

Converting Colors

YUV(171.6240, 3.6364, 0.3298)

Have a look what the booklet for
YUV(171.6240, 3.6364, 0.3298)
contains.

YUV(171.6240, 3.6364, 0.3298)	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(171.6240, 3.6364,
0.3298)**

Conversions

Conversions Part 1

Format	Color
Hex	ACAAB3
RGB	172, 170, 179
RGB Percent	67%, 67%, 70%
CMY	0.3255, 0.3333, 0.2980
CMYK	0.04, 0.05, 0.00, 0.30
HSL	253°, 6%, 68%
HSV	253°, 5%, 70%
XYZ	39.5247, 40.7748, 48.4350
YIQ	171.6240, -1.6970, 3.2230

Conversions

Conversions Part 2

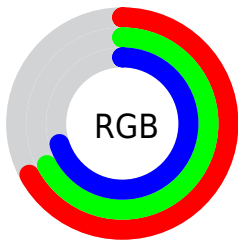
Format	Color
R _Y B	172, 170, 179
Decimal	11315891
CIE Lab	70.02, 2.44, -4.37
CIE LCh	70, 5.001, 299.173
Yxy	40.7748, 0.3070, 0.3167
Android (android.graphics.Color)	4289505971 (0xFFACAAB3)
YUV	171.6240, 3.6364, 0.3298
Hunter-Lab	63.8551, -1.2596, -0.2737

Details

The YUV color $171.6240, 3.6364, 0.3298$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $177.3760, -3.6364, -0.3298$, and the grayscale version is $172.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $226.7380, 4.0732, 0.2298$, and $119.5100, 3.1996, 0.4297$ is the 20% darker color. If you saturate the color by 10%, you get $156.8720, 10.9091, 0.9893$, and if you desaturate by 10%, it is $186.3760, -3.6364, -0.3298$.

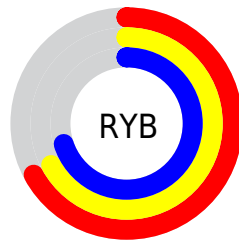
Distribution



Red (67%)

Green (67%)

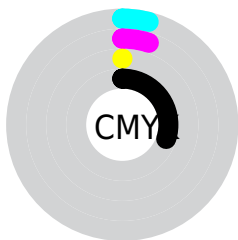
Blue (70%)



Red (67%)

Yellow (67%)

Blue (70%)

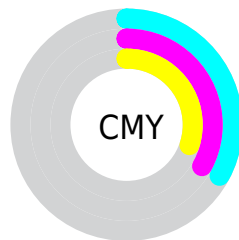


Cyan (4%)

Magenta (5%)

Yellow (0%)

Black (30%)



Cyan (33%)

Magenta (33%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.6240, 3.6364, 0.3298 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 171.6240, 3.6364, 0.3298 by changing the saturation by 10% instead.

