

Converting Colors

YUV(163.4740, 8.1473, 46.9423)

Have a look what the booklet for
YUV(163.4740, 8.1473, 46.9423)
contains.

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Color

**YUV(163.4740, 8.1473,
46.9423)**

Conversions

Conversions Part 1

Format	Color
Hex	D985B4
RGB	217, 133, 180
RGB Percent	85%, 52%, 71%
CMY	0.1490, 0.4784, 0.2941
CMYK	0.00, 0.39, 0.17, 0.15
HSL	326°, 52%, 69%
HSV	326°, 39%, 85%
XYZ	45.2410, 34.8221, 47.5169
YIQ	163.4740, 34.9770, 32.4250

Conversions

Conversions Part 2

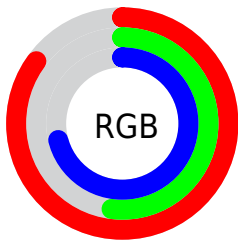
Format	Color
R_{YB}	217, 133, 180
Decimal	14255540
CIE _{Lab}	65.61, 38.63, -11.00
CIE _{LCh}	66, 40.160, 344.110
Yxy	34.8221, 0.3546, 0.2729
Android (android.graphics.Color)	4292445620 (0xFFD985B4)
YUV	163.4740, 8.1473, 46.9423
Hunter-Lab	59.0102, 33.5817, -6.4350

Details

The YUV color **163.4740, 8.1473, 46.9423** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **186.5260, -8.1473, -46.9423**, and the grayscale version is **163.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.9180, 11.3794, 36.9059**, and **109.8650, 8.4476, 43.9684** is the 20% darker color. If you saturate the color by 10%, you get **149.4200, 10.1459, 59.2677**, and if you desaturate by 10%, it is **177.5280, 6.1487, 34.6169**.

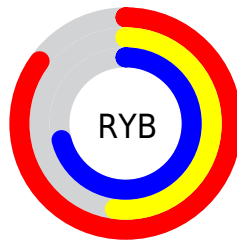
Distribution



Red (85%)

Green (52%)

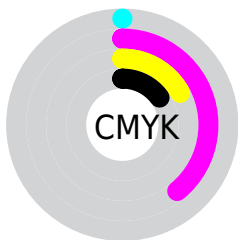
Blue (71%)



Red (85%)

Yellow (52%)

Blue (71%)

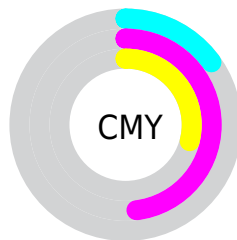


Cyan (0%)

Magenta (39%)

Yellow (17%)

Black (15%)



Cyan (15%)

Magenta (48%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.4740, 8.1473, 46.9423 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 163.4740, 8.1473, 46.9423 by changing the saturation by 10% instead.

163.4740, 8.1473,
46.9423

163.4740, 8.1473,
46.9423

255.0000, 0.0000,
0.0000

136.4630, 8.1527,
45.1979

212.9180, 11.3794,
36.9059

109.8650, 8.4476,
43.9684

232.1070, 11.2862,
20.0772

84.2670, 8.7424,
42.7388

248.5430, 3.1833,
5.6628

59.0820, 9.3266,
42.0241

30.4890, 12.0839,
44.2981

20.6200, 6.5963,
31.0283

10.5940, -0.7858,

18.7731

■ 0.0000, 0.0000,
0.0000

■ 163.4740, 8.1473,
46.9423

■ 163.4740, 8.1473,
46.9423

■ 149.4200, 10.1459,
59.2677

■ 177.5280, 6.1487,
34.6169

■ 136.0670, 12.2920,
70.9782

■ 190.8810, 4.0027,
22.9064

■ 122.0130, 14.2906,
83.3036

■ 204.9350, 2.0040,
10.5810

■ 108.0730, 16.7260,
95.5290

■ 218.8750, -0.4314,
-1.6444

■ 94.6060, 18.4352,
107.3395

■ 232.9290, -2.4300,
-13.9697

■ 80.6660, 20.8707,
119.5649

■ 241.5860, -2.2609,
-21.5619

■ 78.6770, 20.8652,
121.3093

■ 242.7260, 2.1071,
-22.5617

■ 243.6380, 5.6015,
-23.3615

Harmonies

Analogous

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



163.8970, 23.2218, 18.5073



163.4740, 8.1473, 46.9423



161.7840, -8.7675, 58.9484

Triad

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



163.4740, 8.1473, 46.9423



155.0480, -33.0547, 8.7279



127.0240, 39.9212, -111.4000

Complementary

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



163.4740, 8.1473, 46.9423



186.5260, -8.1473, -46.9423

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.



