

Converting Colors

YUV(188.6100, 1.6713, 24.0210)

Have a look what the booklet for
YUV(188.6100, 1.6713, 24.0210)
contains.

YUV(188.6100, 1.6713, 24.0210)	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(188.6100, 1.6713,
24.0210)**

Conversions

Conversions Part 1

Format	Color
Hex	D8AEC0
RGB	216, 174, 192
RGB Percent	85%, 68%, 75%
CMY	0.1529, 0.3176, 0.2471
CMYK	0.00, 0.19, 0.11, 0.15
HSL	334°, 35%, 76%
HSV	334°, 19%, 85%
XYZ	52.9694, 48.6768, 56.4729
YIQ	188.6100, 19.2540, 14.5020

Conversions

Conversions Part 2

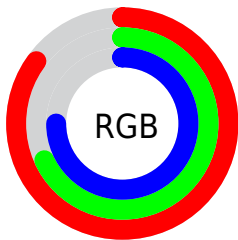
Format	Color
R _Y B	216, 174, 192
Decimal	14200512
CIE Lab	75.25, 18.15, -3.36
CIE LCh	75, 18.455, 349.500
Yxy	48.6768, 0.3350, 0.3078
Android (android.graphics.Color)	4292390592 (0xFFD8AEC0)
YUV	188.6100, 1.6713, 24.0210
Hunter-Lab	69.7688, 13.4243, 0.8470

Details

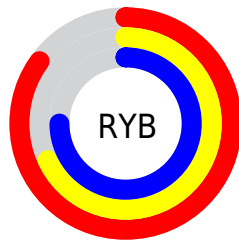
The YUV color **188.6100, 1.6713, 24.0210** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **201.3900, -1.6713, -24.0210**, and the grayscale version is **189.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **239.5270, 4.1772, 13.5698**, and **135.0120, 1.9661, 22.7915** is the 20% darker color. If you saturate the color by 10%, you get **174.3280, 2.7963, 36.5463**, and if you desaturate by 10%, it is **202.8920, 0.5462, 11.4957**.

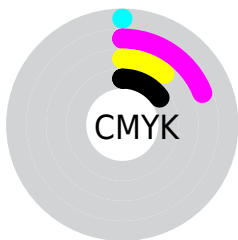
Distribution



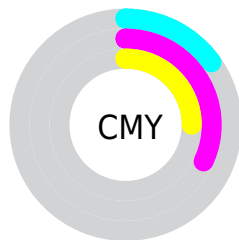
- Red (85%)
- Green (68%)
- Blue (75%)



- Red (85%)
- Yellow (68%)
- Blue (75%)



- Cyan (0%)
- Magenta (19%)
- Yellow (11%)
- Black (15%)



- Cyan (15%)
- Magenta (32%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the YUV color 188.6100, 1.6713, 24.0210 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 188.6100, 1.6713, 24.0210 by changing the saturation by 10% instead.


 188.6100, 1.6713,
24.0210

 188.6100, 1.6713,
24.0210


255.0000, 0.0000,
0.0000


 161.3110, 1.8187,
23.4063


 239.5270, 4.1772,
13.5698

 135.0120, 1.9661,
22.7915

 109.3000, 1.8241,
21.6619

 85.0010, 1.9715,
21.0471

 61.2890, 1.8295,
19.9175

 39.2780, 1.8349,
18.1732

 16.9190, 2.9979,

18.4880

■ 0.0000, 0.0000,
0.0000

■ 188.6100, 1.6713,
24.0210

■ 188.6100, 1.6713,
24.0210

■ 174.3280, 2.7963,
36.5463

■ 202.8920, 0.5462,
11.4957

■ 160.5190, 3.1951,
48.6568

■ 216.7010, 0.1474,
-0.6148

■ 146.2370, 4.3202,
61.1822

■ 230.9830, -0.9776,
-13.1401

■ 132.5420, 5.1558,
73.1927

■ 241.7430, -0.3663,
-22.5766

■ 118.1460, 5.8440,
85.8180

■ 243.2250, 5.3121,
-23.8763

■ 103.8640, 6.9690,
98.3433

■ 243.3390, 5.7489,
-23.9763

■ 90.1690, 7.8047,
110.3538

■ 75.7730, 8.4929,
122.9791

■ 75.1860, 8.7823,
123.4939

Harmonies

Analogous

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



188.5960, 9.5662, 11.7553



188.6100, 1.6713, 24.0210



188.1670, -6.4913, 28.7945

Triad

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



188.6100, 1.6713, 24.0210



183.7110, -15.1405, 2.8845



180.1020, 15.2327, -32.5385

Complementary

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



188.6100, 1.6713, 24.0210



201.3900, -1.6713, -24.0210

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.



