

Converting Colors

YUV(185.3620, 7.7095, 0.5595)

Have a look what the booklet for
YUV(185.3620, 7.7095, 0.5595)
contains.

YUV(185.3620, 7.7095, 0.5595)	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(185.3620, 7.7095,
0.5595)**

Conversions

Conversions Part 1

Format	Color
Hex	BAB6C9
RGB	186, 182, 201
RGB Percent	73%, 71%, 79%
CMY	0.2706, 0.2863, 0.2118
CMYK	0.07, 0.09, 0.00, 0.21
HSL	253°, 15%, 75%
HSV	253°, 9%, 79%
XYZ	47.5203, 48.1120, 62.0403
YIQ	185.3620, -3.7150, 6.7570

Conversions

Conversions Part 2

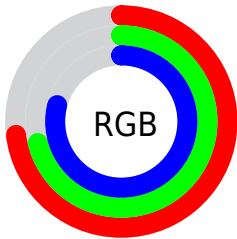
Format	Color
R _Y B	186, 182, 201
Decimal	12236489
CIE Lab	74.90, 5.05, -9.09
CIE LCh	75, 10.399, 299.055
Yxy	48.1120, 0.3014, 0.3051
Android (android.graphics.Color)	4290426569 (0xFFBAB6C9)
YUV	185.3620, 7.7095, 0.5595
Hunter-Lab	69.3628, 0.9048, -4.4768

Details

The YUV color $185.3620, 7.7095, 0.5595$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $197.6380, -7.7095, -0.5595$, and the grayscale version is $185.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $241.1340, 6.8359, 0.7595$, and $132.2480, 7.2727, 0.6595$ is the 20% darker color. If you saturate the color by 10%, you get $168.8380, 15.8559, 1.0191$, and if you desaturate by 10%, it is $201.8860, -0.4368, 0.1000$.

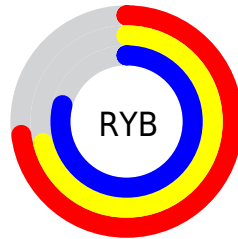
Distribution



Red (73%)

Green (71%)

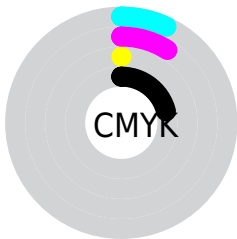
Blue (79%)



Red (73%)

Yellow (71%)

Blue (79%)

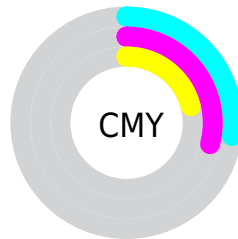


Cyan (7%)

Magenta (9%)

Yellow (0%)

Black (21%)



Cyan (27%)

Magenta (29%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 185.3620, 7.7095, 0.5595 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 185.3620, 7.7095, 0.5595 by changing the saturation by 10% instead.

■ 185.3620, 7.7095,
0.5595

■ 185.3620, 7.7095,
0.5595

255.0000, 0.0000,
0.0000

■ 158.3620, 7.7095,
0.5595

■ 241.1340, 6.8359,
0.7595

■ 132.2480, 7.2727,
0.6595

■ 107.1340, 6.8359,
0.7595

■ 82.7210, 6.5465,
0.2447

■ 59.7210, 6.5465,
0.2447

■ 38.1940, 5.8204,
-0.1701

■ 16.9060, 5.9623,

0.9594

■ 0.1140, 0.4368,
-0.1000

■ 0.0000, 0.0000,
0.0000

■ 185.3620, 7.7095,
0.5595

■ 185.3620, 7.7095,
0.5595

■ 168.8380, 15.8559,
1.0191

■ 201.8860, -0.4368,
0.1000

■ 152.3140, 24.0022,
1.4786

■ 218.4100, -8.5831,
-0.3596

■ 135.7900, 32.1485,
1.9382

■ 234.9340,
-16.7295, -0.8191

■ 119.5650, 40.1475,
3.0125

■ 247.0500,
-22.7027, 1.7101

■ 103.0410, 48.2938,
3.4720

■ 248.8440,
-23.5871, 5.3988

■ 85.9300, 56.7295,
4.4464

■ 69.4060, 64.8758,
4.9059

■ 52.8820, 73.0222,
5.3655

■ 36.3580, 81.1685,
5.8250

Harmonies

Analogous

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



183.7630, 9.4838, -8.5622



185.3620, 7.7095, 0.5595



186.0920, 3.8986, 9.5663

Triad

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



185.3620, 7.7095, 0.5595



185.4980, -8.6265, 13.5953



181.2430, 1.3592, -15.9991

Complementary

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



185.3620, 7.7095, 0.5595



197.6380, -7.7095, -0.5595

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.



