

Converting Colors

YUV(174.7820, 4.0515, 7.2072)

Have a look what the booklet for
YUV(174.7820, 4.0515, 7.2072)
contains.

YUV(174.7820, 4.0515, 7.2072)	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(174.7820, 4.0515,
7.2072)**

Conversions

Conversions Part 1

Format	Color
Hex	B7A9B7
RGB	183, 169, 183
RGB Percent	72%, 66%, 72%
CMY	0.2824, 0.3373, 0.2824
CMYK	0.00, 0.08, 0.00, 0.28
HSL	300°, 9%, 69%
HSV	300°, 8%, 72%
XYZ	42.2636, 41.8621, 50.6524
YIQ	174.7820, 3.8500, 7.3220

Conversions

Conversions Part 2

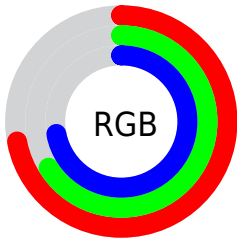
Format	Color
RYB	183, 169, 183
Decimal	12036535
CIELab	70.78, 7.60, -5.36
CIELCh	71, 9.297, 324.830
Yxy	41.8621, 0.3136, 0.3106
Android (android.graphics.Color)	4290226615 (0xFFB7A9B7)
YUV	174.7820, 4.0515, 7.2072
Hunter-Lab	64.7009, 3.3723, -1.1257

Details

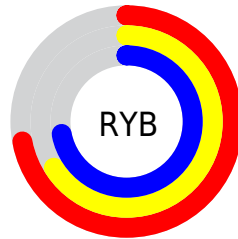
The YUV color $174.7820, 4.0515, 7.2072$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $177.2180, -4.0515, -7.2072$, and the grayscale version is $175.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $230.1950, 4.3409, 7.7220$, and $122.3690, 3.7621, 6.6924$ is the 20% darker color. If you saturate the color by 10%, you get $164.2160, 9.2605, 16.4736$, and if you desaturate by 10%, it is $185.3480, -1.1576, -2.0592$.

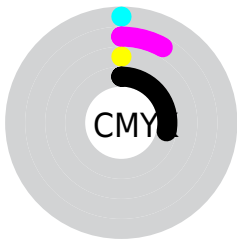
Distribution



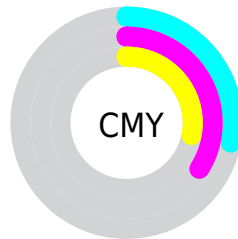
- Red (72%)
- Green (66%)
- Blue (72%)



- Red (72%)
- Yellow (66%)
- Blue (72%)



- Cyan (0%)
- Magenta (8%)
- Yellow (0%)
- Black (28%)



- Cyan (28%)
- Magenta (34%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YUV color 174.7820, 4.0515, 7.2072 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 174.7820, 4.0515, 7.2072 by changing the saturation by 10% instead.

