

Converting Colors

YUV(172.3230, 20.5468,
36.5507)

Have a look what the booklet for
YUV(172.3230, 20.5468, 36.5507)
contains.

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Color

**YUV(172.3230, 20.5468,
36.5507)**

Conversions

Conversions Part 1

Format	Color
Hex	D68FD6
RGB	214, 143, 214
RGB Percent	84%, 56%, 84%
CMY	0.1608, 0.4392, 0.1608
CMYK	0.00, 0.33, 0.00, 0.16
HSL	300°, 46%, 70%
HSV	300°, 33%, 84%
XYZ	49.6916, 38.7961, 68.4877
YIQ	172.3230, 19.5250, 37.1330

Conversions

Conversions Part 2

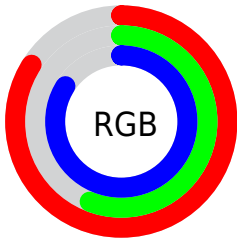
Format	Color
RYB	214, 143, 214
Decimal	14061526
CIELab	68.60, 38.13, -25.49
CIELCh	69, 45.865, 326.230
Yxy	38.7961, 0.3166, 0.2471
Android (android.graphics.Color)	4292251606 (0xFFD68FD6)
YUV	172.3230, 20.5468, 36.5507
Hunter-Lab	62.2865, 33.4043, -21.5923

Details

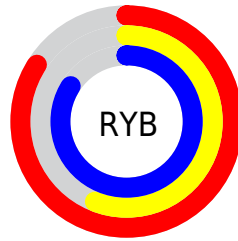
The YUV color **172.3230, 20.5468, 36.5507** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **184.6770, -20.5468, -36.5507**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.5410, 16.4953, 29.3435**, and **118.7850, 19.8260, 34.3916** is the 20% darker color. If you saturate the color by 10%, you get **159.9960, 26.6240, 47.3615**, and if you desaturate by 10%, it is **184.6500, 14.4696, 25.7400**.

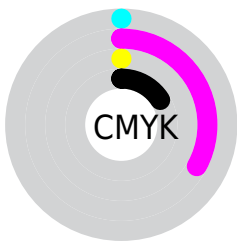
Distribution



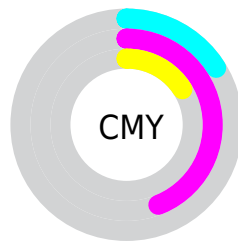
- Red (84%)
- Green (56%)
- Blue (84%)



- Red (84%)
- Yellow (56%)
- Blue (84%)



- Cyan (0%)
- Magenta (33%)
- Yellow (0%)
- Black (16%)





- Cyan (16%)
- Magenta (44%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the YUV color 172.3230, 20.5468, 36.5507 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 172.3230, 20.5468, 36.5507 by changing the saturation by 10% instead.

 172.3230, 20.5468,
36.5507


 172.3230, 20.5468,
36.5507


255.0000, 0.0000,
0.0000


 145.4970, 19.9680,
35.5211


 221.5410, 16.4953,
29.3435


 118.7850, 19.8260,
34.3916

 237.9770, 8.3923,
14.9292

 93.0730, 19.6840,
33.2620

 67.6600, 19.3946,
32.7472

 41.8880, 20.2682,
32.5472

 23.1710, 17.6637,
27.9140

 14.7970, 11.4391,

17.7180

■ 2.1830, 5.8258,
-1.9145

■ 0.0000, 0.0000,
0.0000

■ 172.3230, 20.5468,
36.5507

■ 172.3230, 20.5468,
36.5507

■ 159.9960, 26.6240,
47.3615

■ 184.6500, 14.4696,
25.7400

■ 147.0820, 32.9906,
58.6871

■ 197.5640, 8.1029,
14.4144

■ 134.7550, 39.0678,
69.4979

■ 209.8910, 2.0257,
3.6036

■ 121.8410, 45.4344,
80.8234

■ 222.8050, -4.3409,
-7.7220

■ 109.5140, 51.5116,
91.6342

■ 235.1320,
-10.4181, -18.5328

■ 97.1870, 57.5888,
102.4450

■ 238.0670,
-11.8650, -21.1068

■ 88.3820, 61.9297,
110.1670

Harmonies

Analogous

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



169.6580, 35.6646, -5.8391



172.3230, 20.5468, 36.5507



170.5530, 1.6994, 61.7820

Triad

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



172.3230, 20.5468, 36.5507



164.0460, -39.9557, 28.9007



133.4980, 34.2645, -117.0777

Complementary

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



172.3230, 20.5468, 36.5507



184.6770, -20.5468, -36.5507

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.



