

Converting Colors

YUV(160.9810, 2.4744, 46.4977)

Have a look what the booklet for
YUV(160.9810, 2.4744, 46.4977)
contains.

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Color

**YUV(160.9810, 2.4744,
46.4977)**

Conversions

Conversions Part 1

Format	Color
Hex	D685A6
RGB	214, 133, 166
RGB Percent	84%, 52%, 65%
CMY	0.1608, 0.4784, 0.3490
CMYK	0.00, 0.38, 0.22, 0.16
HSL	336°, 50%, 68%
HSV	336°, 38%, 84%
XYZ	43.0020, 33.8244, 40.3387
YIQ	160.9810, 37.6830, 27.4350

Conversions

Conversions Part 2

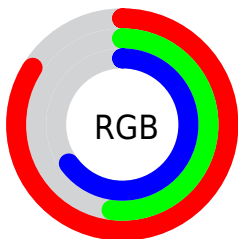
Format	Color
R _Y B	214, 133, 166
Decimal	14058918
CIE Lab	64.82, 35.47, -4.29
CIE LCh	65, 35.727, 353.099
Yxy	33.8244, 0.3670, 0.2887
Android (android.graphics.Color)	4292248998 (0xFFD685A6)
YUV	160.9810, 2.4744, 46.4977
Hunter-Lab	58.1587, 30.2035, -0.4122

Details

The YUV color **160.9810, 2.4744, 46.4977** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **186.0190, -2.4744, -46.4977**, and the grayscale version is **161.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.2080, 4.8275, 38.4056**, and **108.3720, 2.7746, 43.5238** is the 20% darker color. If you saturate the color by 10%, you get **147.1720, 2.8732, 58.6082**, and if you desaturate by 10%, it is **174.7900, 2.0755, 34.3872**.

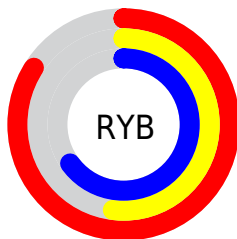
Distribution



Red (84%)

Green (52%)

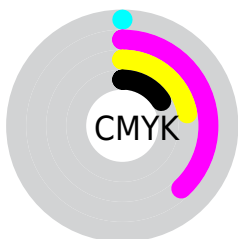
Blue (65%)



Red (84%)

Yellow (52%)

Blue (65%)

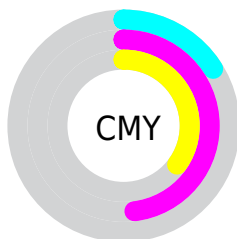


Cyan (0%)

Magenta (38%)

Yellow (22%)

Black (16%)



Cyan (16%)


Magenta (48%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the YUV color 160.9810, 2.4744, 46.4977 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 160.9810, 2.4744, 46.4977 by changing the saturation by 10% instead.

 160.9810, 2.4744,
46.4977

 160.9810, 2.4744,
46.4977


255.0000, 0.0000,
0.0000


 134.0840, 2.9166,
44.6533


 211.2080, 4.8275,
38.4056


 108.3720, 2.7746,
43.5238


 230.9500, 9.3917,
21.0919

 82.5890, 3.6536,
41.5794

 248.5430, 3.1833,
5.6628

 57.4040, 4.2378,
40.8647

 30.6860, 6.5638,
41.4944

 18.5830, 2.6706,
30.1837

 7.8880, -3.3958,

15.8842

■ 0.0000, 0.0000,
0.0000

■ 160.9810, 2.4744,
46.4977

■ 160.9810, 2.4744,
46.4977

■ 147.1720, 2.8732,
58.6082

■ 174.7900, 2.0755,
34.3872

■ 132.8900, 3.9982,
71.1335

■ 189.0720, 0.9505,
21.8619

■ 119.0810, 4.3971,
83.2440

■ 202.8810, 0.5517,
9.7514

■ 104.6850, 5.0853,
95.8693

■ 217.2770, -0.1366,
-2.8739

■ 90.9900, 5.9209,
107.8798

■ 230.9720, -0.9722,
-14.8844

■ 77.1810, 6.3198,
119.9903

■ 241.2590, 0.3653,
-23.9061

■ 73.9040, 6.4563,
122.8642

■ 242.7410, 6.0437,
-25.2059

Harmonies

Analogous

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



161.3340, 17.0903, 25.1401



160.9810, 2.4744, 46.4977



159.4150, -12.5296, 52.2560

Triad

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



160.9810, 2.4744, 46.4977



152.4860, -27.3546, 0.4508



134.7500, 35.6193, -84.8498

Complementary

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



160.9810, 2.4744, 46.4977



186.0190, -2.4744, -46.4977

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.



