

Converting Colors

YUV(162.6430, 5.1060, 42.4091)

Have a look what the booklet for
YUV(162.6430, 5.1060, 42.4091)
contains.

YUV(162.6430, 5.1060, 42.4091)	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(162.6430, 5.1060,
42.4091)**

Conversions

Conversions Part 1

Format	Color
Hex	D388AD
RGB	211, 136, 173
RGB Percent	83%, 53%, 68%
CMY	0.1725, 0.4667, 0.3216
CMYK	0.00, 0.36, 0.18, 0.17
HSL	330°, 46%, 68%
HSV	330°, 36%, 83%
XYZ	43.2110, 34.4743, 43.9119
YIQ	162.6430, 32.8230, 27.4070

Conversions

Conversions Part 2

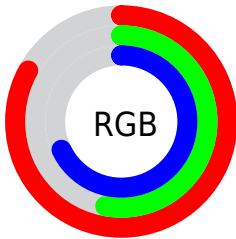
Format	Color
R _Y B	211, 136, 173
Decimal	13863085
CIE Lab	65.34, 33.87, -7.53
CIE LCh	65, 34.698, 347.470
Yxy	34.4743, 0.3554, 0.2835
Android (android.graphics.Color)	4292053165 (0xFFD388AD)
YUV	162.6430, 5.1060, 42.4091
Hunter-Lab	58.7148, 28.6154, -3.2417

Details

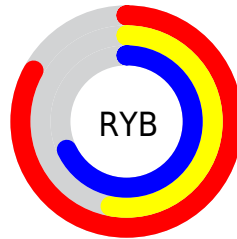
The YUV color **162.6430, 5.1060, 42.4091** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **184.3570, -5.1060, -42.4091**, and the grayscale version is **163.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.7670, 7.0169, 36.1613**, and **110.0340, 5.4062, 39.4352** is the 20% darker color. If you saturate the color by 10%, you get **149.0620, 6.3784, 54.3196**, and if you desaturate by 10%, it is **176.2240, 3.8336, 30.4986**.

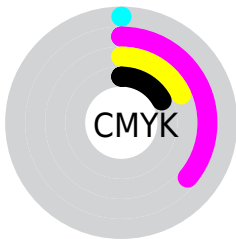
Distribution



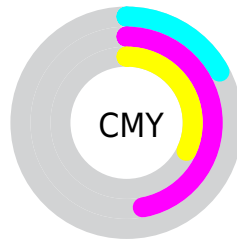
- Red (83%)
- Green (53%)
- Blue (68%)



- Red (83%)
- Yellow (53%)
- Blue (68%)



- Cyan (0%)
- Magenta (36%)
- Yellow (18%)
- Black (17%)




- Cyan (17%)
- Magenta (47%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the YUV color 162.6430, 5.1060, 42.4091 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 162.6430, 5.1060, 42.4091 by changing the saturation by 10% instead.

 162.6430, 5.1060,
42.4091


 162.6430, 5.1060,
42.4091

255.0000, 0.0000,
0.0000

 135.9310, 4.9640,
41.2795

 213.7670, 7.0169,
36.1613


 110.0340, 5.4062,
39.4352

 233.2810, 10.7075,
19.0476

 84.4360, 5.7011,
38.2056

 250.3040, 2.3151,
4.1184

 59.8380, 5.9959,
36.9761

 33.7070, 8.0324,
37.0910

 18.8540, 5.0020,
29.0690

 8.1870, -3.5432,

16.4990

■ 0.0000, 0.0000,
0.0000

■ 162.6430, 5.1060,
42.4091

■ 162.6430, 5.1060,
42.4091

■ 149.0620, 6.3784,
54.3196

■ 176.2240, 3.8336,
30.4986

■ 135.5950, 8.0877,
66.1302

■ 189.6910, 2.1243,
18.6880

■ 122.0140, 9.3601,
78.0407

■ 203.2720, 0.8519,
6.7775

■ 108.4330, 10.6325,
89.9513

■ 216.8530, -0.4205,
-5.1331

■ 94.9660, 12.3418,
101.7618

■ 230.9070, -2.4192,
-17.4584

■ 80.7980, 13.9036,
114.1872

■ 239.7920, -1.3765,
-25.2506

■ 74.9450, 14.3241,
119.3202

■ 241.0460, 3.4283,
-26.3503

■ 241.8440, 6.4859,
-27.0502

Harmonies

Analogous

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



162.7570, 18.8538, 19.5071



162.6430, 5.1060, 42.4091



161.0990, -9.9088, 51.6562

Triad

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



162.6430, 5.1060, 42.4091



154.4050, -27.8077, 5.7838



136.6640, 32.7036, -83.0203

Complementary

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



162.6430, 5.1060, 42.4091



184.3570, -5.1060, -42.4091

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.



