

Converting Colors

YUV(172.8790, 17.3147,
46.5871)

Have a look what the booklet for
YUV(172.8790, 17.3147, 46.5871)
contains.

YUV(172.8790, 17.3147, 46.5871)	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(172.8790, 17.3147,
46.5871)**

Conversions

Conversions Part 1

Format	Color
Hex	E28BD0
RGB	226, 139, 208
RGB Percent	89%, 55%, 82%
CMY	0.1137, 0.4549, 0.1843
CMYK	0.00, 0.38, 0.08, 0.11
HSL	312°, 60%, 72%
HSV	312°, 38%, 89%
XYZ	51.9818, 39.1881, 64.4988
YIQ	172.8790, 29.7030, 39.9030

Conversions

Conversions Part 2

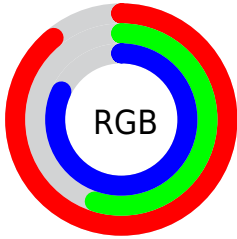
Format	Color
R _Y B	226, 139, 208
Decimal	14846928
CIE Lab	68.89, 43.00, -21.61
CIE LCh	69, 48.123, 333.316
Yxy	39.1881, 0.3339, 0.2517
Android (android.graphics.Color)	4293037008 (0xFFE28BD0)
YUV	172.8790, 17.3147, 46.5871
Hunter-Lab	62.6004, 38.6714, -17.2678

Details

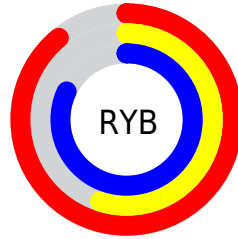
The YUV color **172.8790, 17.3147, 46.5871** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **192.1210, -17.3147, -46.5871**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.1930, 17.6529, 31.4027**, and **119.0420, 16.7413, 43.8132** is the 20% darker color. If you saturate the color by 10%, you get **158.8080, 21.7867, 58.9274**, and if you desaturate by 10%, it is **186.9500, 12.8426, 34.2468**.

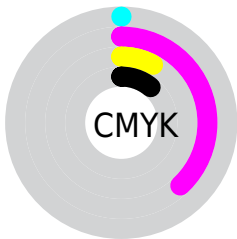
Distribution



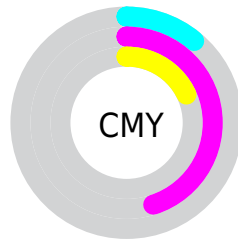
- Red (89%)
- Green (55%)
- Blue (82%)



- Red (89%)
- Yellow (55%)
- Blue (82%)



- Cyan (0%)
- Magenta (38%)
- Yellow (8%)
- Black (11%)





- Cyan (11%)
- Magenta (45%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the YUV color 172.8790, 17.3147, 46.5871 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 172.8790, 17.3147, 46.5871 by changing the saturation by 10% instead.


 172.8790, 17.3147,
46.5871

 172.8790, 17.3147,
46.5871


255.0000, 0.0000,
0.0000


 145.1670, 17.1727,
45.4575


 219.1930, 17.6529,
31.4027


 119.0420, 16.7413,
43.8132


 235.6290, 9.5499,
16.9884

 92.7430, 16.8887,
43.1984

 252.6520, 1.1576,
2.0592

 66.5580, 17.4729,
42.4836

 37.2640, 20.0828,
45.3725

 25.1070, 14.7372,
33.2322

 16.4340, 8.6600,

22.4214

■ 0.6840, 2.6208,
-0.5999

■ 0.0000, 0.0000,
0.0000

■ 172.8790, 17.3147,
46.5871

■ 172.8790, 17.3147,
46.5871

■ 158.8080, 21.7867,
58.9274

■ 186.9500, 12.8426,
34.2468

■ 145.4380, 26.4061,
70.6529

■ 200.3200, 8.2232,
22.5214

■ 131.3670, 30.8781,
82.9931

■ 214.3910, 3.7512,
10.1811

■ 117.8830, 35.0607,
94.8186

■ 227.8750, -0.4314,
-1.6444

103.9260, 39.9695,
107.0589

241.8320, -5.3402,
-13.8847

89.8550, 44.4415,
119.3992

244.1630, -4.0244,
-15.9290

87.9800, 44.8729,
121.0435

244.7330, -1.8404,
-16.4288

245.1890, -0.0932,
-16.8288

245.7590, 2.0908,
-17.3286

Harmonies

Analogous

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



171.6810, 34.1743, 5.5418



172.8790, 17.3147, 46.5871



170.7450, -2.8323, 68.6296

Triad

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



172.8790, 17.3147, 46.5871



163.7310, -42.2654, 23.0379



135.4530, 39.2167, -118.7923

Complementary

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



172.8790, 17.3147, 46.5871



192.1210, -17.3147, -46.5871

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.



