

Converting Colors

YUV(164.8000, 10.4516,
54.5494)

Have a look what the booklet for
YUV(164.8000, 10.4516, 54.5494)
contains.

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Color

**YUV(164.8000, 10.4516,
54.5494)**

Conversions

Conversions Part 1

Format	Color
Hex	E381BA
RGB	227, 129, 186
RGB Percent	89%, 51%, 73%
CMY	0.1098, 0.4941, 0.2706
CMYK	0.00, 0.43, 0.18, 0.11
HSL	325°, 64%, 70%
HSV	325°, 43%, 89%
XYZ	48.3917, 35.5766, 50.7708
YIQ	164.8000, 40.1110, 38.5030

Conversions

Conversions Part 2

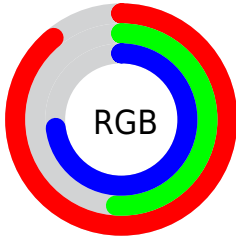
Format	Color
R _Y B	227, 129, 186
Decimal	14909882
CIE Lab	66.20, 44.96, -13.37
CIE LCh	66, 46.910, 343.436
Yxy	35.5766, 0.3592, 0.2640
Android (android.graphics.Color)	4293099962 (0xFFE381BA)
YUV	164.8000, 10.4516, 54.5494
Hunter-Lab	59.6461, 40.4389, -8.7154

Details

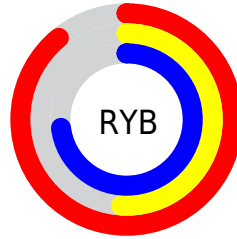
The YUV color **164.8000, 10.4516, 54.5494** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **191.2000, -10.4516, -54.5494**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.8410, 14.8684, 37.8504**, and **110.6040, 11.0412, 52.0903** is the 20% darker color. If you saturate the color by 10%, you get **150.2730, 13.1764, 67.2896**, and if you desaturate by 10%, it is **179.3270, 7.7268, 41.8092**.

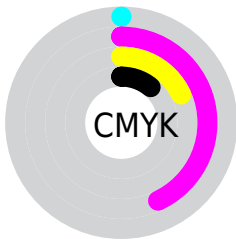
Distribution



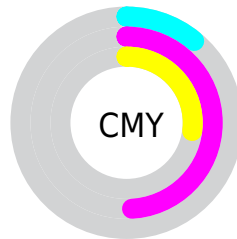
- Red (89%)
- Green (51%)
- Blue (73%)



- Red (89%)
- Yellow (51%)
- Blue (73%)



- Cyan (0%)
- Magenta (43%)
- Yellow (18%)
- Black (11%)



- Cyan (11%)
- Magenta (49%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.8000, 10.4516, 54.5494 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 164.8000, 10.4516, 54.5494 by changing the saturation by 10% instead.

164.8000, 10.4516,
54.5494

164.8000, 10.4516,
54.5494

255.0000, 0.0000,
0.0000

137.2020, 10.7464,
53.3198

211.8410, 14.8684,
37.8504

110.6040, 11.0412,
52.0903

229.7590, 12.4438,
22.1364

84.1200, 11.7728,
50.7608

246.7820, 4.0515,
7.2072

56.7610, 12.9358,
51.0756

33.1520, 13.2361,
48.1017

22.8700, 7.4591,
34.3170

13.5990, 1.6767,

22.2767

■ 0.0000, 0.0000,
0.0000

■ 164.8000, 10.4516,
54.5494

■ 164.8000, 10.4516,
54.5494

■ 150.2730, 13.1764,
67.2896

■ 179.3270, 7.7268,
41.8092

■ 136.2190, 15.1750,
79.6149

■ 193.3810, 5.7282,
29.4839

■ 121.6920, 17.8998,
92.3551

■ 207.9080, 3.0034,
16.7437

■ 107.0510, 20.1879,
105.1953

■ 222.5490, 0.7153,
3.9035

■ 92.5240, 22.9127,
117.9355

■ 237.0760, -2.0095,
-8.8367

■ 82.9210, 24.1959,
126.3573

■ 245.2600, -1.1142,
-16.0140

■ 246.2860, 2.8170,
-16.9138

■ 246.6280, 4.1274,
-17.2138

Harmonies

Analogous

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



165.1730, 28.0157, 20.8963



164.8000, 10.4516, 54.5494



162.3230, -9.5262, 68.9997

Triad

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



164.8000, 10.4516, 54.5494



155.7510, -39.3172, 10.7424



130.5120, 43.1316, -114.4590

Complementary

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



164.8000, 10.4516, 54.5494



191.2000, -10.4516, -54.5494

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.



