

Converting Colors

YUV(189.4670, 8.6438, 27.6544)

Have a look what the booklet for
YUV(189.4670, 8.6438, 27.6544)
contains.

YUV(189.4670, 8.6438, 27.6544)	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(189.4670, 8.6438,
27.6544)**

Conversions

Conversions Part 1

Format	Color
Hex	DDAACF
RGB	221, 170, 207
RGB Percent	87%, 67%, 81%
CMY	0.1333, 0.3333, 0.1882
CMYK	0.00, 0.23, 0.06, 0.13
HSL	316°, 43%, 77%
HSV	316°, 23%, 87%
XYZ	55.4560, 48.6266, 65.4945
YIQ	189.4670, 18.5190, 22.3190

Conversions

Conversions Part 2

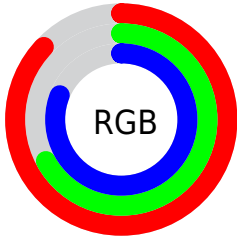
Format	Color
R _Y B	221, 170, 207
Decimal	14527183
CIE Lab	75.22, 24.62, -11.56
CIE LCh	75, 27.198, 334.859
Yxy	48.6266, 0.3270, 0.2868
Android (android.graphics.Color)	4292717263 (0xFFDDAACF)
YUV	189.4670, 8.6438, 27.6544
Hunter-Lab	69.7328, 19.9224, -6.8735

Details

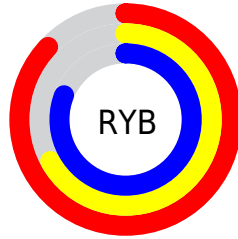
The YUV color **189.4670, 8.6438, 27.6544** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **201.5330, -8.6438, -27.6544**, and the grayscale version is **189.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **237.9770, 8.3923, 14.9292**, and **135.4560, 8.6492, 25.9101** is the 20% darker color. If you saturate the color by 10%, you get **175.8690, 12.3896, 39.5799**, and if you desaturate by 10%, it is **203.0650, 4.8980, 15.7290**.

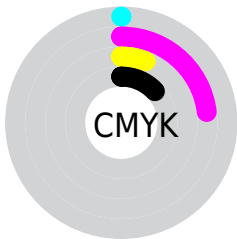
Distribution



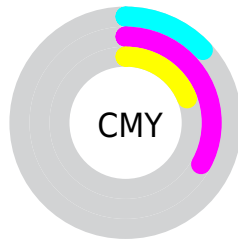
- Red (87%)
- Green (67%)
- Blue (81%)



- Red (87%)
- Yellow (67%)
- Blue (81%)



- Cyan (0%)
- Magenta (23%)
- Yellow (6%)
- Black (13%)



- Cyan (13%)
- Magenta (33%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.4670, 8.6438, 27.6544 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 189.4670, 8.6438, 27.6544 by changing the saturation by 10% instead.

 189.4670, 8.6438,
27.6544


 189.4670, 8.6438,
27.6544

255.0000, 0.0000,
0.0000


 162.0540, 8.3544,
27.1396


 237.9770, 8.3923,
14.9292


 135.4560, 8.6492,
25.9101

 254.4130, 0.2894,
0.5148

 110.0430, 8.3598,
25.3953

 85.3310, 8.2178,
24.2657

 61.6190, 8.0758,
23.1361

 38.6080, 8.0813,
21.3918

 16.0210, 8.3706,

21.9066

■ 3.0050, 2.4625,
3.5036

■ 0.0000, 0.0000,
0.0000

■ 189.4670, 8.6438,
27.6544

■ 189.4670, 8.6438,
27.6544

■ 175.8690, 12.3896,
39.5799

■ 203.0650, 4.8980,
15.7290

■ 162.2710, 16.1354,
51.5053

■ 216.6630, 1.1521,
3.8035

■ 148.6730, 19.8812,
63.4308

■ 230.2610, -2.5937,
-8.1219

■ 135.0750, 23.6270,
75.3562

■ 242.0980, -5.4713,
-18.5029

120.8900, 27.6622,
87.7965

242.7820, -2.8505,
-19.1028

107.2920, 31.4080,
99.7219

243.4660, -0.2297,
-19.7027

93.6940, 35.1539,
111.6474

244.1500, 2.3910,
-20.3026

84.3190, 37.3107,
119.8692

244.8340, 5.0118,
-20.9024

Harmonies

Analogous

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



187.6690, 18.8972, 5.5523



189.4670, 8.6438, 27.6544



189.0420, -3.4717, 40.3052

Triad

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



189.4670, 8.6438, 27.6544



183.7850, -24.0510, 14.2206



173.6970, 19.3764, -54.9853

Complementary

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



189.4670, 8.6438, 27.6544



201.5330, -8.6438, -27.6544

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.



