

Converting Colors

YUV(172.0440, 3.4293, 20.1324)

Have a look what the booklet for
YUV(172.0440, 3.4293, 20.1324)
contains.

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Color

**YUV(172.0440, 3.4293,
20.1324)**

Conversions

Conversions Part 1

Format	Color
Hex	C39FB3
RGB	195, 159, 179
RGB Percent	76%, 62%, 70%
CMY	0.2353, 0.3765, 0.2980
CMYK	0.00, 0.18, 0.08, 0.24
HSL	327°, 23%, 69%
HSV	327°, 18%, 76%
XYZ	43.0405, 39.6530, 48.0331
YIQ	172.0440, 15.0360, 13.8520

Conversions

Conversions Part 2

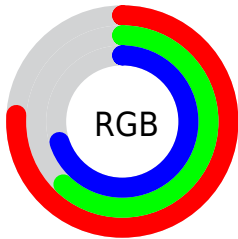
Format	Color
R_{YB}	195, 159, 179
Decimal	12820403
CIE Lab	69.22, 16.62, -5.32
CIE LCh	69, 17.452, 342.265
Yxy	39.6530, 0.3292, 0.3033
Android (android.graphics.Color)	4291010483 (0xFFC39FB3)
YUV	172.0440, 3.4293, 20.1324
Hunter-Lab	62.9707, 11.8062, -1.1461

Details

The YUV color $172.0440, 3.4293, 20.1324$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $181.9560, -3.4293, -20.1324$, and the grayscale version is $172.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $227.7560, 3.5713, 21.2620$, and $119.3320, 3.2873, 19.0028$ is the 20% darker color. If you saturate the color by 10%, you get $159.8650, 4.9966, 30.8134$, and if you desaturate by 10%, it is $184.8100, 1.5727, 8.9366$.

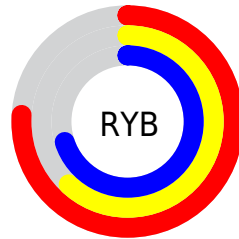
Distribution



Red (76%)

Green (62%)

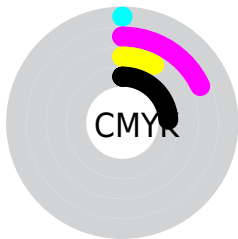
Blue (70%)



Red (76%)

Yellow (62%)

Blue (70%)

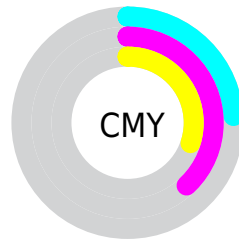


Cyan (0%)

Magenta (18%)

Yellow (8%)

Black (24%)



Cyan (24%)


Magenta (38%)

Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the YUV color 172.0440, 3.4293, 20.1324 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 172.0440, 3.4293, 20.1324 by changing the saturation by 10% instead.


 172.0440, 3.4293,
20.1324

 172.0440, 3.4293,
20.1324


255.0000, 0.0000,
0.0000


 145.6310, 3.1399,
19.6176


 227.7560, 3.5713,
21.2620


 119.3320, 3.2873,
19.0028

 247.3690, 3.7621,
6.6924

 94.6200, 3.1453,
17.8733

 70.9080, 3.0034,
16.7437

 47.7230, 3.5876,
16.0289

 26.8970, 3.0088,
14.9993

 8.3160, 0.8302,

13.7549

■ 0.0000, 0.0000,
0.0000

■ 172.0440, 3.4293,
20.1324

■ 172.0440, 3.4293,
20.1324

■ 159.8650, 4.9966,
30.8134

■ 184.8100, 1.5727,
8.9366

■ 147.2130, 7.2900,
41.9092

■ 196.8750, -0.4314,
-1.6444

■ 135.0340, 8.8572,
52.5902

■ 209.6410, -2.2880,
-12.8402

■ 122.2680, 10.7139,
63.7860

■ 221.8200, -3.8553,
-23.5211

■ 110.2030, 12.7179,
74.3670

■ 233.2980, -5.5699,
-33.5873

■ 97.4370, 14.5746,
85.5628

■ 234.3240, -1.6387,
-34.4871

■ 85.2580, 16.1418,
96.2437

■ 235.3500, 2.2924,
-35.3870

■ 72.6060, 18.4352,
107.3395

■ 236.2620, 5.7868,
-36.1868

■ 70.6170, 18.4298,
109.0839

■ 237.0600, 8.8444,
-36.8866

Harmonies

Analogous

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



171.3890, 10.1612, 7.5518



172.0440, 3.4293, 20.1324



171.7260, -4.3019, 26.5503

Triad

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



172.0440, 3.4293, 20.1324



167.8470, -14.7146, 6.2732



163.8310, 12.9013, -31.4238

Complementary

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



172.0440, 3.4293, 20.1324



181.9560, -3.4293, -20.1324

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.