127.8270, 25.2283, -112.1043



164.8000, 10.4516, 54.5494



150.0760, -25.6735, -25.4997

Square

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



164.8000, 10.4516, 54.5494



158.6500, -39.2675, 41.5259



138.3810, -1.6668, -72.2481



128.4380, 55.4931, -112.6401

Rectangle

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



164.8000, 10.4516, 54.5494



161.0980, -21.7403, 66.5661



138.3810, -1.6668, -72.2481



129.7310, 37.6006, -113.7741

Sweetspot

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



164.8000, 10.4516, 54.5494



234.0330, 3.4347, 18.3881



152.4310, 36.7625, 15.4080



114.6470, 2.1460, 11.7106



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.



164.8000, 10.4516, 54.5494



170.6590, 14.4651, 73.9671



159.2140, -10.9515, 59.4483



107.3860, 1.2887, 6.6775



65.3770, 19.0411, 99.6474



18.6690, 5.5862, 28.3543

Inverse Universe

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



164.8000, 10.4516, 54.5494



170.6590, 14.4651, 73.9671



196.7860, 10.9515, -59.4483



107.3860, 1.2887, 6.6775



65.3770, 19.0411, 99.6474



18.6690, 5.5862, 28.3543

Previews

White Background



This preview shows how the YUV color 164.8000, 10.4516, 54.5494 looks on a white background.

Color Contrast Check

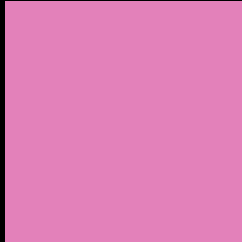
Large Text (above 18pt) WCAG AA × Fail

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 164.8000, 10.4516, 54.5494 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

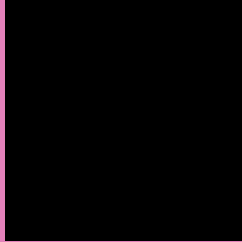
Any Text WCAG AA ✓ Pass

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 164.8000, 10.4516, 54.5494 Background



This preview shows how black text looks on a background with the YUV color 164.8000, 10.4516, 54.5494.



This preview shows how white text looks on a background with the YUV color 164.8000, 10.4516,

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

164.8000, 10.4516, 54.5494

Protanopia

162.0690, 22.1510, -11.4615

Deuteranopia

163.0250, 8.8617, 4.3631



Tritanopia

163.8540, -8.3090, 51.8710

Trichromacy



Original Color

164.8000, 10.4516, 54.5494



Protanomaly

163.0720, 17.7125, 12.2149



Deuteranomaly

163.6620, 9.5336, 22.2214



Tritanomaly

163.9880, -1.4731, 52.6305

Monochromacy



Original Color

164.8000, 10.4516, 54.5494



Achromatopsia

165.0000, 0.0000, 0.0000



Achromatomaly

165.1580, 3.8661, 20.0324

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.8000, 10.4516, 54.5494 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(227, 129, 186)` looks like.

```
.text, #text, p{  
    color:rgb(227, 129, 186)  
}
```

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(227, 129, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 129, 186) }
```

Border

The CSS property to change the border of an element to YUV 164.8000, 10.4516, 54.5494 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(227, 129, 186) }
```


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

```
.border{ border-color:rgb(227, 129, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 129, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 129, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 129, 186);  
box-shadow:4px 4px 4px 4px rgb(227, 129,  
186) }
```

Background

The CSS property to change the background color of an element to YUV 164.8000, 10.4516, 54.5494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 129, 186) }
```

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

```
.background{ background-color: rgb(227,  
129, 186) }
```

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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