

Converting Colors

YUV(164.4810, 0.7489, 39.9202)

Have a look what the booklet for
YUV(164.4810, 0.7489, 39.9202)
contains.

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Color

**YUV(164.4810, 0.7489,
39.9202)**

Conversions

Conversions Part 1

Format	Color
Hex	D28DA6
RGB	210, 141, 166
RGB Percent	82%, 55%, 65%
CMY	0.1765, 0.4471, 0.3490
CMYK	0.00, 0.33, 0.21, 0.18
HSL	338°, 43%, 69%
HSV	338°, 33%, 82%
XYZ	42.9862, 35.5046, 40.6638
YIQ	164.4810, 33.0990, 22.4030

Conversions

Conversions Part 2

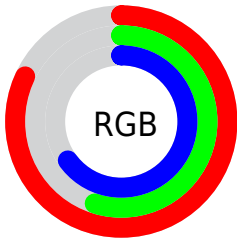
Format	Color
R _Y B	210, 141, 166
Decimal	13798822
CIE Lab	66.14, 29.75, -2.41
CIE LCh	66, 29.843, 355.372
Yxy	35.5046, 0.3608, 0.2980
Android (android.graphics.Color)	4291988902 (0xFFD28DA6)
YUV	164.4810, 0.7489, 39.9202
Hunter-Lab	59.5857, 24.4980, 1.2480

Details

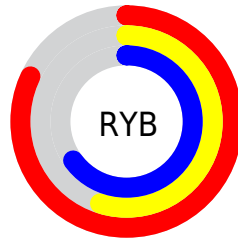
The YUV color $164.4810, 0.7489, 39.9202$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $186.5190, -0.7489, -39.9202$, and the grayscale version is $164.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $215.9040, 2.5123, 34.2872$, and $111.8720, 1.0491, 36.9463$ is the 20% darker color. If you saturate the color by 10%, you get $150.6720, 1.1477, 52.0307$, and if you desaturate by 10%, it is $178.2900, 0.3500, 27.8097$.

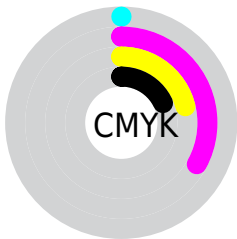
Distribution



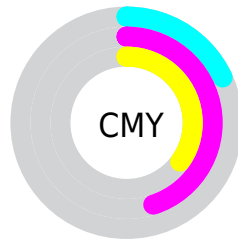
- Red (82%)
- Green (55%)
- Blue (65%)



- Red (82%)
- Yellow (55%)
- Blue (65%)



- Cyan (0%)
- Magenta (33%)
- Yellow (21%)
- Black (18%)





- Cyan (18%)
- Magenta (45%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.4810, 0.7489, 39.9202 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 164.4810, 0.7489, 39.9202 by changing the saturation by 10% instead.

 164.4810, 0.7489,
39.9202


 164.4810, 0.7489,
39.9202

255.0000, 0.0000,
0.0000


 137.8830, 1.0437,
38.6906

 215.9040, 2.5123,
34.2872

 111.8720, 1.0491,
36.9463


 236.2330, 6.7871,
16.4587

 86.3880, 1.7807,
35.6167

 253.2390, 0.8682,
1.5444

 62.3770, 1.7861,
33.8724

 38.3060, 2.8071,
33.0576

 17.9850, 2.9654,
28.9542

 7.8880, -3.3958,

15.8842

■ 0.0000, 0.0000,
0.0000

■ 164.4810, 0.7489,
39.9202

■ 164.4810, 0.7489,
39.9202

■ 150.6720, 1.1477,
52.0307

■ 178.2900, 0.3500,
27.8097

■ 136.7490, 1.1097,
64.2411

■ 192.2130, 0.3880,
15.5992

■ 122.9400, 1.5086,
76.3516

■ 206.0220, -0.0108,
3.4887

■ 109.0170, 1.4706,
88.5621

■ 219.9450, 0.0271,
-8.7218

■ 95.2080, 1.8695,
100.6726

■ 233.7540, -0.3717,
-20.8323

■ 81.3990, 2.2683,
112.7831

■ 240.5190, 2.7021,
-26.7652

■ 71.4540, 2.2412,
121.5048

■ 241.5450, 6.6333,
-27.6650

Harmonies

Analogous

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



164.6990, 13.4594, 23.0660



164.4810, 0.7489, 39.9202



163.1860, -11.9237, 44.5639

Triad

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



164.4810, 0.7489, 39.9202



156.8540, -22.1130, -0.7490



148.4500, 27.3862, -57.3996

Complementary

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



164.4810, 0.7489, 39.9202



186.5190, -0.7489, -39.9202

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.



