

Converting Colors

YUV(166.2600, -4.0722,
46.2530)

Have a look what the booklet for
YUV(166.2600, -4.0722, 46.2530)
contains.

YUV(166.2600, -4.0722, 46.2530)	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(166.2600, -4.0722,
46.2530)**

Conversions

Conversions Part 1

Format	Color
Hex	DB8D9E
RGB	219, 141, 158
RGB Percent	86%, 55%, 62%
CMY	0.1412, 0.4471, 0.3804
CMYK	0.00, 0.36, 0.28, 0.14
HSL	347°, 52%, 71%
HSV	347°, 36%, 86%
XYZ	44.9098, 36.5784, 37.0411
YIQ	166.2600, 41.0310, 21.8230

Conversions

Conversions Part 2

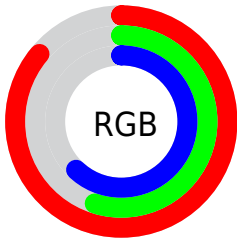
Format	Color
R _Y B	219, 141, 158
Decimal	14388638
CIE Lab	66.96, 31.85, 3.42
CIE LCh	67, 32.036, 6.123
Yxy	36.5784, 0.3789, 0.3086
Android (android.graphics.Color)	4292578718 (0xFFDB8D9E)
YUV	166.2600, -4.0722, 46.2530
Hunter-Lab	60.4801, 26.7060, 6.0239

Details

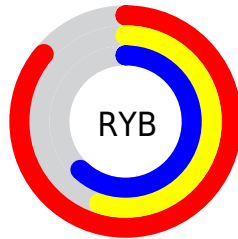
The YUV color **166.2600, -4.0722, 46.2530** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **193.7400, 4.0722, -46.2530**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.9920, -0.9821, 35.0870**, and **112.8790, -2.8983, 43.0791** is the 20% darker color. If you saturate the color by 10%, you get **151.4080, -5.1311, 59.2782**, and if you desaturate by 10%, it is **181.1120, -3.0132, 33.2278**.

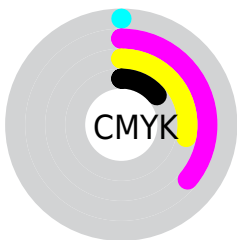
Distribution



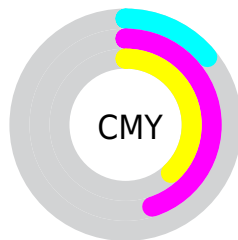
- Red (86%)
- Green (55%)
- Blue (62%)



- Red (86%)
- Yellow (55%)
- Blue (62%)



- Cyan (0%)
- Magenta (36%)
- Yellow (28%)
- Black (14%)



- Cyan (14%)
- Magenta (45%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.2600, -4.0722, 46.2530 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 166.2600, -4.0722, 46.2530 by changing the saturation by 10% instead.

