

Converting Colors

YUV(170.4250, 5.7065, 36.4613)

Have a look what the booklet for
YUV(170.4250, 5.7065, 36.4613)
contains.

YUV(170.4250, 5.7065, 36.4613)	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(170.4250, 5.7065,
36.4613)**

Conversions

Conversions Part 1

Format	Color
Hex	D493B6
RGB	212, 147, 182
RGB Percent	83%, 58%, 71%
CMY	0.1686, 0.4235, 0.2863
CMYK	0.00, 0.31, 0.14, 0.17
HSL	328°, 43%, 70%
HSV	328°, 31%, 83%
XYZ	46.0286, 38.2419, 49.2114
YIQ	170.4250, 27.5050, 24.6650

Conversions

Conversions Part 2

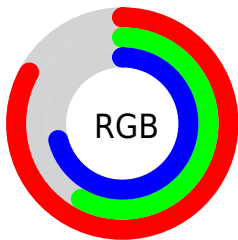
Format	Color
R _Y B	212, 147, 182
Decimal	13931446
CIE Lab	68.20, 29.72, -8.31
CIE LCh	68, 30.861, 344.370
Yxy	38.2419, 0.3448, 0.2865
Android (android.graphics.Color)	4292121526 (0xFFD493B6)
YUV	170.4250, 5.7065, 36.4613
Hunter-Lab	61.8400, 24.6406, -3.8941

Details

The YUV color **170.4250, 5.7065, 36.4613** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **188.5750, -5.7065, -36.4613**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.9510, 7.9122, 28.9840**, and **117.1150, 5.8593, 34.1021** is the 20% darker color. If you saturate the color by 10%, you get **156.9580, 7.4157, 48.2718**, and if you desaturate by 10%, it is **183.8920, 3.9972, 24.6507**.

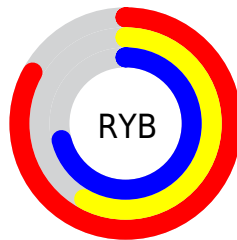
Distribution



Red (83%)

Green (58%)

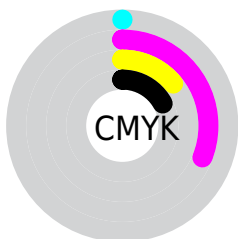
Blue (71%)



Red (83%)

Yellow (58%)

Blue (71%)

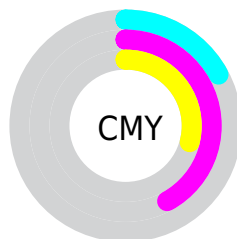


Cyan (0%)

Magenta (31%)

Yellow (14%)

Black (17%)



Cyan (17%)

Magenta (42%)

Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the YUV color 170.4250, 5.7065, 36.4613 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 170.4250, 5.7065, 36.4613 by changing the saturation by 10% instead.


 170.4250, 5.7065,
36.4613

 170.4250, 5.7065,
36.4613


255.0000, 0.0000,
0.0000

 143.7130, 5.5645,
35.3317


 221.9510, 7.9122,
28.9840

 117.1150, 5.8593,
34.1021

 240.3250, 7.2348,
12.8700

 92.4030, 5.7173,
32.9726

 67.8050, 6.0121,
31.7430

 43.3210, 6.7437,
30.4135

 20.1360, 7.3280,
29.6987

 11.3490, 0.8139,

18.9879

■ 0.0000, 0.0000,
0.0000

■ 170.4250, 5.7065,
36.4613

■ 170.4250, 5.7065,
36.4613

■ 156.9580, 7.4157,
48.2718

■ 183.8920, 3.9972,
24.6507

■ 143.4910, 9.1249,
60.0824

■ 197.3590, 2.2880,
12.8402

■ 129.5510, 11.5604,
72.3078

■ 211.2990, -0.1474,
0.6148

■ 116.0840, 13.2696,
84.1183

■ 224.7660, -1.8566,
-11.1958

■ 102.6170, 14.9788,
95.9289

■ 238.2330, -3.5659,
-23.0063

■ 89.1500, 16.6880,
107.7394

■ 240.5470, 0.2233,
-25.0357

■ 76.3840, 18.5447,
118.9352

■ 241.5730, 4.1545,
-25.9355

■ 242.1430, 6.3385,
-26.4354

Harmonies

Analogous

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



169.7950, 17.8491, 15.0888



170.4250, 5.7065, 36.4613



169.6360, -7.7085, 45.9232

Triad

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



170.4250, 5.7065, 36.4613



163.3990, -25.3397, 7.5431



151.3520, 25.9555, -65.2067

Complementary

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



170.4250, 5.7065, 36.4613



188.5750, -5.7065, -36.4613

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.



