

Converting Colors

YUV(171.0620, 2.9274, 41.1646)

Have a look what the booklet for
YUV(171.0620, 2.9274, 41.1646)
contains.

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Color

**YUV(171.0620, 2.9274,
41.1646)**

Conversions

Conversions Part 1

Format	Color
Hex	DA92B1
RGB	218, 146, 177
RGB Percent	85%, 57%, 69%
CMY	0.1451, 0.4275, 0.3059
CMYK	0.00, 0.33, 0.19, 0.15
HSL	334°, 49%, 71%
HSV	334°, 33%, 85%
XYZ	47.1281, 38.6375, 46.5688
YIQ	171.0620, 32.9610, 24.9050

Conversions

Conversions Part 2

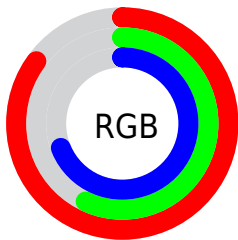
Format	Color
R_{YB}	218, 146, 177
Decimal	14324401
CIE _{Lab}	68.49, 31.57, -5.02
CIE _{LCh}	68, 31.971, 350.970
Yxy	38.6375, 0.3561, 0.2920
Android (android.graphics.Color)	4292514481 (0xFFDA92B1)
YUV	171.0620, 2.9274, 41.1646
Hunter-Lab	62.1591, 26.5578, -0.9080

Details

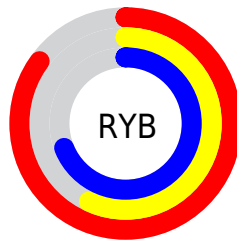
The YUV color **171.0620, 2.9274, 41.1646** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **192.9380, -2.9274, -41.1646**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.7940, 6.0176, 29.9987**, and **117.7520, 3.0803, 38.8055** is the 20% darker color. If you saturate the color by 10%, you get **156.7800, 4.0525, 53.6899**, and if you desaturate by 10%, it is **185.3440, 1.8024, 28.6393**.

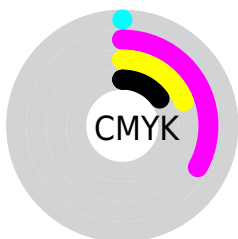
Distribution



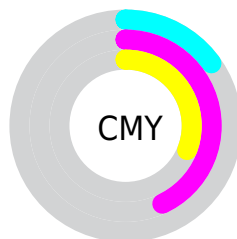
- Red (85%)
- Green (57%)
- Blue (69%)



- Red (85%)
- Yellow (57%)
- Blue (69%)



- Cyan (0%)
- Magenta (33%)
- Yellow (19%)
- Black (15%)



- Cyan (15%)
- Magenta (43%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.0620, 2.9274, 41.1646 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 171.0620, 2.9274, 41.1646 by changing the saturation by 10% instead.

■ 171.0620, 2.9274,
41.1646

■ 171.0620, 2.9274,
41.1646

255.0000, 0.0000,
0.0000

■ 144.3500, 2.7855,
40.0351

■ 220.7940, 6.0176,
29.9987

■ 117.7520, 3.0803,
38.8055

■ 239.7380, 7.5242,
13.3848

■ 92.8550, 3.5225,
36.9612

■ 67.9580, 3.9647,
35.1168

■ 43.1860, 4.8383,
34.9169

■ 20.9900, 5.4279,
32.4578

■ 12.1600, -2.5439,

22.6617

0.0000, 0.0000,
0.0000

171.0620, 2.9274,
41.1646

171.0620, 2.9274,
41.1646

156.7800, 4.0525,
53.6899

185.3440, 1.8024,
28.6393

142.3840, 4.7407,
66.3152

199.7400, 1.1142,
16.0140

128.6890, 5.5763,
78.3257

213.4350, 0.2785,
4.0035

114.2930, 6.2646,
90.9510

227.8310, -0.4097,
-8.6218

100.0110, 7.3896,
103.4764

242.1130, -1.5347,
-21.1471

■ 85.7290, 8.5146,
116.0017

■ 243.4810, 3.7069,
-22.3468

■ 75.8980, 8.9243,
124.6235

■ 243.9370, 5.4541,
-22.7467

Harmonies

Analogous

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



171.3720, 16.0856, 20.7218



171.0620, 2.9274, 41.1646



169.8490, -10.7716, 48.3674

Triad

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



171.0620, 2.9274, 41.1646



163.3660, -25.3234, 2.3100



151.8510, 29.1605, -66.5213

Complementary

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



171.0620, 2.9274, 41.1646



192.9380, -2.9274, -41.1646

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.