131.1380, 20.1450, -115.0080



172.8790, 17.3147, 46.5871



159.3180, -32.6948, -13.4339

Square

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



172.8790, 17.3147, 46.5871



166.8730, -37.4054, 50.9774



150.2600, -11.4672, -55.4790



135.3510, 54.0570, -118.7028

Rectangle

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



172.8790, 17.3147, 46.5871



168.9120, -16.2256, 71.1142



150.2600, -11.4672, -55.4790



134.4440, 32.8121, -117.9074

Sweetspot

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



172.8790, 17.3147, 46.5871



236.1190, 6.3503, 16.5586



154.0010, 35.4955, 1.7531



116.9780, 3.4618, 9.6663



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.



172.8790, 17.3147, 46.5871



183.5850, 23.3756, 62.6310



167.9770, -1.4677, 50.8862



105.3150, 2.3097, 5.8627



68.5840, 35.2081, 94.2038



18.6840, 9.5228, 25.7101

Inverse Universe

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



172.8790, 17.3147, 46.5871



183.5850, 23.3756, 62.6310



197.0230, 1.4677, -50.8862



105.3150, 2.3097, 5.8627



68.5840, 35.2081, 94.2038



18.6840, 9.5228, 25.7101

Previews

White Background



This preview shows how the YUV color 172.8790, 17.3147, 46.5871 looks on a white background.

Color Contrast Check

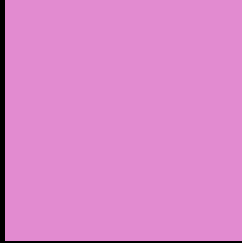
Large Text (above 18pt) WCAG AA × Fail

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 172.8790, 17.3147, 46.5871 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

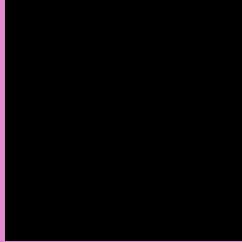
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 172.8790, 17.3147, 46.5871

Background



This preview shows how black text looks on a background with the YUV color 172.8790, 17.3147, 46.5871.



This preview shows how white text looks on a background with the YUV color 172.8790, 17.3147,

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

172.8790, 17.3147, 46.5871

Protanopia

168.5830, 29.2926, -15.4203

Deuteranopia

170.2290, 16.1561, -1.9548



Tritanopia

171.4830, -5.6611, 42.5494

Trichromacy



Original Color

172.8790, 17.3147, 46.5871



Protanomaly

169.9880, 25.1489, 7.0265



Deuteranomaly

171.4530, 16.5387, 15.3887



Tritanomaly

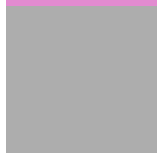
171.6710, 2.6272, 44.1385

Monochromacy



Original Color

172.8790, 17.3147, 46.5871



Achromatopsia

173.0000, 0.0000, 0.0000



Achromatomaly

173.1190, 6.3503, 16.5586

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.8790, 17.3147, 46.5871 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(226, 139, 208)` looks like.

```
.text, #text, p{  
    color:rgb(226, 139, 208)  
}
```

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(226, 139, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 139, 208) }
```

Border

The CSS property to change the border of an element to YUV 172.8790, 17.3147, 46.5871 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(226, 139, 208) }
```


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

```
.border{ border-color:rgb(226, 139, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 139, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 139, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 139, 208); box-shadow:4px 4px 4px 4px rgb(226, 139, 208) }
```

Background

The CSS property to change the background color of an element to YUV 172.8790, 17.3147, 46.5871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 139, 208) }
```

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

```
.background{ background-color: rgb(226,  
139, 208) }
```

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