151.1600, 13.7251, -62.4073



170.4250, 5.7065, 36.4613



159.8350, -16.6807, -16.5183

Square

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



170.4250, 5.7065, 36.4613



165.7160, -25.9890, 29.1901



155.6390, -2.7800, -41.7794



158.5100, 29.8216, -45.1743

Rectangle

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



170.4250, 5.7065, 36.4613



168.1600, -15.8549, 45.4637



155.6390, -2.7800, -41.7794



149.9450, 23.1981, -67.4808

Sweetspot

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



170.4250, 5.7065, 36.4613



240.2450, 1.8512, 12.9401



163.0810, 24.1171, 11.3300



118.3970, 1.2833, 8.4218



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.



170.4250, 5.7065, 36.4613



194.8060, 7.9836, 52.7901



166.7770, -8.2711, 39.6606



99.9730, 0.9993, 6.1627



61.6170, 14.9788, 95.9289



15.4790, 3.7079, 24.1359

Inverse Universe

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



170.4250, 5.7065, 36.4613



194.8060, 7.9836, 52.7901



192.2230, 8.2711, -39.6606



99.9730, 0.9993, 6.1627



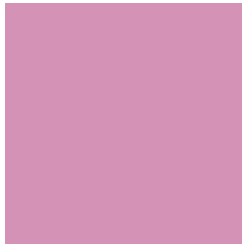
61.6170, 14.9788, 95.9289



15.4790, 3.7079, 24.1359

Previews

White Background



This preview shows how the YUV color 170.4250, 5.7065, 36.4613 looks on a white background.

Color Contrast Check

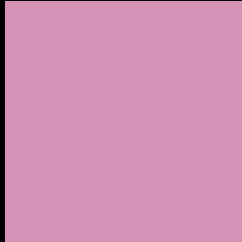
Large Text (above 18pt) WCAG AA × Fail

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 170.4250, 5.7065, 36.4613 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

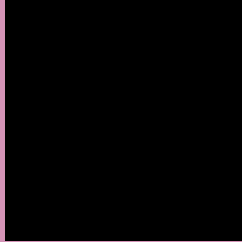
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 170.4250, 5.7065, 36.4613

Background



This preview shows how black text looks on a background with the YUV color 170.4250, 5.7065, 36.4613.



This preview shows how white text looks on a background with the YUV color 170.4250, 5.7065,

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

170.4250, 5.7065, 36.4613

Protanopia

167.1100, 13.2568, -5.3585

Deuteranopia

168.4230, 5.2145, 7.5220



Tritanopia

169.8950, -3.8922, 35.1721

Trichromacy



Original Color

170.4250, 5.7065, 36.4613

Protanomaly

168.2260, 10.7346, 10.3258

Deuteranomaly

169.4890, 5.1819, 17.9881

Tritanomaly

170.4050, -0.6927, 35.6018

Monochromacy



Original Color

170.4250, 5.7065, 36.4613

Achromatopsia

170.0000, 0.0000, 0.0000

Achromatomaly

170.2450, 1.8512, 12.9401

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.4250, 5.7065, 36.4613 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(212, 147, 182)` looks like.

```
.text, #text, p{  
    color:rgb(212, 147, 182)  
}
```

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(212, 147, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 147, 182) }
```

Border

The CSS property to change the border of an element to YUV 170.4250, 5.7065, 36.4613 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(212, 147, 182) }
```


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

```
.border{ border-color:rgb(212, 147, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 147, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 147, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 147, 182);  
box-shadow:4px 4px 4px 4px rgb(212, 147,  
182) }
```

Background

The CSS property to change the background color of an element to YUV 170.4250, 5.7065, 36.4613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 147, 182) }
```

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

```
.background{ background-color: rgb(212,  
147, 182) }
```

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