

Converting Colors

YUV(189.1710, 14.2127,
14.7590)

Have a look what the booklet for
YUV(189.1710, 14.2127, 14.7590)
contains.

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Color

**YUV(189.1710, 14.2127,
14.7590)**

Conversions

Conversions Part 1

Format	Color
Hex	CEAFDA
RGB	206, 175, 218
RGB Percent	81%, 69%, 85%
CMY	0.1922, 0.3137, 0.1451
CMYK	0.06, 0.20, 0.00, 0.15
HSL	283°, 37%, 77%
HSV	283°, 20%, 85%
XYZ	53.4385, 48.8437, 72.9409
YIQ	189.1710, 4.6730, 19.9450

Conversions

Conversions Part 2

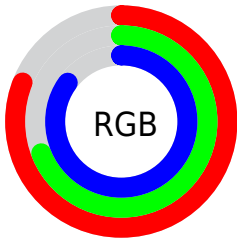
Format	Color
RYB	206, 175, 218
Decimal	13545434
CIELab	75.35, 18.91, -17.49
CIELCh	75, 25.758, 317.229
Yxy	48.8437, 0.3050, 0.2788
Android (android.graphics.Color)	4291735514 (0xFFCEAFDA)
YUV	189.1710, 14.2127, 14.7590
Hunter-Lab	69.8883, 14.1814, -12.9579

Details

The YUV color $189.1710, 14.2127, 14.7590$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $203.8290, -14.2127, -14.7590$, and the grayscale version is $189.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $240.9120, 6.9454, 12.3552$, and $135.3450, 13.6339, 13.7294$ is the 20% darker color. If you saturate the color by 10%, you get $174.4630, 21.4637, 22.3959$, and if you desaturate by 10%, it is $203.8790, 6.9617, 7.1221$.

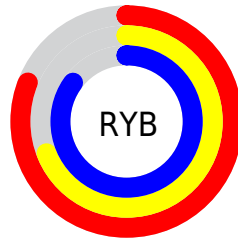
Distribution



Red (81%)

Green (69%)

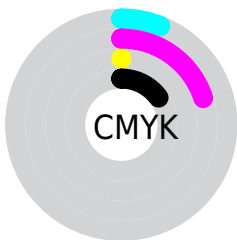
Blue (85%)



Red (81%)

Yellow (69%)

Blue (85%)

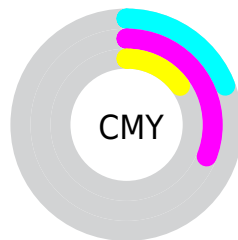


Cyan (6%)

Magenta (20%)

Yellow (0%)

Black (15%)



Cyan (19%)


Magenta (31%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the YUV color 189.1710, 14.2127, 14.7590 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 189.1710, 14.2127, 14.7590 by changing the saturation by 10% instead.


 189.1710, 14.2127,
14.7590


 189.1710, 14.2127,
14.7590


255.0000, 0.0000,
0.0000


 161.7580, 13.9233,
14.2442


 240.9120, 6.9454,
12.3552

 135.3450, 13.6339,
13.7294

 109.9320, 13.3445,
13.2146

 85.4050, 12.6183,
12.7998

 61.9920, 12.3289,
12.2850

 39.7530, 11.4608,
10.7406

 17.4650, 11.6028,

11.8702

■ 2.8670, 8.4466,
-2.5144

■ 0.0000, 0.0000,
0.0000

■ 189.1710, 14.2127,
14.7590

■ 189.1710, 14.2127,
14.7590

■ 174.4630, 21.4637,
22.3959

■ 203.8790, 6.9617,
7.1221

■ 159.7550, 28.7148,
30.0329

■ 218.5870, -0.2894,
-0.5148

■ 145.6340, 35.6764,
37.1550

■ 232.7080, -7.2510,
-7.6369

■ 130.9260, 42.9275,
44.7919

■ 243.3070,
-12.4764, -11.6702

■ 116.2180, 50.1785,
52.4288

■ 245.1010,
-13.3608, -7.9816

■ 101.2110, 57.5770,
59.4510

■ 247.1940,
-14.3926, -3.6781

■ 86.5030, 64.8280,
67.0879

■ 248.9880,
-15.2771, 0.0105

■ 72.3820, 71.7897,
74.2100

■ 250.7820,
-16.1615, 3.6992

■ 71.7950, 72.0791,
74.7248

Harmonies

Analogous

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



186.3790, 21.9982, -9.1024



189.1710, 14.2127, 14.7590



189.5340, 3.6807, 32.8577

Triad

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



189.1710, 14.2127, 14.7590



185.8940, -22.6257, 23.7720



175.0800, 11.7926, -49.1822

Complementary

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



189.1710, 14.2127, 14.7590



203.8290, -14.2127, -14.7590

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.