181.9080, -3.8986, -9.5663



185.3620, 7.7095, 0.5595



184.5250, -9.6258, 7.4326

Square

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



185.3620, 7.7095, 0.5595



185.7310, -5.2904, 16.8989



183.3390, -7.5621, -1.1743



181.6710, 5.5852, -18.1285

Rectangle

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



185.3620, 7.7095, 0.5595



186.3160, 0.8302, 13.7549



183.3390, -7.5621, -1.1743



181.3850, -0.6828, -14.3696

Sweetspot

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



185.3620, 7.7095, 0.5595



248.5100, 3.1996, 0.4297



192.9710, 3.9583, -9.6216



122.9830, 2.4734, 0.0149



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.



185.3620, 7.7095, 0.5595



231.9860, 11.3459, 0.8893



188.0530, 6.3829, 6.0925



91.6240, 3.6364, 0.3298



28.7480, 66.1862, 4.6060



6.4960, 14.5455, 1.3190

Inverse Universe

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



189.3910, 3.7512, 10.1811



237.8800, 5.4822, 15.0142



194.9470, -6.3829, -6.0925



93.4890, 1.7309, 4.8331



63.4430, 32.3196, 87.3115



13.9560, 6.9237, 19.3326

Previews

White Background



This preview shows how the YUV color 185.3620, 7.7095, 0.5595 looks on a white background.

Color Contrast Check

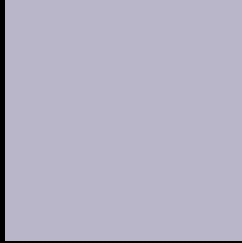
Large Text (above 18pt) WCAG AA × Fail

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 185.3620, 7.7095, 0.5595 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

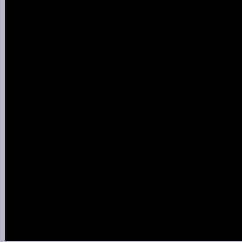
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 185.3620, 7.7095, 0.5595

Background



This preview shows how black text looks on a background with the YUV color 185.3620, 7.7095, 0.5595.



This preview shows how white text looks on a background with the YUV color 185.3620, 7.7095,

0.5595.

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

185.3620, 7.7095, 0.5595

Protanopia

184.8670, 8.4466, -2.5144

Deuteranopia

186.1070, 7.8352, 6.9222



Tritanopia

185.1940, 5.8204, -0.1701

Trichromacy



Original Color

185.3620, 7.7095, 0.5595

Protanomaly

185.1660, 8.2992, -1.8996

Deuteranomaly

185.7970, 7.9881, 4.5630

Tritanomaly

185.3080, 6.2572, -0.2701

Monochromacy



Original Color

185.3620, 7.7095, 0.5595

Achromatopsia

185.0000, 0.0000, 0.0000

Achromatomaly

185.0970, 2.9102, -0.0851

CSS Examples

Text

The CSS property to change the color of the text to YUV 185.3620, 7.7095, 0.5595 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(186, 182, 201)` looks like.

```
.text, #text, p{  
    color:rgb(186, 182, 201)  
}
```

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(186, 182, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 182, 201) }
```

Border

The CSS property to change the border of an element to YUV 185.3620, 7.7095, 0.5595 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(186, 182, 201) }
```


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

```
.border{ border-color:rgb(186, 182, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 182, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 182, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 182, 201);  
box-shadow:4px 4px 4px 4px rgb(186, 182,  
201) }
```

Background

The CSS property to change the background color of an element to YUV 185.3620, 7.7095, 0.5595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 182, 201) }
```

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

```
.background{ background-color: rgb(186,  
182, 201) }
```

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