145.4140, 18.5299, -63.5071



164.4810, 0.7489, 39.9202



153.1590, -11.4174, -24.6954

Square

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



164.4810, 0.7489, 39.9202



159.6610, -25.9619, 20.4683



148.6150, 3.6408, -47.8974



156.8320, 28.1838, -33.1787

Rectangle

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



164.4810, 0.7489, 39.9202



162.3290, -18.8962, 40.9305



148.6150, 3.6408, -47.8974



146.8470, 25.2184, -62.1328

Sweetspot

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



164.4810, 0.7489, 39.9202



238.5010, 0.2460, 14.4696



162.0220, 23.6532, 20.1517



117.4680, 0.2623, 9.2366



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.



164.4810, 0.7489, 39.9202



189.7050, 1.1314, 57.2637



166.9140, -12.7756, 37.7864



97.7450, 0.1257, 6.3626



57.1860, 1.8803, 97.1839



13.9690, 0.5083, 23.7062

Inverse Universe

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



164.4810, 0.7489, 39.9202



189.7050, 1.1314, 57.2637



184.0860, 12.7756, -37.7864



97.7450, 0.1257, 6.3626



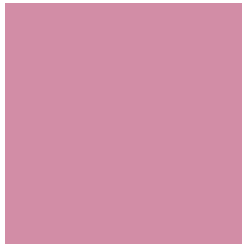
57.1860, 1.8803, 97.1839



13.9690, 0.5083, 23.7062

Previews

White Background



This preview shows how the YUV color 164.4810, 0.7489, 39.9202 looks on a white background.

Color Contrast Check

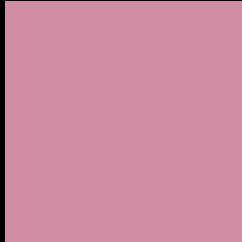
Large Text (above 18pt) WCAG AA × Fail

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 164.4810, 0.7489, 39.9202 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 164.4810, 0.7489, 39.9202

Background



This preview shows how black text looks on a background with the YUV color 164.4810, 0.7489, 39.9202.



This preview shows how white text looks on a background with the YUV color 164.4810, 0.7489,

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

164.4810, 0.7489, 39.9202

Protanopia

161.7530, 8.0098, -2.4144

Deuteranopia

162.7780, 0.1094, 11.5957



Tritanopia

163.9880, -4.9241, 39.4755

Trichromacy



Original Color

164.4810, 0.7489, 39.9202

Protanomaly

162.8690, 5.4876, 13.2699

Deuteranomaly

163.5450, 0.2243, 21.4470

Tritanomaly

163.8570, -2.8875, 39.5904

Monochromacy



Original Color

164.4810, 0.7489, 39.9202

Achromatopsia

164.0000, 0.0000, 0.0000

Achromatomaly

164.5010, 0.2460, 14.4696

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.4810, 0.7489, 39.9202 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(210, 141, 166)` looks like.

```
.text, #text, p{  
    color:rgb(210, 141, 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(210, 141, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 141, 166) }
```

Border

The CSS property to change the border of an element to YUV 164.4810, 0.7489, 39.9202 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(210, 141, 166) }
```


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

```
.border{ border-color:rgb(210, 141, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 141, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 141, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 141, 166);  
box-shadow:4px 4px 4px 4px rgb(210, 141,  
166) }
```

Background

The CSS property to change the background color of an element to YUV 164.4810, 0.7489, 39.9202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 141, 166) }
```

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

```
.background{ background-color: rgb(210,  
141, 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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