173.9400, 7.4246, -48.1824



189.4670, 8.6438, 27.6544



180.5480, -18.0182, -7.4966

Square

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



189.4670, 8.6438, 27.6544



185.7640, -22.0687, 31.7790



176.9780, -6.8912, -29.7987



178.0710, 25.6010, -44.7893

Rectangle

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



189.4670, 8.6438, 27.6544



187.9900, -11.3341, 42.1048



176.9780, -6.8912, -29.7987



173.3720, 15.5926, -54.7002

Sweetspot

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



189.4670, 8.6438, 27.6544



243.8640, 3.0250, 9.7663



180.0000, 20.2130, 3.5080



121.2010, 1.8729, 5.9627



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.



189.4670, 8.6438, 27.6544



211.0430, 11.8108, 38.5503



186.6170, -2.2762, 30.1539



103.2010, 1.8729, 5.9627



66.0910, 29.5351, 93.7592



17.5160, 7.6336, 24.9805

Inverse Universe

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



189.4670, 8.6438, 27.6544



211.0430, 11.8108, 38.5503



204.3830, 2.2762, -30.1539



103.2010, 1.8729, 5.9627



66.0910, 29.5351, 93.7592



17.5160, 7.6336, 24.9805

Previews

White Background



This preview shows how the YUV color 189.4670, 8.6438, 27.6544 looks on a white background.

Color Contrast Check

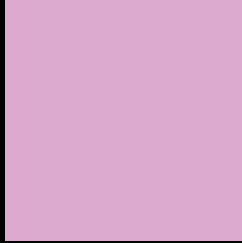
Large Text (above 18pt) WCAG AA × Fail

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 189.4670, 8.6438, 27.6544 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

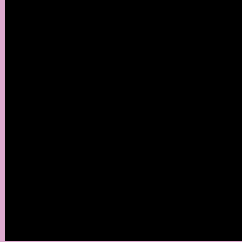
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 189.4670, 8.6438, 27.6544

Background



This preview shows how black text looks on a background with the YUV color 189.4670, 8.6438, 27.6544.



This preview shows how white text looks on a background with the YUV color 189.4670, 8.6438,

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

189.4670, 8.6438, 27.6544

Protanopia

186.4520, 14.5672, -5.6584

Deuteranopia

187.0360, 8.8563, 6.1074



Tritanopia

188.6380, -0.8075, 25.7505

Trichromacy



Original Color

189.4670, 8.6438, 27.6544

Protanomaly

187.6600, 12.4926, 6.4372

Deuteranomaly

187.7920, 8.9765, 14.2144

Tritanomaly

189.1480, 2.3920, 26.1802

Monochromacy



Original Color

189.4670, 8.6438, 27.6544

Achromatopsia

189.0000, 0.0000, 0.0000

Achromatomaly

189.2770, 3.3144, 10.2811

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.4670, 8.6438, 27.6544 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(221, 170, 207)` looks like.

```
.text, #text, p{  
    color:rgb(221, 170, 207)  
}
```

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(221, 170, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 170, 207) }
```

Border

The CSS property to change the border of an element to YUV 189.4670, 8.6438, 27.6544 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(221, 170, 207) }
```


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

```
.border{ border-color:rgb(221, 170, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 170, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 170, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 170, 207);  
box-shadow:4px 4px 4px 4px rgb(221, 170,  
207) }
```

Background

The CSS property to change the background color of an element to YUV 189.4670, 8.6438, 27.6544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 170, 207) }
```

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

```
.background{ background-color: rgb(221,  
170, 207) }
```

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