

Converting Colors

YUV(160.2950, 26.4766,
47.9763)

Have a look what the booklet for
YUV(160.2950, 26.4766, 47.9763)
contains.

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Color

**YUV(160.2950, 26.4766,
47.9763)**

Conversions

Conversions Part 1

Format	Color
Hex	D77AD6
RGB	215, 122, 214
RGB Percent	84%, 48%, 84%
CMY	0.1569, 0.5216, 0.1608
CMYK	0.00, 0.43, 0.00, 0.16
HSL	301°, 54%, 66%
HSV	301°, 43%, 84%
XYZ	47.1215, 33.2212, 67.5471
YIQ	160.2950, 25.8960, 48.3280

Conversions

Conversions Part 2

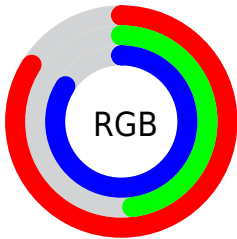
Format	Color
R _Y B	215, 122, 214
Decimal	14121686
CIE Lab	64.34, 49.44, -32.06
CIE LCh	64, 58.921, 327.039
Yxy	33.2212, 0.3186, 0.2246
Android (android.graphics.Color)	4292311766 (0xFFD77AD6)
YUV	160.2950, 26.4766, 47.9763
Hunter-Lab	57.6378, 45.0655, -29.1368

Details

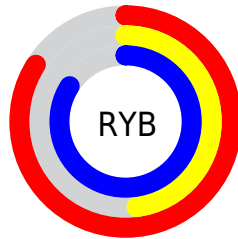
The YUV color **160.2950, 26.4766, 47.9763** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **176.7050, -26.4766, -47.9763**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.2140, 22.5725, 40.1543**, and **105.8710, 26.1926, 45.7171** is the 20% darker color. If you saturate the color by 10%, you get **147.9680, 32.5538, 58.7871**, and if you desaturate by 10%, it is **173.2090, 20.1100, 36.6507**.

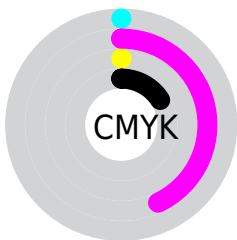
Distribution



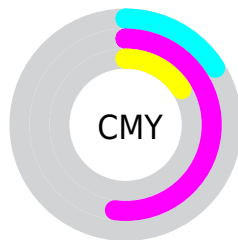
- Red (84%)
- Green (48%)
- Blue (84%)



- Red (84%)
- Yellow (48%)
- Blue (84%)



- Cyan (0%)
- Magenta (43%)
- Yellow (0%)
- Black (16%)





- Cyan (16%)
- Magenta (52%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the YUV color 160.2950, 26.4766, 47.9763 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 160.2950, 26.4766, 47.9763 by changing the saturation by 10% instead.


 160.2950, 26.4766,
47.9763


 160.2950, 26.4766,
47.9763


255.0000, 0.0000,
0.0000

 132.5830, 26.3346,
46.8467


 209.2140, 22.5725,
40.1543


 105.8710, 26.1926,
45.7171


 225.6500, 14.4696,
25.7400

 78.9850, 26.6294,
45.6172

 242.6730, 6.0772,
10.8108

 48.5770, 28.8025,
48.6060

 32.6700, 24.3197,
39.7544

 22.5730, 17.9585,
26.6845

 12.5900, 12.0341,

13.5146

■ 1.3680, 5.2416,
-1.1997

■ 0.0000, 0.0000,
0.0000

■ 160.2950, 26.4766,
47.9763

■ 160.2950, 26.4766,
47.9763

■ 147.9680, 32.5538,
58.7871

■ 173.2090, 20.1100,
36.6507

■ 135.0540, 38.9204,
70.1126

■ 185.5360, 14.0328,
25.8399

■ 122.6130, 44.5608,
81.0234

■ 198.5640, 8.1029,
14.4144

■ 109.6990, 50.9274,
92.3490

■ 210.8910, 2.0257,
3.6036

■ 96.7850, 57.2940,
103.6746

■ 223.8050, -4.3409,
-7.7220

■ 88.5670, 61.3455,
110.8817

■ 236.1320,
-10.4181, -18.5328

■ 238.5940,
-11.1388, -20.6919

Harmonies

Analogous

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



157.2800, 45.7110, -8.1386



160.2950, 26.4766, 47.9763



156.1300, 3.3869, 80.5700

Triad

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



160.2950, 26.4766, 47.9763



150.2240, -53.3544, 33.1296



129.2750, 35.8534, -113.3742

Complementary

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



160.2950, 26.4766, 47.9763



176.7050, -26.4766, -47.9763

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.



