

Converting Colors

YUV(171.6510, 6.0881, 7.3221)

Have a look what the booklet for
YUV(171.6510, 6.0881, 7.3221)
contains.

YUV(171.6510, 6.0881, 7.3221)	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(171.6510, 6.0881,
7.3221)**

Conversions

Conversions Part 1

Format	Color
Hex	B4A5B8
RGB	180, 165, 184
RGB Percent	71%, 65%, 72%
CMY	0.2941, 0.3529, 0.2784
CMYK	0.02, 0.10, 0.00, 0.28
HSL	287°, 12%, 68%
HSV	287°, 10%, 72%
XYZ	40.9293, 40.0743, 50.9253
YIQ	171.6510, 2.8410, 9.0890

Conversions

Conversions Part 2

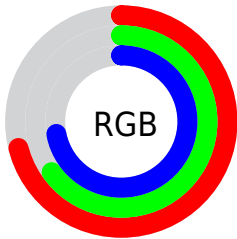
Format	Color
R_{YB}	180, 165, 184
Decimal	11838904
CIE Lab	69.52, 8.94, -7.79
CIE LCh	70, 11.862, 318.927
Yxy	40.0743, 0.3102, 0.3038
Android (android.graphics.Color)	4290028984 (0xFFB4A5B8)
YUV	171.6510, 6.0881, 7.3221
Hunter-Lab	63.3042, 4.6265, -3.3831

Details

The YUV color **171.6510, 6.0881, 7.3221** is a light color, and the websafe version is hex **999999**. A complement of this color would be **177.3490, -6.0881, -7.3221**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.0640, 6.3774, 7.8369**, and **119.2380, 5.7987, 6.8073** is the 20% darker color. If you saturate the color by 10%, you get **159.8890, 11.8867, 14.1293**, and if you desaturate by 10%, it is **183.4130, 0.2894, 0.5148**.

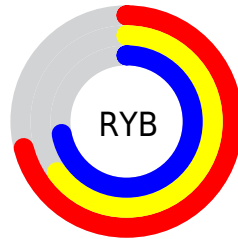
Distribution



Red (71%)

Green (65%)

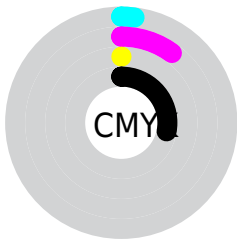
Blue (72%)



Red (71%)

Yellow (65%)

Blue (72%)

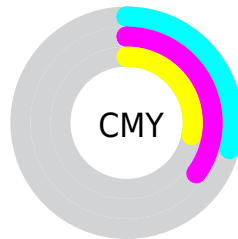


Cyan (2%)

Magenta (10%)

Yellow (0%)

Black (28%)



Cyan (29%)

Magenta (35%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.6510, 6.0881, 7.3221 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 171.6510, 6.0881, 7.3221 by changing the saturation by 10% instead.

■ 171.6510, 6.0881,
7.3221

■ 171.6510, 6.0881,
7.3221

255.0000, 0.0000,
0.0000

■ 145.2380, 5.7987,
6.8073

■ 227.0640, 6.3774,
7.8369

■ 119.2380, 5.7987,
6.8073

■ 251.4780, 1.7363,
3.0888

■ 94.8250, 5.5093,
6.2925

■ 70.8250, 5.5093,
6.2925

■ 48.4120, 5.2199,
5.7777

■ 27.8850, 4.4937,
5.3629

■ 4.8140, 5.5147,

4.5481

0.0000, 0.0000,
0.0000

171.6510, 6.0881,
7.3221

171.6510, 6.0881,
7.3221

159.8890, 11.8867,
14.1293

183.4130, 0.2894,
0.5148

147.5400, 17.9748,
21.4514

195.7620, -5.7987,
-6.8073

135.7780, 23.7734,
28.2587

207.5240,
-11.5973, -13.6145

123.7280, 29.7141,
36.1955

219.5740,
-17.5380, -21.5514

111.9660, 35.5128,
43.0028

230.1620,
-22.7579, -27.3291

■ 100.2040, 41.3114,
49.8101

■ 231.3580,
-23.3475, -24.8700

■ 87.8550, 47.3995,
57.1322

■ 232.5540,
-23.9371, -22.4109

■ 76.0930, 53.1982,
63.9394

■ 233.7500,
-24.5267, -19.9518

■ 64.3310, 58.9968,
70.7467

■ 234.9460,
-25.1164, -17.4926

Harmonies

Analogous

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



170.2090, 9.7570, -2.8143



171.6510, 6.0881, 7.3221



172.0280, 0.9722, 14.8844

Triad

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



171.6510, 6.0881, 7.3221



170.3190, -10.5103, 11.1212



166.1330, 4.8644, -20.2876

Complementary

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



171.6510, 6.0881, 7.3221



177.3490, -6.0881, -7.3221

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.