136.2440, 19.5997, -80.0210



162.6430, 5.1060, 42.4091



150.6880, -17.1012, -21.6514

Square

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



162.6430, 5.1060, 42.4091



157.5050, -29.3360, 29.3751



144.5670, -0.2795, -50.4863



149.9160, 34.0584, -50.7923

Rectangle

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



162.6430, 5.1060, 42.4091



160.0850, -18.7759, 49.0375



144.5670, -0.2795, -50.4863



134.5340, 29.8097, -88.1683

Sweetspot

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



162.6430, 5.1060, 42.4091



236.9680, 1.9878, 15.8141



155.6130, 27.3058, 15.2484



116.9950, 0.9885, 9.6514



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.



162.6430, 5.1060, 42.4091



184.0460, 7.3723, 62.2267



158.4250, -11.0555, 46.1083



97.8590, 0.5625, 6.2627



59.6940, 11.4899, 94.9844



14.5390, 2.6923, 23.2063

Inverse Universe

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



162.6430, 5.1060, 42.4091



184.0460, 7.3723, 62.2267



188.5750, 11.0555, -46.1083



97.8590, 0.5625, 6.2627



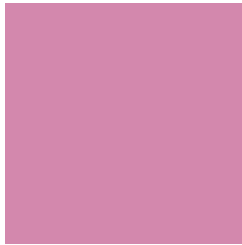
59.6940, 11.4899, 94.9844



14.5390, 2.6923, 23.2063

Previews

White Background



This preview shows how the YUV color 162.6430, 5.1060, 42.4091 looks on a white background.

Color Contrast Check

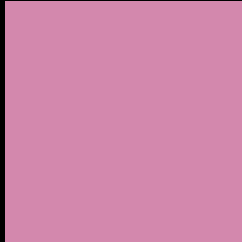
Large Text (above 18pt) WCAG AA × Fail

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 162.6430, 5.1060, 42.4091 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

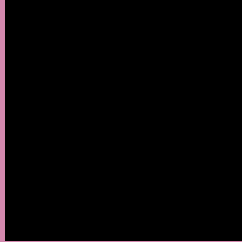
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 162.6430, 5.1060, 42.4091

Background



This preview shows how black text looks on a background with the YUV color 162.6430, 5.1060, 42.4091.



This preview shows how white text looks on a background with the YUV color 162.6430, 5.1060,

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

162.6430, 5.1060, 42.4091

Protanopia

159.8110, 13.4042, -5.9732

Deuteranopia

160.6080, 4.6303, 8.2368



Tritanopia

161.8850, -5.3663, 41.3199

Trichromacy



Original Color

162.6430, 5.1060, 42.4091

Protanomaly

160.8240, 10.4398, 11.5554

Deuteranomaly

161.0980, 4.8817, 20.9621

Tritanomaly

162.5090, -1.7299, 41.6496

Monochromacy



Original Color

162.6430, 5.1060, 42.4091

Achromatopsia

163.0000, 0.0000, 0.0000

Achromatomaly

162.6690, 2.1352, 15.1993

CSS Examples

Text

The CSS property to change the color of the text to YUV 162.6430, 5.1060, 42.4091 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(211, 136, 173)` looks like.

```
.text, #text, p{  
    color:rgb(211, 136, 173)  
}
```

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(211, 136, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 136, 173) }
```

Border

The CSS property to change the border of an element to YUV 162.6430, 5.1060, 42.4091 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(211, 136, 173) }
```


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

```
.border{ border-color:rgb(211, 136, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 136, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 136, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 136, 173);  
box-shadow:4px 4px 4px 4px rgb(211, 136,  
173) }
```

Background

The CSS property to change the background color of an element to YUV 162.6430, 5.1060, 42.4091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 136, 173) }
```

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

```
.background{ background-color: rgb(211,  
136, 173) }
```

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