

Converting Colors

YUV(179.7670, -20.0981,
6.3433)

Have a look what the booklet for
YUV(179.7670, -20.0981, 6.3433)
contains.

YUV(179.7670, -20.0981, 6.3433)	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(179.7670, -20.0981,
6.3433)**

Conversions

Conversions Part 1

Format	Color
Hex	BBB88B
RGB	187, 184, 139
RGB Percent	73%, 72%, 55%
CMY	0.2667, 0.2784, 0.4549
CMYK	0.00, 0.02, 0.26, 0.27
HSL	56°, 26%, 64%
HSV	56°, 26%, 73%
XYZ	42.2942, 46.7099, 31.2129
YIQ	179.7670, 16.2330, -13.3590

Conversions

Conversions Part 2

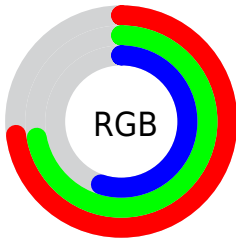
Format	Color
R_YB	142, 187, 139
Decimal	12302475
CIE _{Lab}	74.00, -6.22, 23.31
CIE _{LCh}	74, 24.123, 104.948
Yxy	46.7099, 0.3518, 0.3885
Android (android.graphics.Color)	4290492555 (0xFFBBB88B)
YUV	179.7670, -20.0981, 6.3433
Hunter-Lab	68.3446, -9.1406, 20.7636

Details

The YUV color $179.7670, -20.0981, 6.3433$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $146.2330, 20.0981, -6.3433$, and the grayscale version is $180.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $235.8380, -21.1191, 7.1581$, and $126.8100, -18.6403, 5.4286$ is the 20% darker color. If you saturate the color by 10%, you get $177.0140, -28.1079, 8.7577$, and if you desaturate by 10%, it is $182.5200, -12.0884, 3.9290$.

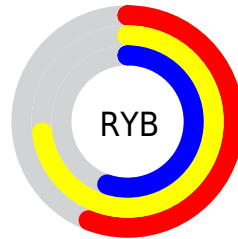
Distribution



Red (73%)

Green (72%)

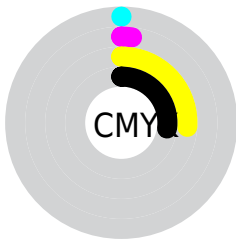
Blue (55%)



Red (56%)

Yellow (73%)

Blue (55%)

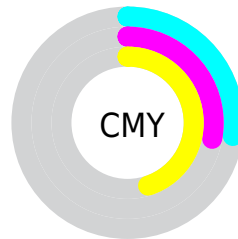


Cyan (0%)

Magenta (2%)

Yellow (26%)

Black (27%)



Cyan (27%)

Magenta (28%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 179.7670, -20.0981, 6.3433 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 179.7670, -20.0981, 6.3433 by changing the saturation by 10% instead.

