

Converting Colors

YUV(173.4000, 20.5088,
48.7612)

Have a look what the booklet for
YUV(173.4000, 20.5088, 48.7612)
contains.

YUV(173.4000, 20.5088, 48.7612)	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(173.4000, 20.5088,
48.7612)**

Conversions

Conversions Part 1

Format	Color
Hex	E589D7
RGB	229, 137, 215
RGB Percent	90%, 54%, 84%
CMY	0.1020, 0.4627, 0.1569
CMYK	0.00, 0.40, 0.06, 0.10
HSL	309°, 64%, 72%
HSV	309°, 40%, 90%
XYZ	53.5245, 39.4556, 69.0846
YIQ	173.4000, 29.7940, 43.7620

Conversions

Conversions Part 2

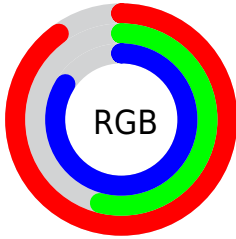
Format	Color
R _Y B	229, 137, 215
Decimal	15043031
CIE Lab	69.08, 46.17, -25.17
CIE LCh	69, 52.587, 331.405
Yxy	39.4556, 0.3303, 0.2435
Android (android.graphics.Color)	4293233111 (0xFFE589D7)
YUV	173.4000, 20.5088, 48.7612
Hunter-Lab	62.8137, 42.1785, -21.2395

Details

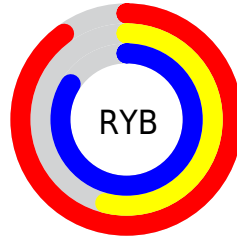
The YUV color **173.4000, 20.5088, 48.7612** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **192.6000, -20.5088, -48.7612**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.0190, 18.2316, 32.4323**, and **118.9760, 20.2248, 46.5020** is the 20% darker color. If you saturate the color by 10%, you get **159.5570, 25.8544, 60.9015**, and if you desaturate by 10%, it is **187.2430, 15.1632, 36.6209**.

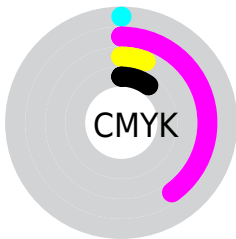
Distribution



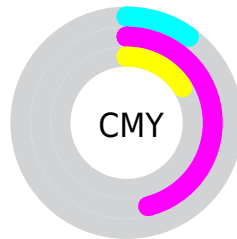
- Red (90%)
- Green (54%)
- Blue (84%)



- Red (90%)
- Yellow (54%)
- Blue (84%)



- Cyan (0%)
- Magenta (40%)
- Yellow (6%)
- Black (10%)



- Cyan (10%)
- Magenta (46%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the YUV color 173.4000, 20.5088, 48.7612 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 173.4000, 20.5088, 48.7612 by changing the saturation by 10% instead.

 173.4000, 20.5088,
48.7612

 173.4000, 20.5088,
48.7612


255.0000, 0.0000,
0.0000


 145.6880, 20.3668,
47.6316


 218.0190, 18.2316,
32.4323


 118.9760, 20.2248,
46.5020


 235.0420, 9.8393,
17.5032

 92.3780, 20.5196,
45.2725

 252.0650, 1.4470,
2.5740

 65.4920, 20.9564,
45.1725

 36.7850, 23.2770,
47.5466

 26.2750, 16.6264,
33.9618

 17.6020, 10.5492,

23.1510

■ 2.2970, 6.2626,
-2.0145

■ 0.0000, 0.0000,
0.0000

■ 173.4000, 20.5088,
48.7612

■ 173.4000, 20.5088,
48.7612

■ 159.5570, 25.8544,
60.9015

■ 187.2430, 15.1632,
36.6209

■ 145.6000, 30.7632,
73.1418

■ 201.2000, 10.2544,
24.3806

■ 131.7570, 36.1088,
85.2821

■ 215.0430, 4.9088,
12.2403

■ 117.8000, 41.0176,
97.5224

■ 229.0000, 0.0000,
0.0000

103.9570, 46.3632,
109.6627

242.2560, -5.0562,
-11.6255

90.5870, 50.9826,
121.3882

245.0600, -4.4666,
-14.0846

245.4020, -3.1562,
-14.3846

245.8580, -1.4090,
-14.7845

246.2000, -0.0986,
-15.0844

Harmonies

Analogous

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



171.5110, 38.6951, 2.1829



173.4000, 20.5088, 48.7612



170.5330, -1.2488, 74.0776

Triad

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



173.4000, 20.5088, 48.7612



163.9010, -46.7862, 26.3968



137.4420, 39.2221, -120.5366

Complementary

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



173.4000, 20.5088, 48.7612



192.6000, -20.5088, -48.7612

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.