129.9480, 25.1686, -92.9164



160.9810, 2.4744, 46.4977



147.9260, -14.7535, -27.9991

Square

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



160.9810, 2.4744, 46.4977



155.8420, -30.4881, 25.5716



141.2500, 3.8208, -58.9782



150.0630, 34.4789, -45.6593

Rectangle

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



160.9810, 2.4744, 46.4977



158.6890, -21.5387, 48.5077



141.2500, 3.8208, -58.9782



129.7440, 34.6362, -96.2455

Sweetspot

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



160.9810, 2.4744, 46.4977



236.6260, 0.6774, 16.1140



156.2870, 28.4525, 20.7963



116.8810, 0.5517, 9.7514



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.



160.9810, 2.4744, 46.4977



179.7430, 3.5777, 66.0004



161.3280, -13.9657, 46.1933



99.8590, 0.5625, 6.2627



59.1090, 5.3693, 98.1284



14.9090, 1.5239, 24.6358

Inverse Universe

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



160.9810, 2.4744, 46.4977



179.7430, 3.5777, 66.0004



185.6720, 13.9657, -46.1933



99.8590, 0.5625, 6.2627



59.1090, 5.3693, 98.1284



14.9090, 1.5239, 24.6358

Previews

White Background



This preview shows how the YUV color 160.9810, 2.4744, 46.4977 looks on a white background.

Color Contrast Check

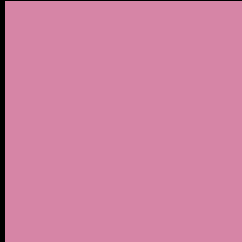
Large Text (above 18pt) WCAG AA × Fail

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 160.9810, 2.4744, 46.4977 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

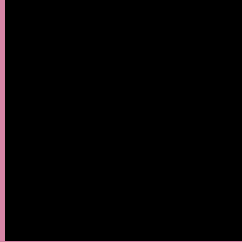
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 160.9810, 2.4744, 46.4977

Background



This preview shows how black text looks on a background with the YUV color 160.9810, 2.4744, 46.4977.



This preview shows how white text looks on a background with the YUV color 160.9810, 2.4744,

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

160.9810, 2.4744, 46.4977

Protanopia

158.2520, 11.2148, -3.7290

Deuteranopia

159.4080, 1.2779, 10.1662



Tritanopia

159.9780, -6.3982, 45.6233

Trichromacy



Original Color

160.9810, 2.4744, 46.4977

Protanomaly

159.5640, 8.1029, 14.4144

Deuteranomaly

160.1970, 1.3819, 23.5062

Tritanomaly

160.4880, -3.1986, 46.0530

Monochromacy



Original Color

160.9810, 2.4744, 46.4977

Achromatopsia

161.0000, 0.0000, 0.0000

Achromatomaly

161.0390, 0.9668, 16.6288

CSS Examples

Text

The CSS property to change the color of the text to YUV 160.9810, 2.4744, 46.4977 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(214, 133, 166)` looks like.

```
.text, #text, p{  
    color:rgb(214, 133, 166)  
}
```

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(214, 133, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 133, 166) }
```

Border

The CSS property to change the border of an element to YUV 160.9810, 2.4744, 46.4977 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(214, 133, 166) }
```


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

```
.border{ border-color:rgb(214, 133, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 133, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 133, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 133, 166);  
box-shadow:4px 4px 4px 4px rgb(214, 133,  
166) }
```

Background

The CSS property to change the background color of an element to YUV 160.9810, 2.4744, 46.4977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 133, 166) }
```

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

```
.background{ background-color: rgb(214,  
133, 166) }
```

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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