

Converting Colors

YUV(173.6670, -8.2168,
22.2170)

Have a look what the booklet for
YUV(173.6670, -8.2168, 22.2170)
contains.

YUV(173.6670, -8.2168, 22.2170)	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(173.6670, -8.2168,
22.2170)**

Conversions

Conversions Part 1

Format	Color
Hex	C7A49D
RGB	199, 164, 157
RGB Percent	78%, 64%, 62%
CMY	0.2196, 0.3569, 0.3843
CMYK	0.00, 0.18, 0.21, 0.22
HSL	10°, 27%, 70%
HSV	10°, 21%, 78%
XYZ	42.9145, 41.1274, 37.5748
YIQ	173.6670, 23.1070, 5.2430

Conversions

Conversions Part 2

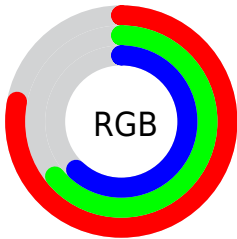
Format	Color
R_{YB}	199, 165, 157
Decimal	13083805
CIE _{Lab}	70.27, 11.75, 8.45
CIE _{LCh}	70, 14.472, 35.717
Yxy	41.1274, 0.3529, 0.3382
Android (android.graphics.Color)	4291273885 (0xFFC7A49D)
YUV	173.6670, -8.2168, 22.2170
Hunter-Lab	64.1306, 7.2187, 10.1528

Details

The YUV color $173.6670, -8.2168, 22.2170$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $182.3330, 8.2168, -22.2170$, and the grayscale version is $174.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $228.9660, -8.3642, 22.8318$, and $121.1830, -7.4852, 20.8875$ is the 20% darker color. If you saturate the color by 10%, you get $161.4080, -12.0331, 32.9682$, and if you desaturate by 10%, it is $185.9260, -4.4005, 11.4659$.

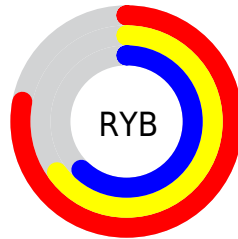
Distribution



Red (78%)

Green (64%)

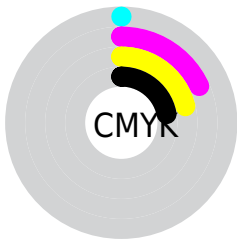
Blue (62%)



Red (78%)

Yellow (65%)

Blue (62%)

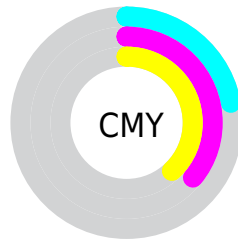


Cyan (0%)

Magenta (18%)

Yellow (21%)

Black (22%)



Cyan (22%)

Magenta (36%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.6670, -8.2168, 22.2170 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 173.6670, -8.2168, 22.2170 by changing the saturation by 10% instead.


