

Converting Colors

YUV(173.2140, 2.3595, 36.6463)

Have a look what the booklet for
YUV(173.2140, 2.3595, 36.6463)
contains.

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Color

**YUV(173.2140, 2.3595,
36.6463)**

Conversions

Conversions Part 1

Format	Color
Hex	D797B2
RGB	215, 151, 178
RGB Percent	84%, 59%, 70%
CMY	0.1569, 0.4078, 0.3020
CMYK	0.00, 0.30, 0.17, 0.16
HSL	335°, 44%, 72%
HSV	335°, 30%, 84%
XYZ	47.1268, 39.7946, 47.3168
YIQ	173.2140, 29.4770, 21.9650

Conversions

Conversions Part 2

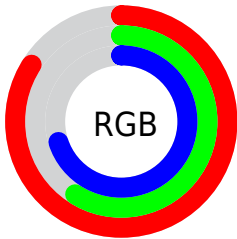
Format	Color
R _Y B	215, 151, 178
Decimal	14129074
CIE Lab	69.32, 27.97, -4.38
CIE LCh	69, 28.312, 351.099
Yxy	39.7946, 0.3511, 0.2964
Android (android.graphics.Color)	4292319154 (0xFFD797B2)
YUV	173.2140, 2.3595, 36.6463
Hunter-Lab	63.0830, 22.9551, -0.3136

Details

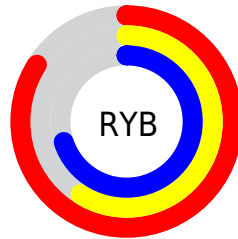
The YUV color **173.2140, 2.3595, 36.6463** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **192.7860, -2.3595, -36.6463**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.8430, 5.0074, 27.3247**, and **119.9040, 2.5123, 34.2872** is the 20% darker color. If you saturate the color by 10%, you get **159.5190, 3.1951, 48.6568**, and if you desaturate by 10%, it is **187.4960, 1.2345, 24.1210**.

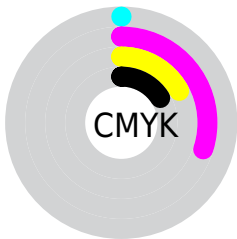
Distribution



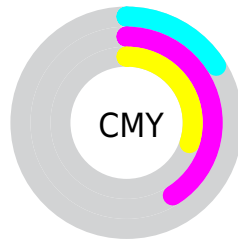
- Red (84%)
- Green (59%)
- Blue (70%)



- Red (84%)
- Yellow (59%)
- Blue (70%)



- Cyan (0%)
- Magenta (30%)
- Yellow (17%)
- Black (16%)



- Cyan (16%)
- Magenta (41%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.2140, 2.3595, 36.6463 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 173.2140, 2.3595, 36.6463 by changing the saturation by 10% instead.

 173.2140, 2.3595,
36.6463

 173.2140, 2.3595,
36.6463

255.0000, 0.0000,
0.0000


 146.5020, 2.2175,
35.5167


 223.8430, 5.0074,
27.3247

 119.9040, 2.5123,
34.2872

 242.6730, 6.0772,
10.8108

 94.8930, 2.5178,
32.5428

 70.4090, 3.2494,
31.2133

 46.8110, 3.5442,
29.9838

 22.8540, 5.0020,
29.0690

 12.0890, -1.5229,

21.8469

■ 0.0000, 0.0000,
0.0000

■ 173.2140, 2.3595,
36.6463

■ 173.2140, 2.3595,
36.6463

■ 159.5190, 3.1951,
48.6568

■ 187.4960, 1.2345,
24.1210

■ 145.1230, 3.8834,
61.2821

■ 201.3050, 0.8356,
12.0105

■ 131.4280, 4.7190,
73.2926

■ 215.5870, -0.2894,
-0.5148

■ 117.0320, 5.4072,
85.9179

■ 229.3960, -0.6882,
-12.6253

■ 103.3370, 6.2429,
97.9285

■ 241.3300, -0.6557,
-23.0914

■ 88.9410, 6.9311,
110.5537

■ 242.8120, 5.0227,
-24.3911

■ 75.2460, 7.7667,
122.5643

■ 243.0400, 5.8963,
-24.5911

■ 74.6590, 8.0561,
123.0791

Harmonies

Analogous

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



173.4920, 14.0544, 18.8625



173.2140, 2.3595, 36.6463



172.0440, -9.8817, 42.9344

Triad

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



173.2140, 2.3595, 36.6463



165.8760, -22.1239, 2.7397



158.0760, 24.6125, -54.4407

Complementary

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



173.2140, 2.3595, 36.6463



192.7860, -2.3595, -36.6463

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.



