

Converting Colors

YUV(164.4090, 6.7004, 44.3683)

Have a look what the booklet for
YUV(164.4090, 6.7004, 44.3683)
contains.

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Color

**YUV(164.4090, 6.7004,
44.3683)**

Conversions

Conversions Part 1

Format	Color
Hex	D788B2
RGB	215, 136, 178
RGB Percent	84%, 53%, 70%
CMY	0.1569, 0.4667, 0.3020
CMYK	0.00, 0.37, 0.17, 0.16
HSL	328°, 50%, 69%
HSV	328°, 37%, 84%
XYZ	44.8644, 35.2697, 46.5626
YIQ	164.4090, 33.6020, 29.8100

Conversions

Conversions Part 2

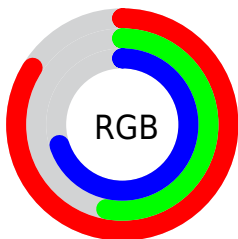
Format	Color
RYB	215, 136, 178
Decimal	14125234
CIELab	65.96, 36.04, -9.37
CIElCh	66, 37.237, 345.421
Yxy	35.2697, 0.3541, 0.2784
Android (android.graphics.Color)	4292315314 (0xFFD788B2)
YUV	164.4090, 6.7004, 44.3683
Hunter-Lab	59.3883, 30.9166, -4.9137

Details

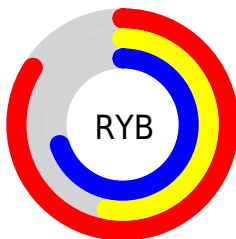
The YUV color **164.4090, 6.7004, 44.3683** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **186.5910, -6.7004, -44.3683**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.4510, 9.6377, 35.5615**, and **111.0990, 6.8532, 42.0092** is the 20% darker color. If you saturate the color by 10%, you get **150.9420, 8.4096, 56.1789**, and if you desaturate by 10%, it is **178.4630, 4.7017, 32.0429**.

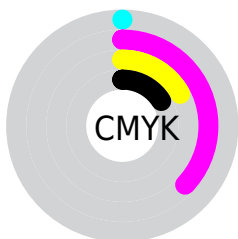
Distribution



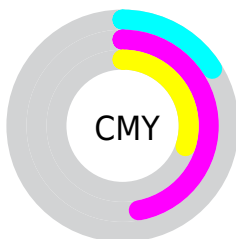
- Red (84%)
- Green (53%)
- Blue (70%)



- Red (84%)
- Yellow (53%)
- Blue (70%)



- Cyan (0%)
- Magenta (37%)
- Yellow (17%)
- Black (16%)





- Cyan (16%)
- Magenta (47%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.4090, 6.7004, 44.3683 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 164.4090, 6.7004, 44.3683 by changing the saturation by 10% instead.

 164.4090, 6.7004,
44.3683


 164.4090, 6.7004,
44.3683


255.0000, 0.0000,
0.0000

 137.6970, 6.5584,
43.2387


 214.4510, 9.6377,
35.5615


 111.0990, 6.8532,
42.0092


 233.8680, 10.4181,
18.5328

 86.0880, 6.8586,
40.2648

 250.3040, 2.3151,
4.1184

 60.6040, 7.5902,
38.9353

 33.8860, 9.9162,
39.5650

 20.0930, 5.8702,
30.6134

 10.0670, -1.5120,

18.3582

■ 0.0000, 0.0000,
0.0000

■ 164.4090, 6.7004,
44.3683

■ 164.4090, 6.7004,
44.3683

■ 150.9420, 8.4096,
56.1789

■ 178.4630, 4.7017,
32.0429

■ 136.8880, 10.4082,
68.5042

■ 191.9300, 2.9925,
20.2324

■ 122.8340, 12.4068,
80.8296

■ 205.9840, 0.9939,
7.9070

■ 109.3670, 14.1161,
92.6401

■ 219.4510, -0.7153,
-3.9035

■ 95.3130, 16.1147,
104.9655

■ 232.9180, -2.4246,
-15.7141

■ 81.8460, 17.8239,
116.7761

■ 241.1020, -1.5293,
-22.8915

■ 77.2810, 18.1025,
120.7796

■ 242.2420, 2.8387,
-23.8912

■ 243.0400, 5.8963,
-24.5911

Harmonies

Analogous

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



164.3270, 21.0378, 19.0072



164.4090, 6.7004, 44.3683



162.3490, -9.0461, 54.9449

Triad

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



164.4090, 6.7004, 44.3683



156.4330, -30.2865, 7.5133



126.3230, 39.7738, -110.7853

Complementary

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



164.4090, 6.7004, 44.3683



186.5910, -6.7004, -44.3683

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.



