

Converting Colors

YUV(147.5370, 36.2173,
50.3951)

Have a look what the booklet for
YUV(147.5370, 36.2173, 50.3951)
contains.

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Color

**YUV(147.5370, 36.2173,
50.3951)**

Conversions

Conversions Part 1

Format	Color
Hex	CD68DD
RGB	205, 104, 221
RGB Percent	80%, 41%, 87%
CMY	0.1961, 0.5922, 0.1333
CMYK	0.07, 0.53, 0.00, 0.13
HSL	292°, 63%, 64%
HSV	292°, 53%, 87%
XYZ	43.1783, 28.1002, 71.5548
YIQ	147.5370, 22.6390, 57.7990

Conversions

Conversions Part 2

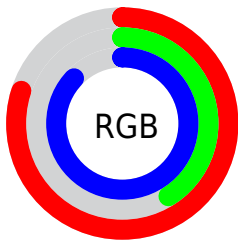
Format	Color
R _{YB}	205, 104, 221
Decimal	13461725
CIE Lab	59.98, 56.87, -42.88
CIE LCh	60, 71.227, 322.981
Yxy	28.1002, 0.3023, 0.1967
Android (android.graphics.Color)	4291651805 (0xFFCD68DD)
YUV	147.5370, 36.2173, 50.3951
Hunter-Lab	53.0096, 52.6279, -42.9255

Details

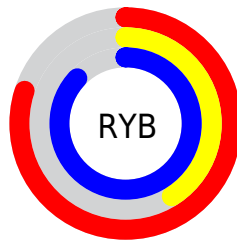
The YUV color **147.5370, 36.2173, 50.3951** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **177.4630, -36.2173, -50.3951**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **198.6480, 27.7815, 49.4207**, and **91.8250, 36.0753, 49.2655** is the 20% darker color. If you saturate the color by 10%, you get **133.7260, 43.0261, 59.8763**, and if you desaturate by 10%, it is **161.3480, 29.4084, 40.9138**.

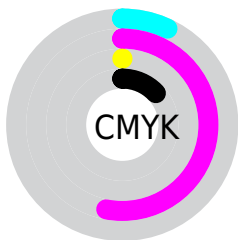
Distribution



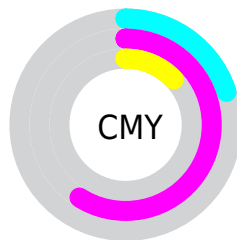
- Red (80%)
- Green (41%)
- Blue (87%)



- Red (80%)
- Yellow (41%)
- Blue (87%)



- Cyan (7%)
- Magenta (53%)
- Yellow (0%)
- Black (13%)



- Cyan (20%)
- Magenta (59%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 147.5370, 36.2173, 50.3951 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 147.5370, 36.2173, 50.3951 by changing the saturation by 10% instead.

147.5370, 36.2173,
50.3951

147.5370, 36.2173,
50.3951

255.0000, 0.0000,
0.0000

119.8250, 36.0753,
49.2655

198.6480, 27.7815,
49.4207

91.8250, 36.0753,
49.2655

215.0840, 19.6786,
35.0063

60.5310, 38.6852,
52.1543

232.1070, 11.2862,
20.0772

40.6890, 35.6493,
45.8767

249.1300, 2.8939,
5.1480

30.0650, 28.5620,
32.3920

20.4520, 21.4692,
20.6516

5.2720, 17.6139,

-2.8695

■ 2.6390, 7.5730,
-2.3144

■ 0.0000, 0.0000,
0.0000

■ 147.5370, 36.2173,
50.3951

■ 147.5370, 36.2173,
50.3951

■ 133.7260, 43.0261,
59.8763

■ 161.3480, 29.4084,
40.9138

■ 119.9150, 49.8349,
69.3575

■ 175.1590, 22.5996,
31.4326

■ 106.1040, 56.6437,
78.8388

■ 188.9700, 15.7908,
21.9513

■ 92.2930, 63.4526,
88.3200

■ 202.7810, 8.9820,
12.4701

82.3030, 68.3776,
95.3273

217.1790, 1.8838,
2.4740

230.9900, -4.9251,
-7.0072

242.4530,
-10.5763, -14.4293

243.3500,
-11.0186, -12.5850

244.2470,
-11.4608, -10.7406

Harmonies

Analogous

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



140.9170, 56.2429, -26.2372



147.5370, 36.2173, 50.3951



138.9930, 11.3425, 95.5991

Triad

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



147.5370, 36.2173, 50.3951



136.0330, -67.0643, 43.8211



123.4390, 33.8006, -108.2560

Complementary

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



147.5370, 36.2173, 50.3951



177.4630, -36.2173, -50.3951

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.



