

Converting Colors

YUV(166.3720, -0.6764,
30.3688)

Have a look what the booklet for
YUV(166.3720, -0.6764, 30.3688)
contains.

YUV(166.3720, -0.6764, 30.3688)	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(166.3720, -0.6764,
30.3688)**

Conversions

Conversions Part 1

Format	Color
Hex	C995A5
RGB	201, 149, 165
RGB Percent	79%, 58%, 65%
CMY	0.2118, 0.4157, 0.3529
CMYK	0.00, 0.26, 0.18, 0.21
HSL	342°, 32%, 69%
HSV	342°, 26%, 79%
XYZ	41.6264, 36.6290, 40.4735
YIQ	166.3720, 25.8560, 16.0000

Conversions

Conversions Part 2

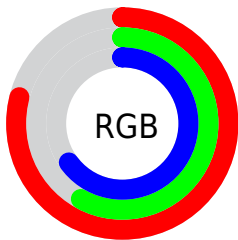
Format	Color
R _Y B	201, 149, 165
Decimal	13211045
CIE Lab	67.00, 21.96, -0.70
CIE LCh	67, 21.968, 358.166
Yxy	36.6290, 0.3506, 0.3085
Android (android.graphics.Color)	4291401125 (0xFFC995A5)
YUV	166.3720, -0.6764, 30.3688
Hunter-Lab	60.5219, 16.8572, 2.7157

Details

The YUV color $166.3720, -0.6764, 30.3688$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $183.6280, 0.6764, -30.3688$, and the grayscale version is $166.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $220.4860, -0.2396, 30.2688$, and $114.0620, -0.5236, 28.0096$ is the 20% darker color. If you saturate the color by 10%, you get $153.0360, -1.0037, 42.0644$, and if you desaturate by 10%, it is $179.7080, -0.3490, 18.6731$.

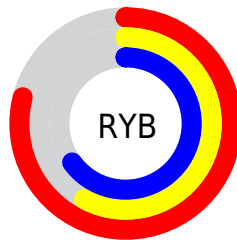
Distribution



Red (79%)

Green (58%)

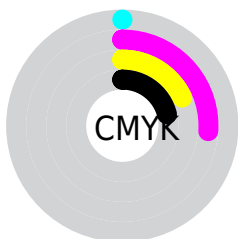
Blue (65%)



Red (79%)

Yellow (58%)

Blue (65%)

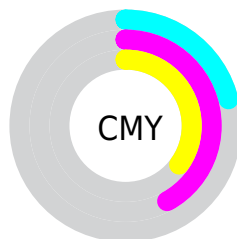


Cyan (0%)

Magenta (26%)

Yellow (18%)

Black (21%)



Cyan (21%)


Magenta (42%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.3720, -0.6764, 30.3688 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 166.3720, -0.6764, 30.3688 by changing the saturation by 10% instead.