133.1950, 13.7079, -103.6570



172.3230, 20.5468, 36.5507



160.2160, -34.6165, -3.6974

Square

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



172.3230, 20.5468, 36.5507



166.6330, -33.3431, 54.6959



153.3820, -16.4573, -41.5540



134.2110, 49.6890, -117.7030

Rectangle

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



172.3230, 20.5468, 36.5507



169.1550, -11.4154, 68.2701



153.3820, -16.4573, -41.5540



132.4890, 27.8599, -116.1929

Sweetspot

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



172.3230, 20.5468, 36.5507



240.3250, 7.2348, 12.8700



151.0940, 31.0127, -7.0984



118.6080, 4.6303, 8.2368



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.



172.3230, 20.5468, 36.5507



195.1260, 29.5179, 52.5095



168.3330, 5.2588, 40.0500



100.5430, 3.1833, 5.6628



70.6230, 49.4859, 88.0306



17.7590, 12.4438, 22.1364

Inverse Universe

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



172.3230, 20.5468, 36.5507



195.1260, 29.5179, 52.5095



188.7810, -4.8220, -40.1499



100.5430, 3.1833, 5.6628



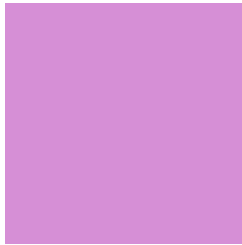
70.6230, 49.4859, 88.0306



17.7590, 12.4438, 22.1364

Previews

White Background



This preview shows how the YUV color 172.3230, 20.5468, 36.5507 looks on a white background.

Color Contrast Check

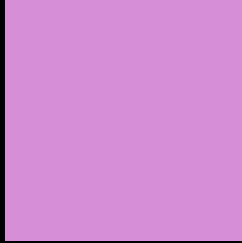
Large Text (above 18pt) WCAG AA × Fail

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 172.3230, 20.5468, 36.5507 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

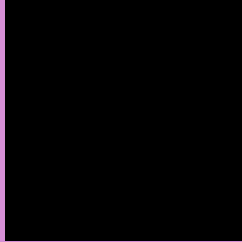
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 172.3230, 20.5468, 36.5507

Background



This preview shows how black text looks on a background with the YUV color 172.3230, 20.5468, 36.5507.



This preview shows how white text looks on a background with the YUV color 172.3230, 20.5468, 36.5507.

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

172.3230, 20.5468, 36.5507

Protanopia

167.4410, 31.3346, -17.0498

Deuteranopia

168.6460, 20.3875, -5.8285



Tritanopia

170.5140, -2.7184, 31.9982

Trichromacy



Original Color

172.3230, 20.5468, 36.5507



Protanomaly

169.2370, 27.4912, 2.4232



Deuteranomaly

169.7450, 20.3387, 9.8706



Tritanomaly

171.1150, 5.8593, 34.1021

Monochromacy



Original Color

172.3230, 20.5468, 36.5507



Achromatopsia

172.0000, 0.0000, 0.0000



Achromatomaly

171.7380, 7.5242, 13.3848

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.3230, 20.5468, 36.5507 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(214, 143, 214)` looks like.

```
.text, #text, p{  
    color:rgb(214, 143, 214)  
}
```

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(214, 143, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 143, 214) }
```

Border

The CSS property to change the border of an element to YUV 172.3230, 20.5468, 36.5507 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(214, 143, 214) }
```


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

```
.border{ border-color:rgb(214, 143, 214) }
```

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

Here you see how a box with a 4 pixel rgb(214, 143, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 143, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 143, 214);  
box-shadow:4px 4px 4px 4px rgb(214, 143,  
214) }
```

Background

The CSS property to change the background color of an element to YUV 172.3230, 20.5468, 36.5507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 143, 214) }
```

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

```
.background{ background-color: rgb(214,  
143, 214) }
```

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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