194



155.7390, -7.7593, -31.3431



162.2460, 26.9937, -24.7717

Complementary

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



166.3770, -14.9759, 43.5194



185.6230, 14.9759, -43.5194

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.



154.3090, 27.9487, -51.1370



166.3770, -14.9759, 43.5194



151.3200, 7.7302, -52.9006

Square

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



166.3770, -14.9759, 43.5194



159.6790, -20.0547, -7.6115



149.5110, 21.4401, -63.5921



166.8260, 20.7918, 4.5376

Rectangle

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



166.3770, -14.9759, 43.5194



163.3730, -25.8199, 21.5979



149.5110, 21.4401, -63.5921



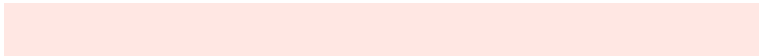
160.1200, 28.0418, -34.3082

Sweetspot

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



166.3770, -14.9759, 43.5194



237.7200, -5.2850, 15.1546



167.7860, 18.3465, 42.2837



117.2570, -3.0847, 9.4216



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.



166.3770, -14.9759, 43.5194



185.2930, -20.8504, 61.1330



189.8570, -26.5515, 22.9274



100.4630, -2.2003, 5.7329



64.6300, -31.8626, 93.2865



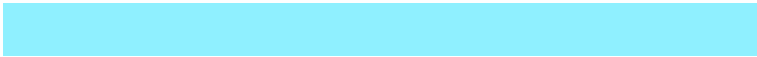
16.3790, -8.0748, 23.3466

Inverse Universe

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



185.6230, 14.9759, -43.5194



212.7070, 20.8504, -61.1330



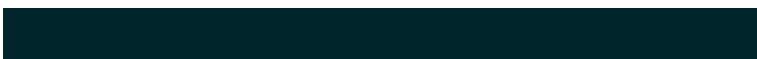
162.1430, 26.5515, -22.9274



103.1240, 1.9109, -6.2477



105.7830, 32.1520, -92.7717



26.6210, 8.0748, -23.3466

Previews

White Background



This preview shows how the YUV color 166.3770, -14.9759, 43.5194 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 166.3770, -14.9759, 43.5194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

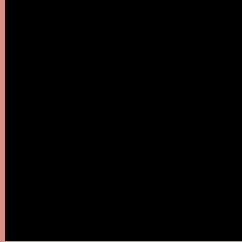
Any Text WCAG AA ✓ Pass

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 166.3770, -14.9759, 43.5194 Background



This preview shows how black text looks on a background with the YUV color 166.3770, -14.9759, 43.5194.



This preview shows how white text looks on a background with the YUV color 166.3770, -14.9759,

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

166.3770, -14.9759, 43.5194

Protanopia

164.2260, -9.4784, 6.8178

Deuteranopia

165.1310, -15.3476, 22.6871



Tritanopia

167.3800, -6.1033, 44.3937

Trichromacy



Original Color

166.3770, -14.9759, 43.5194

Protanomaly

165.1460, -11.4110, 20.0430

Deuteranomaly

165.5880, -15.0799, 30.1793

Tritanomaly

166.8700, -9.3029, 43.9640

Monochromacy



Original Color

166.3770, -14.9759, 43.5194

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

166.0190, -5.4324, 15.7693

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.3770, -14.9759, 43.5194 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, 147, 136)` looks like.

```
.text, #text, p{  
    color:rgb(216, 147, 136)  
}
```

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, 147, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 147, 136) }
```

Border

The CSS property to change the border of an element to YUV 166.3770, -14.9759, 43.5194 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, 147, 136) }
```


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

```
.border{ border-color:rgb(216, 147, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 147, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 147, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 147, 136);  
box-shadow:4px 4px 4px 4px rgb(216, 147,  
136) }
```

Background

The CSS property to change the background color of an element to YUV 166.3770, -14.9759, 43.5194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 147, 136) }
```

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

```
.background{ background-color: rgb(216,  
147, 136) }
```

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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