155.9480, 15.3086, -56.9594



173.2140, 2.3595, 36.6463



162.7250, -13.1754, -20.8068

Square

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



173.2140, 2.3595, 36.6463



168.7260, -24.5149, 23.0423



158.8500, 0.5670, -41.9644



164.4790, 26.8789, -34.6231

Rectangle

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



173.2140, 2.3595, 36.6463



170.8990, -16.7122, 40.4306



158.8500, 0.5670, -41.9644



157.0710, 22.1500, -57.9443

Sweetspot

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



173.2140, 2.3595, 36.6463



240.0170, 0.9776, 13.1401



169.0600, 22.6484, 15.7334



118.1690, 0.4097, 8.6218



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.



173.2140, 2.3595, 36.6463



194.9540, 3.4737, 52.6603



172.4840, -10.5916, 37.2865



99.8590, 0.5625, 6.2627



59.3370, 6.2429, 97.9285



14.9090, 1.5239, 24.6358

Inverse Universe

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



173.2140, 2.3595, 36.6463



194.9540, 3.4737, 52.6603



193.5160, 10.5916, -37.2865



99.8590, 0.5625, 6.2627



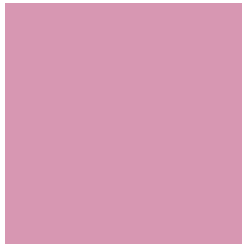
59.3370, 6.2429, 97.9285



14.9090, 1.5239, 24.6358

Previews

White Background



This preview shows how the YUV color 173.2140, 2.3595, 36.6463 looks on a white background.

Color Contrast Check

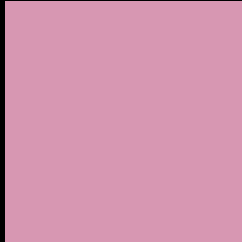
Large Text (above 18pt) WCAG AA × Fail

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 173.2140, 2.3595, 36.6463 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

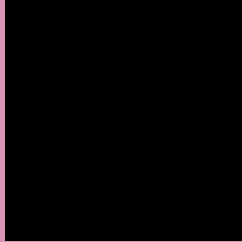
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 173.2140, 2.3595, 36.6463

Background



This preview shows how black text looks on a background with the YUV color 173.2140, 2.3595, 36.6463.



This preview shows how white text looks on a background with the YUV color 173.2140, 2.3595,

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

173.2140, 2.3595, 36.6463

Protanopia

170.0950, 9.3202, -2.7143

Deuteranopia

171.0490, 2.4408, 10.4810



Tritanopia

172.3080, -3.6028, 35.6869

Trichromacy



Original Color

173.2140, 2.3595, 36.6463

Protanomaly

171.2000, 6.8034, 11.2256

Deuteranomaly

171.8160, 2.5557, 20.3324

Tritanomaly

172.5900, -1.2769, 36.3166

Monochromacy



Original Color

173.2140, 2.3595, 36.6463

Achromatopsia

173.0000, 0.0000, 0.0000

Achromatomaly

173.0170, 0.9776, 13.1401

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.2140, 2.3595, 36.6463 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(215, 151, 178)` looks like.

```
.text, #text, p{  
    color:rgb(215, 151, 178)  
}
```

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(215, 151, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 151, 178) }
```

Border

The CSS property to change the border of an element to YUV 173.2140, 2.3595, 36.6463 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(215, 151, 178) }
```


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

```
.border{ border-color:rgb(215, 151, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 151, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 151, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 151, 178);  
box-shadow:4px 4px 4px 4px rgb(215, 151,  
178) }
```

Background

The CSS property to change the background color of an element to YUV 173.2140, 2.3595, 36.6463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 151, 178) }
```

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

```
.background{ background-color: rgb(215,  
151, 178) }
```

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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