115.4420, 5.6981, -101.2426



147.5370, 36.2173, 50.3951



129.5450, -63.8657, -2.2320

Square

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



147.5370, 36.2173, 50.3951



138.1280, -47.3911, 80.5717



112.6860, -24.4952, -76.9006



127.0190, 57.6716, -111.3957

Rectangle

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



147.5370, 36.2173, 50.3951



135.1240, -7.4561, 105.1313



112.6860, -24.4952, -76.9006



121.0450, 24.6278, -106.1565

Sweetspot

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



147.5370, 36.2173, 50.3951



229.1390, 12.7495, 17.4181



127.9040, 45.8963, -20.9638



112.1290, 7.8244, 10.4109



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.



147.5370, 36.2173, 50.3951



152.7410, 50.4137, 70.3871



147.6470, 15.9500, 64.3306



102.9450, 3.4781, 4.4332



64.5720, 53.4550, 74.9204



17.2040, 14.1964, 19.9921

Inverse Universe

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



140.8070, -10.2579, 70.3293



143.2450, -14.4178, 98.0091



177.3530, -15.9500, -64.3306



102.4030, -1.1847, 6.6626



54.4630, -15.0183, 103.9569



14.4380, -4.1599, 27.6799

Previews

White Background



This preview shows how the YUV color 147.5370, 36.2173, 50.3951 looks on a white background.

Color Contrast Check

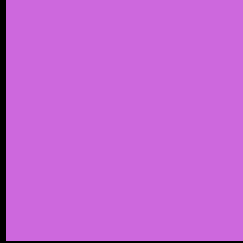
Large Text (above 18pt) WCAG AA ✓ Pass

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 147.5370, 36.2173, 50.3951 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

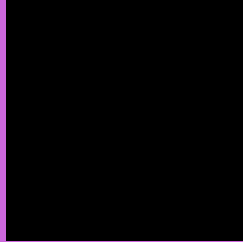
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 147.5370, 36.2173, 50.3951

Background



This preview shows how black text looks on a background with the YUV color 147.5370, 36.2173, 50.3951.

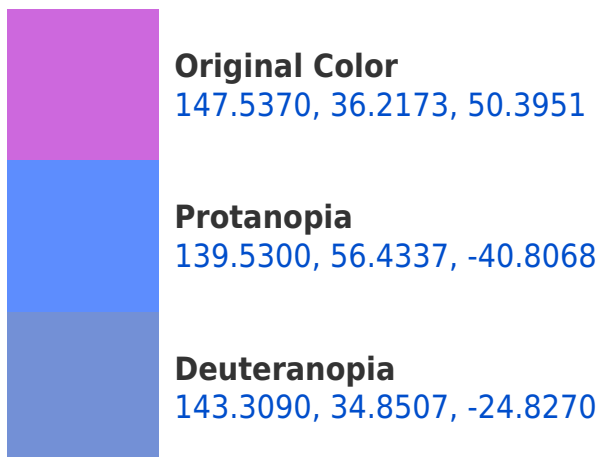


This preview shows how white text looks on a background with the YUV color 147.5370, 36.2173, 50.3951.

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





Tritanopia

147.3580, -6.0925, 40.9050

Trichromacy



Original Color

147.5370, 36.2173, 50.3951



Protanomaly

142.7900, 48.9105, -7.7088



Deuteranomaly

144.7130, 35.6375, 2.8827



Tritanomaly

147.3920, 9.1737, 44.3832

Monochromacy



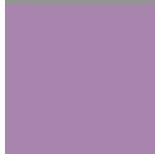
Original Color

147.5370, 36.2173, 50.3951



Achromatopsia

148.0000, 0.0000, 0.0000



Achromatomaly

147.9650, 13.3283, 18.4477

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.5370, 36.2173, 50.3951 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(205, 104, 221)` looks like.

```
.text, #text, p{  
    color:rgb(205, 104, 221)  
}
```

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(205, 104, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 104, 221) }
```

Border

The CSS property to change the border of an element to YUV 147.5370, 36.2173, 50.3951 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(205, 104, 221) }
```


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

```
.border{ border-color:rgb(205, 104, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 104, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 104, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 104, 221);  
box-shadow:4px 4px 4px 4px rgb(205, 104,  
221) }
```

Background

The CSS property to change the background color of an element to YUV 147.5370, 36.2173, 50.3951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 104, 221) }
```

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

```
.background{ background-color: rgb(205,  
104, 221) }
```

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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