166.2600, -4.0722,
46.2530

166.2600, -4.0722,
46.2530

255.0000, 0.0000,
0.0000

139.3630, -3.6300,
44.4086

214.9920, -0.9821,
35.0870

112.8790, -2.8983,
43.0791

235.2070, 2.8559,
17.3585

87.9820, -2.4561,
41.2348

253.8260, 0.5788,
1.0296

63.1990, -1.5771,
39.2905

38.2420, -0.1193,
38.3758

18.9810, -0.9766,
33.3427

9.9810, -4.4276,

20.1877

■ 0.0000, 0.0000,
0.0000

■ 166.2600, -4.0722,
46.2530

■ 166.2600, -4.0722,
46.2530

■ 151.4080, -5.1311,
59.2782

■ 181.1120, -3.0132,
33.2278

■ 136.5560, -6.1901,
72.3034

■ 195.9640, -1.9543,
20.2026

■ 121.7040, -7.2491,
85.3286

■ 210.8160, -0.8953,
7.1774

■ 106.7380, -8.7448,
98.4538

■ 225.7820, 0.6005,
-5.9478

■ 92.4730, -10.0932,
110.9642

■ 240.6340, 1.6594,
-18.9730

■ 77.6210, -11.1522,
123.9894

■ 244.2360, 5.3067,
-22.1320

■ 70.9530, -11.3158,
129.8372

Harmonies

Analogous

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



166.8420, 9.9379, 32.5876



166.2600, -4.0722, 46.2530



164.8180, -17.1653, 45.7636

Triad

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



166.2600, -4.0722, 46.2530



157.2550, -20.3387, -9.8706



152.0850, 31.0171, -55.3255

Complementary

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



166.2600, -4.0722, 46.2530



193.7400, 4.0722, -46.2530

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.



145.0800, 25.1036, -71.9842



166.2600, -4.0722, 46.2530



152.9340, -6.8695, -36.7761

Square

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



166.2600, -4.0722, 46.2530



160.5740, -27.3980, 14.4056



147.5470, 10.0833, -60.9927



161.1150, 29.0303, -24.6569

Rectangle

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



166.2600, -4.0722, 46.2530



163.7650, -23.5481, 39.6711



147.5470, 10.0833, -60.9927



148.8020, 30.1706, -63.8474

Sweetspot

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



166.2600, -4.0722, 46.2530



236.0560, -1.5066, 16.6139



167.8320, 25.2258, 29.0883



116.5390, -0.7587, 10.0513



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.



166.2600, -4.0722, 46.2530



180.6260, -5.7316, 65.2260



176.6490, -17.5750, 37.1418



102.5170, -0.7479, 6.5626



56.0590, -8.9031, 102.5573



14.8940, -2.4127, 27.2800

Inverse Universe

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



166.2600, -4.0722, 46.2530



180.6260, -5.7316, 65.2260



183.3510, 17.5750, -37.1418



102.5170, -0.7479, 6.5626



56.0590, -8.9031, 102.5573



14.8940, -2.4127, 27.2800

Previews

White Background



This preview shows how the YUV color 166.2600, -4.0722, 46.2530 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 166.2600, -4.0722, 46.2530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

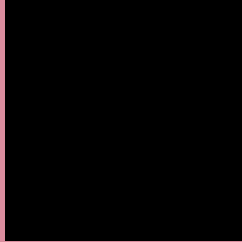
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 166.2600, -4.0722, 46.2530

Background



This preview shows how black text looks on a background with the YUV color 166.2600, -4.0722, 46.2530.



This preview shows how white text looks on a background with the YUV color 166.2600, -4.0722,

46.2530.

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

166.2600, -4.0722, 46.2530

Protanopia

163.5100, 3.1996, 0.4297

Deuteranopia

164.8340, -4.8482, 15.0546



Tritanopia

165.9780, -6.3982, 45.6233

Trichromacy



Original Color

166.2600, -4.0722, 46.2530

Protanomaly

164.3380, 0.8194, 17.2436

Deuteranomaly

165.3130, -4.5913, 26.0355

Tritanomaly

166.2060, -5.5246, 45.4233

Monochromacy



Original Color

166.2600, -4.0722, 46.2530

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

166.0560, -1.5066, 16.6139

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.2600, -4.0722, 46.2530 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(219, 141, 158)` looks like.

```
.text, #text, p{  
    color:rgb(219, 141, 158)  
}
```

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(219, 141, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 141, 158) }
```

Border

The CSS property to change the border of an element to YUV 166.2600, -4.0722, 46.2530 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(219, 141, 158) }
```


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

```
.border{ border-color:rgb(219, 141, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 141, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 141, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 141, 158);  
box-shadow:4px 4px 4px 4px rgb(219, 141,  
158) }
```

Background

The CSS property to change the background color of an element to YUV 166.2600, -4.0722, 46.2530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 141, 158) }
```

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

```
.background{ background-color: rgb(219,  
141, 158) }
```

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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