176.7260, -1.3439, -35.7167



189.1710, 14.2127, 14.7590



182.8270, -21.1137, 5.4137

Square

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



189.1710, 14.2127, 14.7590



187.3500, -17.4275, 36.5271



180.3450, -13.4811, -16.0886



176.0120, 21.6861, -49.1225

Rectangle

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



189.1710, 14.2127, 14.7590



188.9170, -3.9031, 38.6608



180.3450, -13.4811, -16.0886



175.3640, 7.7085, -45.9232

Sweetspot

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



189.1710, 14.2127, 14.7590



244.9990, 4.9305, 5.2629



186.9460, 15.3096, -10.4766



121.8200, 3.0467, 2.7889



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.



189.1710, 14.2127, 14.7590



214.1100, 20.1588, 20.9515



191.7330, 8.5126, 23.0362



102.6460, 3.6255, 3.8185



57.0970, 57.1402, 59.5509



15.1110, 15.2283, 15.6887

Inverse Universe

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



189.2250, -1.0969, 25.2357



214.1770, -1.5663, 35.8018



201.2670, -8.5126, -23.0362



102.6310, -0.3111, 6.4626



57.1990, -4.5351, 101.5575



15.2360, -1.1023, 26.9800

Previews

White Background



This preview shows how the YUV color 189.1710, 14.2127, 14.7590 looks on a white background.

Color Contrast Check

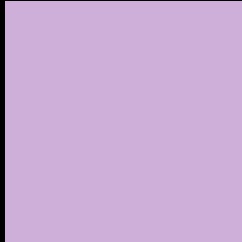
Large Text (above 18pt) WCAG AA × Fail

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 189.1710, 14.2127, 14.7590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

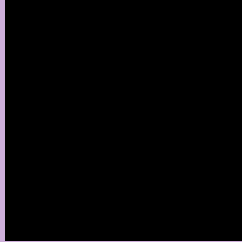
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 189.1710, 14.2127, 14.7590

Background



This preview shows how black text looks on a background with the YUV color 189.1710, 14.2127, 14.7590.



This preview shows how white text looks on a background with the YUV color 189.1710, 14.2127, 14.7590.

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

189.1710, 14.2127, 14.7590

Protanopia

186.4670, 18.5038, -8.3026

Deuteranopia

187.4960, 14.5455, 1.3190



Tritanopia

187.4730, 2.7248, 12.7402

Trichromacy



Original Color

189.1710, 14.2127, 14.7590

Protanomaly

187.7670, 16.8769, 0.2043

Deuteranomaly

188.1160, 14.2398, 6.0373

Tritanomaly

188.2110, 6.7980, 12.9700

Monochromacy



Original Color

189.1710, 14.2127, 14.7590

Achromatopsia

189.0000, 0.0000, 0.0000

Achromatomaly

189.1130, 5.3673, 5.1629

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.1710, 14.2127, 14.7590 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(206, 175, 218)` looks like.

```
.text, #text, p{  
    color:rgb(206, 175, 218)  
}
```

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(206, 175, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 175, 218) }
```

Border

The CSS property to change the border of an element to YUV 189.1710, 14.2127, 14.7590 is called "border". The border property can be set on classes, ids or directly on the HTML element.

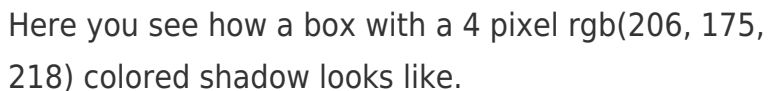
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(206, 175, 218) }
```


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

```
.border{ border-color:rgb(206, 175, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(206, 175, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 175, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 175, 218);  
box-shadow:4px 4px 4px 4px rgb(206, 175,  
218) }
```

Background

The CSS property to change the background color of an element to YUV 189.1710, 14.2127, 14.7590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 175, 218) }
```

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

```
.background{ background-color: rgb(206,  
175, 218) }
```

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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