 173.6670, -8.2168,
22.2170


 173.6670, -8.2168,
22.2170


255.0000, 0.0000,
0.0000


 147.0690, -7.9220,
20.9875


 228.9660, -8.3642,
22.8318


 121.1830, -7.4852,
20.8875

 249.1810, -4.5262,
5.1033

 96.2860, -7.0430,
19.0432

 72.1010, -6.4588,
18.3284

 49.5030, -6.1640,
17.0989

 27.9050, -5.8692,
15.8693

 7.4750, -3.6852,

15.3694

■ 0.0000, 0.0000,
0.0000

■ 173.6670, -8.2168,
22.2170

■ 173.6670, -8.2168,
22.2170

■ 161.4080,
-12.0331, 32.9682

■ 185.9260, -4.4005,
11.4659

■ 149.7360,
-16.1388, 43.2045

■ 197.5980, -0.2948,
1.2296

■ 137.4770,
-19.9552, 53.9557

■ 209.8570, 3.5215,
-9.5216

■ 125.8050,
-24.0609, 64.1920

■ 221.5290, 7.6272,
-19.7579

■ 113.6600,
-27.4404, 74.8432

■ 233.5600, 10.5699,
-30.3091

■ 101.9880,
-31.5461, 85.0795

■ 238.2560, 8.2548,
-34.4275

■ 89.7290, -35.3624,
95.8307

■ 78.8720, -38.8839,
105.3523

Harmonies

Analogous

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



174.5620, -2.2491, 21.4321



173.6670, -8.2168, 22.2170



172.3090, -11.9843, 17.2690

Triad

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



173.6670, -8.2168, 22.2170



168.2770, -3.5876, -16.0289



171.6750, 12.9782, -9.3620

Complementary

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



173.6670, -8.2168, 22.2170



182.3330, 8.2168, -22.2170

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.



169.1960, 12.7214, -20.3429



173.6670, -8.2168, 22.2170



167.3560, 3.2755, -23.9912

Square

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



173.6670, -8.2168, 22.2170



169.7470, -9.7353, -4.1631



167.6530, 9.5381, -26.0057



173.5410, 9.5933, 3.0335

Rectangle

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



173.6670, -8.2168, 22.2170



171.4500, -12.5468, 11.0064



167.6530, 9.5381, -26.0057



170.4680, 13.5733, -13.5654

Sweetspot

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



173.6670, -8.2168, 22.2170



245.6590, -2.7899, 8.1921



173.5480, 9.0968, 22.3214



122.2780, -1.6161, 5.0182



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.



173.6670, -8.2168, 22.2170



216.5930, -12.6173, 33.6829



185.9940, -14.2940, 11.4063



93.2780, -1.6161, 5.0182



64.5860, -31.8409, 86.3091



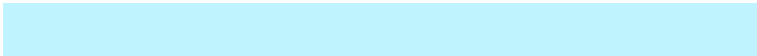
14.2860, -7.0430, 19.0432

Inverse Universe

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



182.3330, 8.2168, -22.2170



229.4070, 12.6173, -33.6829



170.0060, 14.2940, -11.4063



95.7220, 1.6161, -5.0182



98.4140, 31.8409, -86.3091



21.7140, 7.0430, -19.0432

Previews

White Background



This preview shows how the YUV color 173.6670, -8.2168, 22.2170 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 173.6670, -8.2168, 22.2170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

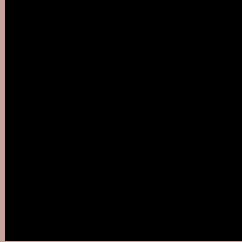
Any Text WCAG AA ✓ Pass

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 173.6670, -8.2168, 22.2170 Background



This preview shows how black text looks on a background with the YUV color 173.6670, -8.2168, 22.2170.



This preview shows how white text looks on a background with the YUV color 173.6670, -8.2168,

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

173.6670, -8.2168, 22.2170

Protanopia

171.9530, -5.3998, 5.3032

Deuteranopia

173.3460, -8.0586, 18.1136



Tritanopia

174.4420, -0.2179, 23.2914

Trichromacy



Original Color

173.6670, -8.2168, 22.2170

Protanomaly

172.4700, -6.1477, 11.8658

Deuteranomaly

173.3570, -8.0640, 19.8579

Tritanomaly

174.0460, -2.9807, 22.7617

Monochromacy



Original Color

173.6670, -8.2168, 22.2170

Achromatopsia

174.0000, 0.0000, 0.0000

Achromatomaly

173.6590, -2.7899, 8.1921

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.6670, -8.2168, 22.2170 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(199, 164, 157)` looks like.

```
.text, #text, p{  
    color:rgb(199, 164, 157)  
}
```

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(199, 164, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 164, 157) }
```

Border

The CSS property to change the border of an element to YUV 173.6670, -8.2168, 22.2170 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(199, 164, 157) }
```


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

```
.border{ border-color:rgb(199, 164, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 164, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 164, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 164, 157);  
box-shadow:4px 4px 4px 4px rgb(199, 164,  
157) }
```

Background

The CSS property to change the background color of an element to YUV 173.6670, -8.2168, 22.2170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 164, 157) }
```

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

```
.background{ background-color: rgb(199,  
164, 157) }
```

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