■ 171.6240, 3.6364,
0.3298

■ 171.6240, 3.6364,
0.3298

■ 255.0000, 0.0000,
0.0000

■ 145.2110, 3.3470,
-0.1850

■ 226.7380, 4.0732,
0.2298

■ 119.5100, 3.1996,
0.4297

■ 254.4130, 0.2894,
0.5148

■ 94.5100, 3.1996,
0.4297

■ 71.0970, 2.9102,
-0.0851

■ 48.5100, 3.1996,
0.4297

■ 27.9830, 2.4734,
0.0149

■ 1.5530, 4.6574,

-0.4850

0.0000, 0.0000,
0.0000

171.6240, 3.6364,
0.3298

171.6240, 3.6364,
0.3298

156.8720, 10.9091,
0.9893

186.3760, -3.6364,
-0.3298

142.1200, 18.1818,
1.6488

201.1280,
-10.9091, -0.9893

127.3680, 25.4546,
2.3083

215.8800,
-18.1818, -1.6488

112.6160, 32.7273,
2.9678

230.6320,
-25.4546, -2.3083

98.4510, 39.7107,
3.1125

242.4490,
-31.2804, -0.3938

■ 83.6990, 46.9834,
3.7720

■ 246.3360,
-33.1966, 7.5983

■ 69.2460, 54.1087,
5.0463

■ 54.4940, 61.3815,
5.7058

■ 39.7420, 68.6542,
6.3653

Harmonies

Analogous

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



171.1180, 4.3788, -4.4885



171.6240, 3.6364, 0.3298



172.1900, 1.8783, 4.2184

Triad

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



171.6240, 3.6364, 0.3298



171.3060, -4.0949, 6.7476



169.7710, 0.6059, -7.6922

Complementary

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



171.6240, 3.6364, 0.3298



177.3760, -3.6364, -0.3298

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.



169.8100, -1.8783, -4.2184



171.6240, 3.6364, 0.3298



171.1700, -4.5208, 3.3589

Square

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



171.6240, 3.6364, 0.3298



171.7730, -2.3531, 8.0921



170.3760, -3.6364, -0.3298



169.9280, 2.5005, -8.7069

Rectangle

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



171.6240, 3.6364, 0.3298



172.1580, 0.4151, 6.8774



170.3760, -3.6364, -0.3298



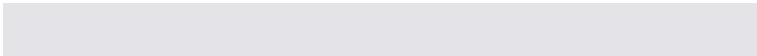
169.8420, -0.4151, -6.8774

Sweetspot

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



171.6240, 3.6364, 0.3298



227.8690, 2.0366, 0.1149



175.1350, 1.9054, -4.5034



115.2280, 0.8736, -0.2000



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



171.6240, 3.6364, 0.3298



220.4930, 5.6730, 0.4446



172.8200, 3.0467, 2.7889



83.9830, 2.4734, 0.0149



27.6080, 61.8183, 5.6058



4.7580, 10.4723, 1.0892

Inverse Universe

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



173.4890, 1.7309, 4.8331



223.4400, 2.7411, 7.5071



176.1800, -3.0467, -2.7889



85.3640, 1.2995, 3.1888



59.3130, 29.4257, 82.1635



10.0540, 4.9034, 13.9846

Previews

White Background



This preview shows how the YUV color 171.6240, 3.6364, 0.3298 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 171.6240, 3.6364, 0.3298 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

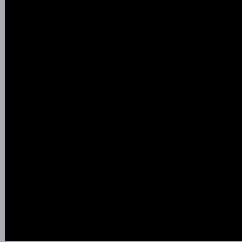
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 171.6240, 3.6364, 0.3298

Background



This preview shows how black text looks on a background with the YUV color 171.6240, 3.6364, 0.3298.



This preview shows how white text looks on a background with the YUV color 171.6240, 3.6364,

0.3298.

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

171.6240, 3.6364, 0.3298

Protanopia

171.6240, 3.6364, 0.3298

Deuteranopia

172.9780, 3.4618, 9.6663



Tritanopia

171.7920, 5.5255, 1.0594

Trichromacy



Original Color

171.6240, 3.6364, 0.3298

Protanomaly

171.6240, 3.6364, 0.3298

Deuteranomaly

172.3690, 3.7621, 6.6924

Tritanomaly

171.6780, 5.0887, 1.1594

Monochromacy



Original Color

171.6240, 3.6364, 0.3298

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

171.7550, 1.5998, 0.2149

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.6240, 3.6364, 0.3298 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(172, 170, 179)` looks like.

```
.text, #text, p{  
    color:rgb(172, 170, 179)  
}
```

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(172, 170, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 170, 179) }
```

Border

The CSS property to change the border of an element to YUV 171.6240, 3.6364, 0.3298 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(172, 170, 179) }
```


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

```
.border{ border-color:rgb(172, 170, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 170, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 170, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 170, 179);  
box-shadow:4px 4px 4px 4px rgb(172, 170,  
179) }
```

Background

The CSS property to change the background color of an element to YUV 171.6240, 3.6364, 0.3298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 170, 179) }
```

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

```
.background{ background-color: rgb(172,  
170, 179) }
```

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