123.2330, 12.7031, -108.0753



160.2950, 26.4766, 47.9763



145.2620, -44.4992, -7.2458

Square

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



160.2950, 26.4766, 47.9763



152.7070, -42.2536, 66.0320



133.9790, -18.7236, -61.3716



131.1280, 55.6459, -114.9993

Rectangle

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



160.2950, 26.4766, 47.9763



153.9230, -12.7800, 86.0135



133.9790, -18.7236, -61.3716



127.3370, 28.4279, -111.6745

Sweetspot

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



160.2950, 26.4766, 47.9763



235.6290, 9.5499, 16.9884



132.6020, 40.6222, -9.2980



115.5590, 5.6404, 10.9108



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.



160.2950, 26.4766, 47.9763



176.8150, 38.0522, 68.5682



155.1650, 6.8207, 52.4753



100.5430, 3.1833, 5.6628



70.3950, 48.6123, 88.2306



17.7590, 12.4438, 22.1364

Inverse Universe

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



160.2950, 26.4766, 47.9763



176.8150, 38.0522, 68.5682



181.9490, -6.3839, -52.5753



100.5430, 3.1833, 5.6628



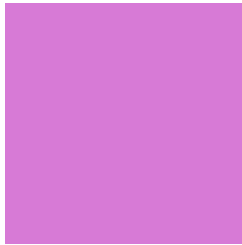
70.3950, 48.6123, 88.2306



17.7590, 12.4438, 22.1364

Previews

White Background



This preview shows how the YUV color 160.2950, 26.4766, 47.9763 looks on a white background.

Color Contrast Check

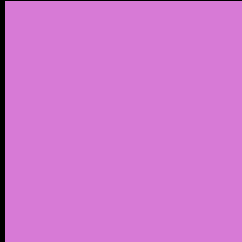
Large Text (above 18pt) WCAG AA × Fail

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 160.2950, 26.4766, 47.9763 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

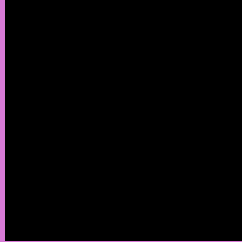
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 160.2950, 26.4766, 47.9763

Background



This preview shows how black text looks on a background with the YUV color 160.2950, 26.4766, 47.9763.



This preview shows how white text looks on a background with the YUV color 160.2950, 26.4766,

47.9763.

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

160.2950, 26.4766, 47.9763

Protanopia

155.3180, 41.2552, -25.7119

Deuteranopia

156.8670, 25.2086, -12.1614



Tritanopia

159.0700, -5.9505, 42.0346

Trichromacy



Original Color

160.2950, 26.4766, 47.9763



Protanomaly

156.8160, 36.0797, 1.0384



Deuteranomaly

157.8250, 25.7223, 9.8005



Tritanomaly

159.7680, 5.5374, 44.0535

Monochromacy



Original Color

160.2950, 26.4766, 47.9763



Achromatopsia

160.0000, 0.0000, 0.0000



Achromatomaly

160.0420, 9.8393, 17.5032

CSS Examples

Text

The CSS property to change the color of the text to YUV 160.2950, 26.4766, 47.9763 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(215, 122, 214)` looks like.

```
.text, #text, p{  
    color:rgb(215, 122, 214)  
}
```

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(215, 122, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 122, 214) }
```

Border

The CSS property to change the border of an element to YUV 160.2950, 26.4766, 47.9763 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(215, 122, 214) }
```


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

```
.border{ border-color:rgb(215, 122, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 122, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 122, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 122, 214);  
box-shadow:4px 4px 4px 4px rgb(215, 122,  
214) }
```

Background

The CSS property to change the background color of an element to YUV 160.2950, 26.4766, 47.9763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 122, 214) }
```

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

```
.background{ background-color: rgb(215,  
122, 214) }
```

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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