162.7080, 6.0600, -30.4389



172.0440, 3.4293, 20.1324



166.1980, -10.4506, -8.0666

Square

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



172.0440, 3.4293, 20.1324



169.5110, -15.0419, 17.9689



163.8850, -2.4083, -20.9471



166.0970, 16.2212, -22.8871

Rectangle

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



172.0440, 3.4293, 20.1324



171.1730, -8.9593, 27.0353



163.8850, -2.4083, -20.9471



163.5490, 10.5753, -32.0535

Sweetspot

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



172.0440, 3.4293, 20.1324



242.5110, 1.7201, 8.3219



167.8880, 13.3662, 6.2372



122.2610, 0.8573, 5.0331



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.



172.0440, 3.4293, 20.1324



216.9790, 5.4334, 30.7134



169.9920, -4.4331, 21.9320



90.6740, 1.1467, 5.5479



58.2850, 15.1425, 90.0811



11.9190, 2.9979, 18.4880

Inverse Universe

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



172.0440, 3.4293, 20.1324



216.9790, 5.4334, 30.7134



184.0080, 4.4331, -21.9320



90.6740, 1.1467, 5.5479



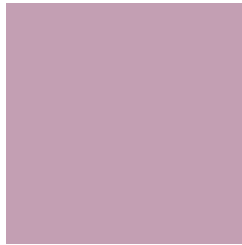
58.2850, 15.1425, 90.0811



11.9190, 2.9979, 18.4880

Previews

White Background



This preview shows how the YUV color 172.0440, 3.4293, 20.1324 looks on a white background.

Color Contrast Check

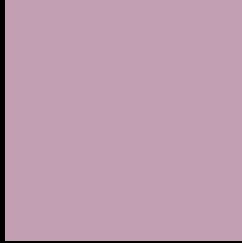
Large Text (above 18pt) WCAG AA × Fail

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 172.0440, 3.4293, 20.1324 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

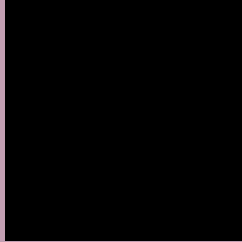
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 172.0440, 3.4293, 20.1324

Background



This preview shows how black text looks on a background with the YUV color 172.0440, 3.4293, 20.1324.



This preview shows how white text looks on a background with the YUV color 172.0440, 3.4293,

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

172.0440, 3.4293, 20.1324

Protanopia

169.9380, 7.4256, -1.6996

Deuteranopia

170.9780, 3.4618, 9.6663



Tritanopia

171.6480, 0.6665, 19.6027

Trichromacy



Original Color

172.0440, 3.4293, 20.1324

Protanomaly

170.9390, 5.9461, 6.1925

Deuteranomaly

171.2990, 3.3036, 13.7698

Tritanomaly

171.8760, 1.5401, 19.4027

Monochromacy



Original Color

172.0440, 3.4293, 20.1324

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

171.7990, 1.5781, 7.1923

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.0440, 3.4293, 20.1324 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(195, 159, 179)` looks like.

```
.text, #text, p{  
    color:rgb(195, 159, 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(195, 159, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 159, 179) }
```

Border

The CSS property to change the border of an element to YUV 172.0440, 3.4293, 20.1324 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(195, 159, 179) }
```


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

```
.border{ border-color:rgb(195, 159, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 159, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 159, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 159, 179);  
box-shadow:4px 4px 4px 4px rgb(195, 159,  
179) }
```

Background

The CSS property to change the background color of an element to YUV 172.0440, 3.4293, 20.1324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 159, 179) }
```

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

```
.background{ background-color: rgb(195,  
159, 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](#).

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