

Converting Colors

YUV(164.7590, 19.3458,
48.4464)

Have a look what the booklet for
YUV(164.7590, 19.3458, 48.4464)
contains.

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Color

**YUV(164.7590, 19.3458,
48.4464)**

Conversions

Conversions Part 1

Format	Color
Hex	DC81CC
RGB	220, 129, 204
RGB Percent	86%, 51%, 80%
CMY	0.1373, 0.4941, 0.2000
CMYK	0.00, 0.41, 0.07, 0.14
HSL	311°, 57%, 68%
HSV	311°, 41%, 86%
XYZ	48.2645, 35.2758, 61.3918
YIQ	164.7590, 30.1610, 42.6170

Conversions

Conversions Part 2

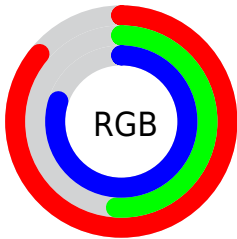
Format	Color
R _Y B	220, 129, 204
Decimal	14451148
CIE Lab	65.96, 45.61, -23.91
CIE LCh	66, 51.502, 332.336
Yxy	35.2758, 0.3330, 0.2434
Android (android.graphics.Color)	4292641228 (0xFFDC81CC)
YUV	164.7590, 19.3458, 48.4464
Hunter-Lab	59.3934, 41.1149, -19.7095

Details

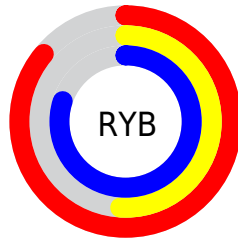
The YUV color **164.7590, 19.3458, 48.4464** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **184.2410, -19.3458, -48.4464**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.3230, 20.5468, 36.5507**, and **111.0360, 19.2093, 45.5724** is the 20% darker color. If you saturate the color by 10%, you get **151.3890, 23.9652, 60.1718**, and if you desaturate by 10%, it is **178.1290, 14.7264, 36.7209**.

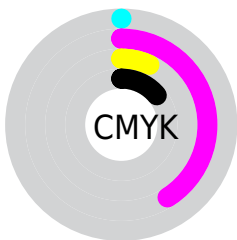
Distribution



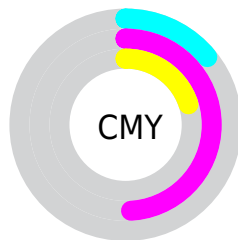
- Red (86%)
- Green (51%)
- Blue (80%)



- Red (86%)
- Yellow (51%)
- Blue (80%)



- Cyan (0%)
- Magenta (41%)
- Yellow (7%)
- Black (14%)




- Cyan (14%)
- Magenta (49%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the YUV color 164.7590, 19.3458, 48.4464 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 164.7590, 19.3458, 48.4464 by changing the saturation by 10% instead.

 164.7590, 19.3458,
48.4464


 164.7590, 19.3458,
48.4464


255.0000, 0.0000,
0.0000

 137.6340, 18.9144,
46.8020


 213.3230, 20.5468,
36.5507


 111.0360, 19.2093,
45.5724


 229.7590, 12.4438,
22.1364

 84.7370, 19.3567,
44.9577

 246.7820, 4.0515,
7.2072

 56.7910, 20.8090,
45.7873

 33.2530, 20.0883,
43.6281

 23.2700, 14.1639,
30.4582

 13.5860, 8.0921,

17.9031

■ 0.0000, 0.0000,
0.0000

■ 164.7590, 19.3458,
48.4464

■ 164.7590, 19.3458,
48.4464

■ 151.3890, 23.9652,
60.1718

■ 178.1290, 14.7264,
36.7209

■ 138.0190, 28.5846,
71.8973

■ 191.4990, 10.1070,
24.9954

■ 124.6490, 33.2040,
83.6228

■ 204.8690, 5.4876,
13.2699

■ 111.3930, 38.2603,
95.2483

■ 218.1250, 0.4314,
1.6444

■ 98.0230, 42.8797,
106.9738

■ 231.4950, -4.1880,
-10.0811

■ 86.4140, 46.6309,
117.1549

■ 241.3430, -7.0711,
-18.7178

■ 241.7990, -5.3239,
-19.1177

■ 242.2550, -3.5767,
-19.5176

■ 242.7110, -1.8295,
-19.9175

Harmonies

Analogous

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



163.7670, 37.0899, 3.7123



164.7590, 19.3458, 48.4464



161.4080, -1.6801, 72.4332

Triad

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



164.7590, 19.3458, 48.4464



155.3460, -45.0336, 24.2526



130.5460, 38.1848, -114.4888

Complementary

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



164.7590, 19.3458, 48.4464



184.2410, -19.3458, -48.4464

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.