■ 179.7670,
-20.0981, 6.3433

■ 179.7670,
-20.0981, 6.3433

255.0000, 0.0000,
0.0000

■ 152.8810,
-19.6613, 6.2434

■ 235.8380,
-21.1191, 7.1581

■ 126.8100,
-18.6403, 5.4286

■ 251.1240,
-14.8511, 3.3993

■ 101.9240,
-18.2035, 5.3287

■ 254.3160, -2.6208,
0.5999

■ 77.7390, -17.6193,
4.6139

■ 54.6680, -16.5983,
3.7992

■ 33.0810, -16.3089,
4.3140

■ 11.7730, -5.8041,

-5.0629

■ 0.0000, 0.0000,
0.0000

■ 179.7670,
-20.0981, 6.3433

■ 179.7670,
-20.0981, 6.3433

■ 177.0140,
-28.1079, 8.7577

■ 182.5200,
-12.0884, 3.9290

■ 174.3750,
-35.6809, 11.0721

■ 185.1590, -4.5154,
1.6146

■ 171.0350,
-43.4013, 14.0013

■ 188.4990, 3.2050,
-1.3146

■ 168.2820,
-51.4110, 16.4157

■ 191.2520, 11.2148,
-3.7290

■ 165.5290,
-59.4208, 18.8301

■ 193.8910, 18.7877,
-6.0434

■ 162.8900,
-66.9938, 21.1445

■ 196.6440, 26.7975,
-8.4578

■ 160.1370,
-75.0035, 23.5589

■ 197.6870, 28.2553,
-9.3725

■ 158.6380,
-78.2085, 24.8735

■ 198.2740, 27.9659,
-9.8873

■ 199.4480, 27.3871,
-10.9169

Harmonies

Analogous

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



182.3500, -20.8785, 23.3721



179.7670, -20.0981, 6.3433



177.0680, -13.3445, -13.2146

Triad

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



179.7670, -20.0981, 6.3433



173.0510, 19.2019, -45.6487



185.6260, 4.1284, 29.2690

Complementary

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



179.7670, -20.0981, 6.3433



146.2330, 20.0981, -6.3433

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.



185.3340, 13.6393, 11.9851



179.7670, -20.0981, 6.3433



177.4640, 22.9422, -31.9789

Square

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



179.7670, -20.0981, 6.3433



172.5320, 9.5977, -45.1936



182.3250, 20.5458, -9.9320



184.8090, -6.8078, 37.0015

Rectangle

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



179.7670, -20.0981, 6.3433



175.1140, -6.4652, -26.4100



182.3250, 20.5458, -9.9320



186.1030, 7.3442, 24.4657

Sweetspot

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



179.7670, -20.0981, 6.3433



239.2470, -8.0098, 2.4144



153.6940, -5.7651, 29.2094



120.6320, -5.2416, 1.1997



250.0000, 0.0000, 0.0000



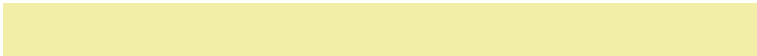
122.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



179.7670, -20.0981, 6.3433



231.1020, -31.6023, 9.5575



175.2490, -17.8708, -8.1114



92.9740, -3.9312, 0.8998



134.1180, -66.1202, 20.9445



26.2920, -12.9620, 4.1289

Inverse Universe

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



146.2330, 20.0981, -6.3433



178.4850, 31.3129, -10.0723



150.7510, 17.8708, 8.1114



86.6130, 3.6418, -1.4146



23.8820, 66.1202, -20.9445



4.7080, 12.9620, -4.1289

Previews

White Background



This preview shows how the YUV color 179.7670, -20.0981, 6.3433 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 179.7670, -20.0981, 6.3433 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

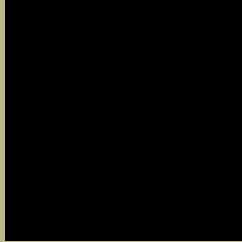
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 179.7670, -20.0981, 6.3433

Background



This preview shows how black text looks on a background with the YUV color 179.7670, -20.0981, 6.3433.



This preview shows how white text looks on a background with the YUV color 179.7670, -20.0981, 6.3433.

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

179.7670, -20.0981, 6.3433

Protanopia

180.5720, -20.9880, 11.7764

Deuteranopia

181.8990, -20.1632, 27.2756



Tritanopia

183.6790, 3.6093, 9.0515

Trichromacy



Original Color

179.7670, -20.0981, 6.3433

Protanomaly

180.2620, -20.8352, 9.4172

Deuteranomaly

181.4420, -20.4309, 19.7834

Tritanomaly

182.3770, -5.1159, 7.5624

Monochromacy



Original Color

179.7670, -20.0981, 6.3433

Achromatopsia

180.0000, 0.0000, 0.0000

Achromatomaly

179.7740, -7.2836, 2.8292

CSS Examples

Text

The CSS property to change the color of the text to YUV 179.7670, -20.0981, 6.3433 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(187, 184, 139)` looks like.

```
.text, #text, p{  
    color:rgb(187, 184, 139)  
}
```

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(187, 184, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 184, 139) }
```

Border

The CSS property to change the border of an element to YUV 179.7670, -20.0981, 6.3433 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(187, 184, 139) }
```


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

```
.border{ border-color:rgb(187, 184, 139) }
```

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

Here you see how a box with a 4 pixel rgb(187, 184, 139) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 184, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 184, 139);  
box-shadow:4px 4px 4px 4px rgb(187, 184,  
139) }
```

Background

The CSS property to change the background color of an element to YUV 179.7670, -20.0981, 6.3433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 184, 139) }
```

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

```
.background{ background-color: rgb(187,  
184, 139) }
```

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