■ 174.7820, 4.0515,
7.2072

■ 174.7820, 4.0515,
7.2072

■ 255.0000, 0.0000,
0.0000

■ 148.3690, 3.7621,
6.6924

■ 230.1950, 4.3409,
7.7220

■ 122.3690, 3.7621,
6.6924

■ 253.8260, 0.5788,
1.0296

■ 97.3690, 3.7621,
6.6924

■ 73.9560, 3.4727,
6.1776

■ 50.9560, 3.4727,
6.1776

■ 30.1300, 2.8939,
5.1480

■ 6.4940, 4.1935,

8.3368

0.0000, 0.0000,
0.0000

174.7820, 4.0515,
7.2072

174.7820, 4.0515,
7.2072

164.2160, 9.2605,
16.4736

185.3480, -1.1576,
-2.0592

153.0630, 14.7589,
26.2547

196.5010, -6.6560,
-11.8404

142.4970, 19.9680,
35.5211

207.0670,
-11.8650, -21.1068

131.9310, 25.1770,
44.7875

217.6330,
-17.0741, -30.3731

120.7780, 30.6754,
54.5687

225.2640,
-20.8362, -37.0655

■ 110.2120, 35.8845,
63.8351

■ 99.6460, 41.0935,
73.1015

■ 89.0800, 46.3026,
82.3678

■ 77.9270, 51.8010,
92.1490

Harmonies

Analogous

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



173.5360, 7.1308, -0.4701



174.7820, 4.0515, 7.2072



175.3760, -0.1854, 12.8252

Triad

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



174.7820, 4.0515, 7.2072



173.1660, -8.4628, 7.7474



170.4540, 4.7062, -16.1842

Complementary

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



174.7820, 4.0515, 7.2072



177.2180, -4.0515, -7.2072

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.



170.3250, 0.3328, -13.4400



174.7820, 4.0515, 7.2072



172.1650, -6.9833, -0.1447

Square

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



174.7820, 4.0515, 7.2072



173.9540, -6.8793, 13.1953



171.2180, -4.0515, -7.2072



171.5620, 7.6109, -14.5249

Rectangle

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



174.7820, 4.0515, 7.2072



175.2900, -3.1010, 14.6547



171.2180, -4.0515, -7.2072



170.4110, 3.2484, -15.2694

Sweetspot

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



174.7820, 4.0515, 7.2072



234.0650, 1.4470, 2.5740



170.5960, 6.1152, -1.3997



118.2390, 0.8682, 1.5444



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.



174.7820, 4.0515, 7.2072



224.6730, 6.0772, 10.8108



173.9840, 0.9939, 7.9070



86.7170, 2.6045, 4.6332



64.4280, 45.1450, 80.3086



11.5640, 8.1029, 14.4144

Inverse Universe

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



174.7820, 4.0515, 7.2072



224.6730, 6.0772, 10.8108



178.0160, -0.9939, -7.9070



86.7170, 2.6045, 4.6332



64.4280, 45.1450, 80.3086



11.5640, 8.1029, 14.4144

Previews

White Background



This preview shows how the YUV color 174.7820, 4.0515, 7.2072 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 174.7820, 4.0515, 7.2072 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

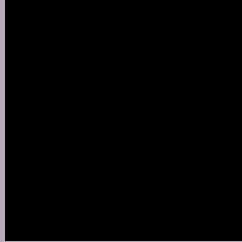
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 174.7820, 4.0515, 7.2072

Background



This preview shows how black text looks on a background with the YUV color 174.7820, 4.0515, 7.2072.



This preview shows how white text looks on a background with the YUV color 174.7820, 4.0515,

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

174.7820, 4.0515, 7.2072

Protanopia

173.7810, 5.5310, -0.6849

Deuteranopia

174.7930, 4.0461, 8.9515



Tritanopia

174.6680, 3.6147, 7.3072

Trichromacy



Original Color

174.7820, 4.0515, 7.2072

Protanomaly

174.2760, 4.7939, 2.3889

Deuteranomaly

174.4940, 4.1935, 8.3368

Tritanomaly

174.6680, 3.6147, 7.3072

Monochromacy



Original Color

174.7820, 4.0515, 7.2072

Achromatopsia

175.0000, 0.0000, 0.0000

Achromatomaly

175.0650, 1.4470, 2.5740

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.7820, 4.0515, 7.2072 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(183, 169, 183)` looks like.

```
.text, #text, p{  
    color:rgb(183, 169, 183)  
}
```

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(183, 169, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 169, 183) }
```

Border

The CSS property to change the border of an element to YUV 174.7820, 4.0515, 7.2072 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(183, 169, 183) }
```


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

```
.border{ border-color:rgb(183, 169, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 169, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 169, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 169, 183);  
box-shadow:4px 4px 4px 4px rgb(183, 169,  
183) }
```

Background

The CSS property to change the background color of an element to YUV 174.7820, 4.0515, 7.2072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 169, 183) }
```

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

```
.background{ background-color: rgb(183,  
169, 183) }
```

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