126.0030, 18.2395, -110.5046



164.7590, 19.3458, 48.4464



150.6340, -35.3156, -12.8340

Square

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



164.7590, 19.3458, 48.4464



158.3250, -39.6002, 54.9660



140.4120, -12.0351, -59.9973



130.7860, 54.3355, -114.6993

Rectangle

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



164.7590, 19.3458, 48.4464



160.3470, -15.9471, 75.1177



140.4120, -12.0351, -59.9973



129.5370, 31.7803, -113.6039

Sweetspot

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



164.7590, 19.3458, 48.4464



236.2330, 6.7871, 16.4587



143.8590, 37.5375, 0.1237



116.9780, 3.4618, 9.6663



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.



164.7590, 19.3458, 48.4464



177.9430, 27.1431, 67.5790



159.6290, -0.3101, 52.9454



103.3150, 2.3097, 5.8627



68.0290, 36.9607, 92.0596



18.0860, 9.8176, 24.4806

Inverse Universe

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



164.7590, 19.3458, 48.4464



177.9430, 27.1431, 67.5790



189.3710, 0.3101, -52.9454



103.3150, 2.3097, 5.8627



68.0290, 36.9607, 92.0596



18.0860, 9.8176, 24.4806

Previews

White Background



This preview shows how the YUV color 164.7590, 19.3458, 48.4464 looks on a white background.

Color Contrast Check

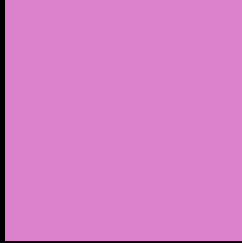
Large Text (above 18pt) WCAG AA × Fail

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 164.7590, 19.3458, 48.4464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

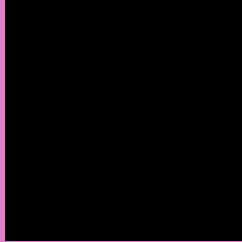
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 164.7590, 19.3458, 48.4464

Background



This preview shows how black text looks on a background with the YUV color 164.7590, 19.3458, 48.4464.



This preview shows how white text looks on a background with the YUV color 164.7590, 19.3458,

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

164.7590, 19.3458, 48.4464

Protanopia

160.3700, 32.3556, -17.8645

Deuteranopia

161.7880, 18.3455, -4.1991



Tritanopia

163.3800, -6.1033, 44.3937

Trichromacy



Original Color

164.7590, 19.3458, 48.4464



Protanomaly

161.6720, 27.7697, 6.4267



Deuteranomaly

163.0230, 18.7227, 14.8888



Tritanomaly

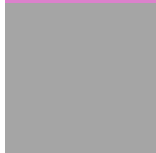
163.7960, 3.0586, 45.7829

Monochromacy



Original Color

164.7590, 19.3458, 48.4464



Achromatopsia

165.0000, 0.0000, 0.0000



Achromatomaly

164.9450, 6.9291, 17.5882

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.7590, 19.3458, 48.4464 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(220, 129, 204)` looks like.

```
.text, #text, p{  
    color:rgb(220, 129, 204)  
}
```

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(220, 129, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 129, 204) }
```

Border

The CSS property to change the border of an element to YUV 164.7590, 19.3458, 48.4464 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(220, 129, 204) }
```


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

```
.border{ border-color:rgb(220, 129, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 129, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 129, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 129, 204);  
box-shadow:4px 4px 4px 4px rgb(220, 129,  
204) }
```

Background

The CSS property to change the background color of an element to YUV 164.7590, 19.3458, 48.4464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 129, 204) }
```

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

```
.background{ background-color: rgb(220,  
129, 204) }
```

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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