166.3740, -0.6774, -16.1140



171.6510, 6.0881, 7.3221



168.4920, -9.6096, 2.1995

Square

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



171.6510, 6.0881, 7.3221



171.2210, -8.4900, 16.4692



167.3490, -6.0881, -7.3221



167.2840, 9.2270, -19.5431

Rectangle

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



171.6510, 6.0881, 7.3221



172.4260, -2.6750, 18.0434



167.3490, -6.0881, -7.3221



166.0900, 3.4066, -19.3729

Sweetspot

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



171.6510, 6.0881, 7.3221



235.2930, 2.3206, 2.3740



169.5140, 7.1416, -3.9588



116.7660, 1.5944, 1.9592



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



171.6510, 6.0881, 7.3221



221.1830, 9.2768, 11.2405



172.2770, 3.3144, 10.2811



86.1190, 2.8993, 3.4036



54.5610, 50.0094, 60.0210



9.7700, 8.9874, 10.7257

Inverse Universe

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



171.1370, -1.0535, 11.2809



220.3550, -1.6540, 17.2287



176.7230, -3.3144, -10.2811



85.9190, -0.4531, 5.3330



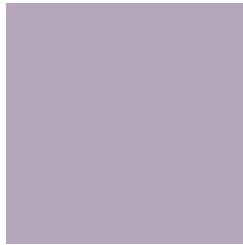
50.4060, -8.5812, 92.6059



9.0560, -1.5066, 16.6139

Previews

White Background



This preview shows how the YUV color 171.6510, 6.0881, 7.3221 looks on a white background.

Color Contrast Check

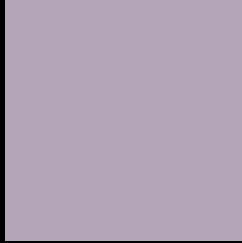
Large Text (above 18pt) WCAG AA × Fail

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 171.6510, 6.0881, 7.3221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

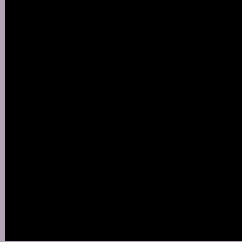
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 171.6510, 6.0881, 7.3221

Background



This preview shows how black text looks on a background with the YUV color 171.6510, 6.0881, 7.3221.



This preview shows how white text looks on a background with the YUV color 171.6510, 6.0881,

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

171.6510, 6.0881, 7.3221

Protanopia

170.6390, 7.5730, -2.3144

Deuteranopia

171.6510, 6.0881, 7.3221



Tritanopia

171.3690, 3.7621, 6.6924

Trichromacy



Original Color

171.6510, 6.0881, 7.3221

Protanomaly

171.1340, 6.8359, 0.7595

Deuteranomaly

171.6510, 6.0881, 7.3221

Tritanomaly

171.5970, 4.6357, 6.4924

Monochromacy



Original Color

171.6510, 6.0881, 7.3221

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

171.5920, 2.1731, 2.9888

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.6510, 6.0881, 7.3221 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(180, 165, 184)` looks like.

```
.text, #text, p{  
    color:rgb(180, 165, 184)  
}
```

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(180, 165, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 165, 184) }
```

Border

The CSS property to change the border of an element to YUV 171.6510, 6.0881, 7.3221 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(180, 165, 184) }
```


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

```
.border{ border-color:rgb(180, 165, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 165, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 165, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 165, 184);  
box-shadow:4px 4px 4px 4px rgb(180, 165,  
184) }
```

Background

The CSS property to change the background color of an element to YUV 171.6510, 6.0881, 7.3221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 165, 184) }
```

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

```
.background{ background-color: rgb(180,  
165, 184) }
```

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