131.9700, 18.2558, -115.7377



173.4000, 20.5088, 48.7612



158.5910, -36.7734, -11.9193

Square

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



173.4000, 20.5088, 48.7612



166.5210, -40.1899, 57.4251



148.9560, -13.7823, -59.5974



137.2090, 56.0990, -120.3323

Rectangle

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



173.4000, 20.5088, 48.7612



168.0590, -15.8051, 76.2473



148.9560, -13.7823, -59.5974



135.7320, 32.6701, -119.0370

Sweetspot

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



173.4000, 20.5088, 48.7612



236.2330, 6.7871, 16.4587



151.6740, 38.1217, -0.5911



117.0920, 3.8986, 9.5663



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.



173.4000, 20.5088, 48.7612



181.2200, 27.0065, 64.7051



168.1560, 0.4161, 53.3602



107.7280, 2.5991, 6.3775



70.7350, 39.5706, 94.9484



20.1510, 11.2646, 27.0546

Inverse Universe

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



173.4000, 20.5088, 48.7612



181.2200, 27.0065, 64.7051



197.8440, -0.4161, -53.3602



107.7280, 2.5991, 6.3775



70.7350, 39.5706, 94.9484



20.1510, 11.2646, 27.0546

Previews

White Background



This preview shows how the YUV color 173.4000, 20.5088, 48.7612 looks on a white background.

Color Contrast Check

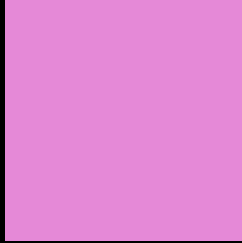
Large Text (above 18pt) WCAG AA × Fail

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 173.4000, 20.5088, 48.7612 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

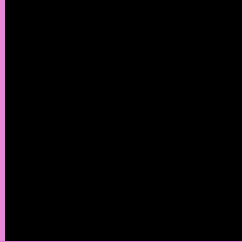
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 173.4000, 20.5088, 48.7612

Background



This preview shows how black text looks on a background with the YUV color 173.4000, 20.5088, 48.7612.



This preview shows how white text looks on a background with the YUV color 173.4000, 20.5088,

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

173.4000, 20.5088, 48.7612

Protanopia

169.0000, 33.5240, -19.2940

Deuteranopia

170.7170, 19.3665, -5.0138



Tritanopia

171.4940, -5.6665, 44.2938

Trichromacy



Original Color

173.4000, 20.5088, 48.7612



Protanomaly

170.6010, 28.7907, 5.6119



Deuteranomaly

171.3650, 20.0331, 14.5889



Tritanomaly

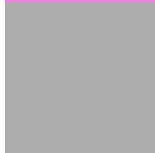
172.3230, 3.7848, 46.1977

Monochromacy



Original Color

173.4000, 20.5088, 48.7612



Achromatopsia

173.0000, 0.0000, 0.0000



Achromatomaly

173.0590, 7.3659, 17.4883

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.4000, 20.5088, 48.7612 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(229, 137, 215)` looks like.

```
.text, #text, p{  
    color:rgb(229, 137, 215)  
}
```

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(229, 137, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 137, 215) }
```

Border

The CSS property to change the border of an element to YUV 173.4000, 20.5088, 48.7612 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(229, 137, 215) }
```


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

```
.border{ border-color:rgb(229, 137, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 137, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 137, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 137, 215);  
box-shadow:4px 4px 4px 4px rgb(229, 137,  
215) }
```

Background

The CSS property to change the background color of an element to YUV 173.4000, 20.5088, 48.7612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 137, 215) }
```

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

```
.background{ background-color: rgb(229,  
137, 215) }
```

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