124.5500, 25.3649, -109.2303



163.4740, 8.1473, 46.9423



150.4230, -21.9005, -22.2960

Square

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



163.4740, 8.1473, 46.9423



158.3980, -33.7202, 35.6080



142.3550, -2.1470, -58.1933



143.7330, 41.5436, -71.6798

Rectangle

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



163.4740, 8.1473, 46.9423



160.6130, -19.5292, 57.3444



142.3550, -2.1470, -58.1933



126.5850, 35.7006, -111.0150

Sweetspot

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



163.4740, 8.1473, 46.9423



235.3210, 3.2927, 17.2585



153.3400, 31.3844, 13.7338



116.5220, 1.7147, 10.0662



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.



163.4740, 8.1473, 46.9423



180.3930, 11.1453, 65.4303



158.8000, -9.7614, 51.0414



102.9730, 0.9993, 6.1627



62.7850, 16.8680, 96.6586



16.7180, 4.5760, 25.6803

Inverse Universe

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



163.4740, 8.1473, 46.9423



180.3930, 11.1453, 65.4303



191.2000, 9.7614, -51.0414



102.9730, 0.9993, 6.1627



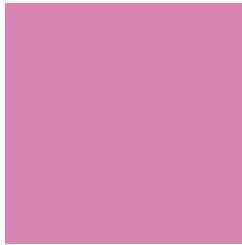
62.7850, 16.8680, 96.6586



16.7180, 4.5760, 25.6803

Previews

White Background



This preview shows how the YUV color 163.4740, 8.1473, 46.9423 looks on a white background.

Color Contrast Check

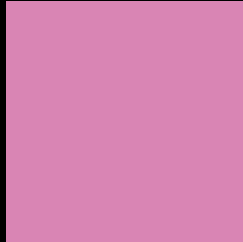
Large Text (above 18pt) WCAG AA × Fail

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 163.4740, 8.1473, 46.9423 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

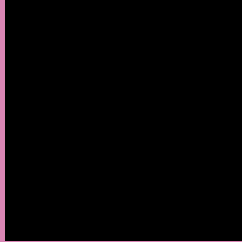
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 163.4740, 8.1473, 46.9423

Background



This preview shows how black text looks on a background with the YUV color 163.4740, 8.1473, 46.9423.



This preview shows how white text looks on a background with the YUV color 163.4740, 8.1473,

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

163.4740, 8.1473, 46.9423

Protanopia

160.3530, 18.0670, -8.2026

Deuteranopia

161.2810, 7.2565, 5.8926



Tritanopia

162.5650, -6.6875, 45.1085

Trichromacy



Original Color

163.4740, 8.1473, 46.9423



Protanomaly

161.5620, 14.5129, 11.7851



Deuteranomaly

162.0810, 7.3551, 20.9770



Tritanomaly

162.9440, -1.4514, 45.6531

Monochromacy



Original Color

163.4740, 8.1473, 46.9423



Achromatopsia

163.0000, 0.0000, 0.0000



Achromatomaly

163.2070, 2.8559, 17.3585

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.4740, 8.1473, 46.9423 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(217, 133, 180)` looks like.

```
.text, #text, p{  
    color:rgb(217, 133, 180)  
}
```

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(217, 133, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 133, 180) }
```

Border

The CSS property to change the border of an element to YUV 163.4740, 8.1473, 46.9423 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(217, 133, 180) }
```


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

```
.border{ border-color:rgb(217, 133, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 133, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 133, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 133, 180);  
box-shadow:4px 4px 4px 4px rgb(217, 133,  
180) }
```

Background

The CSS property to change the background color of an element to YUV 163.4740, 8.1473, 46.9423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 133, 180) }
```

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

```
.background{ background-color: rgb(217,  
133, 180) }
```

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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