149.9680, 18.2568, -69.2549



171.0620, 2.9274, 41.1646



159.6600, -14.6224, -23.3808

Square

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



171.0620, 2.9274, 41.1646



165.9390, -27.5779, 25.4865



154.3330, 1.3148, -48.5270



160.5860, 31.2631, -40.8559

Rectangle

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



171.0620, 2.9274, 41.1646



168.6500, -19.0544, 45.0340



154.3330, 1.3148, -48.5270



150.4330, 26.4085, -70.5397

Sweetspot

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



171.0620, 2.9274, 41.1646



238.6150, 0.6828, 14.3696



166.4670, 25.4058, 18.0074



117.5820, 0.6991, 9.1366



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.



171.0620, 2.9274, 41.1646



188.5140, 4.1836, 58.3082



170.4630, -12.0603, 41.6899



102.7450, 0.1257, 6.3626



60.2770, 7.2584, 98.8581



16.0340, 1.9552, 26.2802

Inverse Universe

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



171.0620, 2.9274, 41.1646



188.5140, 4.1836, 58.3082



193.5370, 12.0603, -41.6899



102.7450, 0.1257, 6.3626



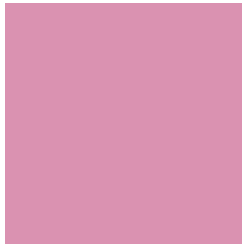
60.2770, 7.2584, 98.8581



16.0340, 1.9552, 26.2802

Previews

White Background



This preview shows how the YUV color 171.0620, 2.9274, 41.1646 looks on a white background.

Color Contrast Check

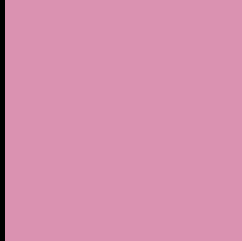
Large Text (above 18pt) WCAG AA × Fail

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 171.0620, 2.9274, 41.1646 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

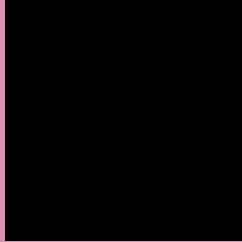
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 171.0620, 2.9274, 41.1646

Background



This preview shows how black text looks on a background with the YUV color 171.0620, 2.9274, 41.1646.



This preview shows how white text looks on a background with the YUV color 171.0620, 2.9274,

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

171.0620, 2.9274, 41.1646

Protanopia

168.1380, 10.7780, -3.6290

Deuteranopia

169.0490, 2.4408, 10.4810



Tritanopia

170.2870, -5.0715, 40.0903

Trichromacy



Original Color

171.0620, 2.9274, 41.1646

Protanomaly

169.4390, 7.6716, 12.7700

Deuteranomaly

169.5280, 2.6977, 21.4619

Tritanomaly

170.6830, -2.3087, 40.6200

Monochromacy



Original Color

171.0620, 2.9274, 41.1646

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

171.0280, 0.9722, 14.8844

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.0620, 2.9274, 41.1646 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(218, 146, 177)` looks like.

```
.text, #text, p{  
    color:rgb(218, 146, 177)  
}
```

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(218, 146, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 146, 177) }
```

Border

The CSS property to change the border of an element to YUV 171.0620, 2.9274, 41.1646 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(218, 146, 177) }
```


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

```
.border{ border-color:rgb(218, 146, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 146, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 146, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 146, 177);  
box-shadow:4px 4px 4px 4px rgb(218, 146,  
177) }
```

Background

The CSS property to change the background color of an element to YUV 171.0620, 2.9274, 41.1646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 146, 177) }
```

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

```
.background{ background-color: rgb(218,  
146, 177) }
```

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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