178.6690, 8.5442, -33.9127



188.6100, 1.6713, 24.0210



181.2190, -8.9820, -12.4701

Square

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



188.6100, 1.6713, 24.0210



185.1580, -16.3469, 16.5244



179.7210, -0.3555, -26.0653



183.3360, 17.0894, -21.3427

Rectangle

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



188.6100, 1.6713, 24.0210



187.4890, -11.5801, 27.6351



179.7210, -0.3555, -26.0653



179.5210, 13.0541, -33.7829

Sweetspot

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



188.6100, 1.6713, 24.0210



245.1690, 0.4097, 8.6218



185.9640, 14.8077, 10.5556



122.0330, -0.0163, 5.2331



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.



188.6100, 1.6713, 24.0210



216.4910, 2.2229, 33.7724



188.3190, -7.0593, 24.2762



99.8590, 0.5625, 6.2627



59.4510, 6.6797, 97.8285



15.0230, 1.9607, 24.5358

Inverse Universe

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



188.6100, 1.6713, 24.0210



216.4910, 2.2229, 33.7724



201.6810, 7.0593, -24.2762



99.8590, 0.5625, 6.2627



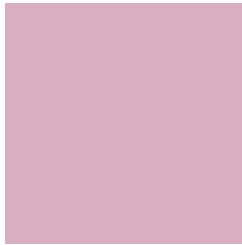
59.4510, 6.6797, 97.8285



15.0230, 1.9607, 24.5358

Previews

White Background



This preview shows how the YUV color 188.6100, 1.6713, 24.0210 looks on a white background.

Color Contrast Check

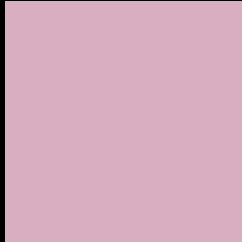
Large Text (above 18pt) WCAG AA × Fail

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 188.6100, 1.6713, 24.0210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

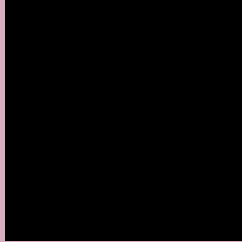
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 188.6100, 1.6713, 24.0210

Background



This preview shows how black text looks on a background with the YUV color 188.6100, 1.6713, 24.0210.



This preview shows how white text looks on a background with the YUV color 188.6100, 1.6713,

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

188.6100, 1.6713, 24.0210

Protanopia

185.8950, 5.9678, -0.7849

Deuteranopia

187.5330, 1.7092, 11.8106



Tritanopia

188.7410, -0.3653, 23.9061

Trichromacy



Original Color

188.6100, 1.6713, 24.0210

Protanomaly

186.6080, 4.6303, 8.2368

Deuteranomaly

187.8540, 1.5510, 15.9140

Tritanomaly

188.8550, 0.0715, 23.8062

Monochromacy



Original Color

188.6100, 1.6713, 24.0210

Achromatopsia

189.0000, 0.0000, 0.0000

Achromatomaly

189.1690, 0.4097, 8.6218

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.6100, 1.6713, 24.0210 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, 174, 192)` looks like.

```
.text, #text, p{  
    color:rgb(216, 174, 192)  
}
```

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, 174, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 174, 192) }
```

Border

The CSS property to change the border of an element to YUV 188.6100, 1.6713, 24.0210 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, 174, 192) }
```


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

```
.border{ border-color:rgb(216, 174, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 174, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 174, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 174, 192);  
box-shadow:4px 4px 4px 4px rgb(216, 174,  
192) }
```

Background

The CSS property to change the background color of an element to YUV 188.6100, 1.6713, 24.0210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 174, 192) }
```

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

```
.background{ background-color: rgb(216,  
174, 192) }
```

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