 166.3720, -0.6764,
30.3688


 166.3720, -0.6764,
30.3688


255.0000, 0.0000,
0.0000

 139.7740, -0.3816,
29.1392


 220.4860, -0.2396,
30.2688

 114.0620, -0.5236,
28.0096

 240.7010, 3.5984,
12.5402

 89.4640, -0.2288,
26.7801

 64.9800, 0.5029,
25.4505

 42.2680, 0.3609,
24.3210

 19.8980, 1.5293,
22.8915

 5.9800, -2.9481,

12.2955

■ 0.0000, 0.0000,
0.0000

■ 166.3720, -0.6764,
30.3688

■ 166.3720, -0.6764,
30.3688

■ 153.0360, -1.0037,
42.0644

■ 179.7080, -0.3490,
18.6731

■ 139.7000, -1.3311,
53.7601

■ 193.0440, -0.0217,
6.9774

■ 126.3640, -1.6585,
65.4558

■ 206.3800, 0.3057,
-4.7183

■ 113.0280, -1.9858,
77.1514

■ 219.7160, 0.6330,
-16.4139

■ 99.6920, -2.3132,
88.8471

■ 233.6390, 0.6710,
-28.6244

■ 85.8830, -1.9143,
100.9576

■ 238.0560, 4.9024,
-32.4981

■ 72.5470, -2.2417,
112.6533

■ 238.8540, 7.9600,
-33.1980

■ 67.1670, -2.5473,
117.3715

Harmonies

Analogous

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



166.4120, 8.6709, 18.9327



166.3720, -0.6764, 30.3688



165.2770, -9.9966, 33.0831

Triad

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



166.3720, -0.6764, 30.3688



159.8630, -15.7085, -1.6339



157.1060, 19.1747, -36.9270

Complementary

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



166.3720, -0.6764, 30.3688



183.6280, 0.6764, -30.3688

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.



154.7650, 12.9339, -41.8899



166.3720, -0.6764, 30.3688



157.5170, -7.6499, -19.7474

Square

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



166.3720, -0.6764, 30.3688



162.1640, -18.8149, 14.7652



155.1760, 2.8712, -34.3574



161.1450, 20.1415, -20.2982

Rectangle

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



166.3720, -0.6764, 30.3688



164.5880, -15.0799, 30.1793



155.1760, 2.8712, -34.3574



155.7420, 17.8752, -40.1157

Sweetspot

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



166.3720, -0.6764, 30.3688



241.6640, -0.3274, 11.6957



165.6920, 17.4068, 16.9331



119.3430, -0.1691, 7.5922



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.



166.3720, -0.6764, 30.3688



202.3570, -1.1620, 46.1679



170.4180, -10.5591, 26.8204



93.0330, -0.0163, 5.2331



54.4370, -2.1874, 95.2098



12.0180, -0.5019, 21.0322

Inverse Universe

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



166.3720, -0.6764, 30.3688



202.3570, -1.1620, 46.1679



179.5820, 10.5591, -26.8204



93.0330, -0.0163, 5.2331



54.4370, -2.1874, 95.2098



12.0180, -0.5019, 21.0322

Previews

White Background



This preview shows how the YUV color 166.3720, -0.6764, 30.3688 looks on a white background.

Color Contrast Check

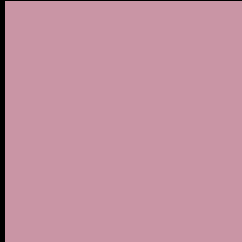
Large Text (above 18pt) WCAG AA × Fail

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 166.3720, -0.6764, 30.3688 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

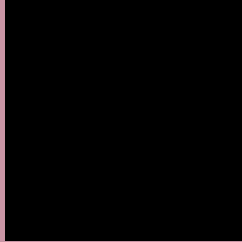
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 166.3720, -0.6764, 30.3688

Background



This preview shows how black text looks on a background with the YUV color 166.3720, -0.6764, 30.3688.



This preview shows how white text looks on a background with the YUV color 166.3720, -0.6764,

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

166.3720, -0.6764, 30.3688

Protanopia

163.5530, 4.6574, -0.4850

Deuteranopia

164.8490, -0.9116, 12.4104



Tritanopia

166.5030, -2.7130, 30.2539

Trichromacy



Original Color

166.3720, -0.6764, 30.3688

Protanomaly

164.4620, 2.7302, 10.9958

Deuteranomaly

165.5940, -0.7858, 18.7731

Tritanomaly

166.6170, -2.2762, 30.1539

Monochromacy



Original Color

166.3720, -0.6764, 30.3688

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

166.3650, -0.1799, 11.0809

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.3720, -0.6764, 30.3688 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(201, 149, 165)` looks like.

```
.text, #text, p{  
    color:rgb(201, 149, 165)  
}
```

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(201, 149, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 149, 165) }
```

Border

The CSS property to change the border of an element to YUV 166.3720, -0.6764, 30.3688 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(201, 149, 165) }
```


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

```
.border{ border-color:rgb(201, 149, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 149, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 149, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 149, 165);  
box-shadow:4px 4px 4px 4px rgb(201, 149,  
165) }
```

Background

The CSS property to change the background color of an element to YUV 166.3720, -0.6764, 30.3688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 149, 165) }
```

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

```
.background{ background-color: rgb(201,  
149, 165) }
```

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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