132.7370, 21.8217, -92.7313



164.4090, 6.7004, 44.3683



151.7050, -19.5746, -21.6663

Square

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



164.4090, 6.7004, 44.3683



159.3590, -31.2360, 32.1342



145.2030, -1.5791, -53.6750



148.3710, 37.2851, -59.0844

Rectangle

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



164.4090, 6.7004, 44.3683



161.4060, -18.9342, 53.1409



145.2030, -1.5791, -53.6750



126.4710, 35.2638, -110.9151

Sweetspot

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



164.4090, 6.7004, 44.3683



237.0820, 2.4246, 15.7141



156.0690, 29.0530, 14.8485



117.1090, 1.4253, 9.5514



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.



164.4090, 6.7004, 44.3683



183.2140, 9.2615, 62.9563



159.9630, -10.3348, 48.2674



99.9730, 0.9993, 6.1627



61.5030, 14.5420, 96.0289



15.4790, 3.7079, 24.1359

Inverse Universe

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



164.4090, 6.7004, 44.3683



183.2140, 9.2615, 62.9563



191.0370, 10.3348, -48.2674



99.9730, 0.9993, 6.1627



61.5030, 14.5420, 96.0289



15.4790, 3.7079, 24.1359

Previews

White Background



This preview shows how the YUV color 164.4090, 6.7004, 44.3683 looks on a white background.

Color Contrast Check

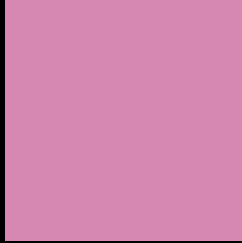
Large Text (above 18pt) WCAG AA × Fail

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 164.4090, 6.7004, 44.3683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

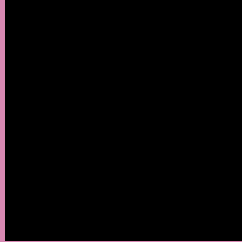
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 164.4090, 6.7004, 44.3683

Background



This preview shows how black text looks on a background with the YUV color 164.4090, 6.7004, 44.3683.



This preview shows how white text looks on a background with the YUV color 164.4090, 6.7004,

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

164.4090, 6.7004, 44.3683

Protanopia

161.0820, 15.7356, -7.0879

Deuteranopia

162.2380, 5.7987, 6.8073



Tritanopia

163.4830, -5.6611, 42.5494

Trichromacy



Original Color

164.4090, 6.7004, 44.3683



Protanomaly

162.6930, 12.4764, 11.6702



Deuteranomaly

163.0270, 5.9027, 20.1473



Tritanomaly

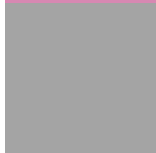
163.6340, -1.2986, 43.2940

Monochromacy



Original Color

164.4090, 6.7004, 44.3683



Achromatopsia

164.0000, 0.0000, 0.0000



Achromatomaly

164.3810, 2.2772, 16.3289

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.4090, 6.7004, 44.3683 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, 136, 178)` looks like.

```
.text, #text, p{  
    color:rgb(215, 136, 178)  
}
```

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, 136, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 136, 178) }
```

Border

The CSS property to change the border of an element to YUV 164.4090, 6.7004, 44.3683 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, 136, 178) }
```


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

```
.border{ border-color:rgb(215, 136, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 136, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 136, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 136, 178);  
box-shadow:4px 4px 4px 4px rgb(215, 136,  
178) }
```

Background

The CSS property to change the background color of an element to YUV 164.4090, 6.7004, 44.3683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 136, 178) }
```

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

```
.background{ background-color: rgb(215,  
136, 178) }
```

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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