

Converting Colors

YUV(164.3500, 6.2365, 53.1901)

Have a look what the booklet for
YUV(164.3500, 6.2365, 53.1901)
contains.

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Color

**YUV(164.3500, 6.2365,
53.1901)**

Conversions

Conversions Part 1

Format	Color
Hex	E183B1
RGB	225, 131, 177
RGB Percent	88%, 51%, 69%
CMY	0.1176, 0.4863, 0.3059
CMYK	0.00, 0.42, 0.21, 0.12
HSL	331°, 61%, 70%
HSV	331°, 42%, 88%
XYZ	47.1034, 35.4145, 45.9480
YIQ	164.3500, 41.2580, 34.2340

Conversions

Conversions Part 2

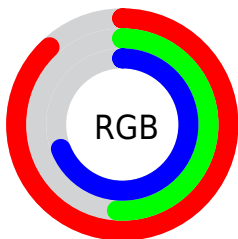
Format	Color
R_{YB}	225, 131, 177
Decimal	14779313
CIE _{Lab}	66.07, 41.93, -8.51
CIE _{LCh}	66, 42.783, 348.521
Yxy	35.4145, 0.3667, 0.2757
Android (android.graphics.Color)	4292969393 (0xFFE183B1)
YUV	164.3500, 6.2365, 53.1901
Hunter-Lab	59.5101, 37.1438, -4.1211

Details

The YUV color **164.3500, 6.2365, 53.1901** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **191.6500, -6.2364, -53.1900**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.9890, 10.3584, 37.7206**, and **110.7410, 6.5367, 50.2161** is the 20% darker color. If you saturate the color by 10%, you get **150.1820, 7.7983, 65.6154**, and if you desaturate by 10%, it is **179.1050, 4.3852, 40.2499**.

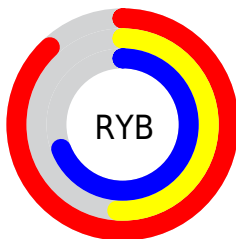
Distribution



Red (88%)

Green (51%)

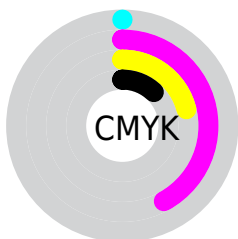
Blue (69%)



Red (88%)

Yellow (51%)

Blue (69%)

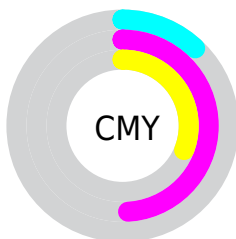


Cyan (0%)

Magenta (42%)

Yellow (21%)

Black (12%)



Cyan (12%)

Magenta (49%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.3500, 6.2365, 53.1901 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 164.3500, 6.2365, 53.1901 by changing the saturation by 10% instead.

164.3500, 6.2365,
53.1901

164.3500, 6.2365,
53.1901

255.0000, 0.0000,
0.0000

137.3390, 6.2419,
51.4457

211.9890, 10.3584,
37.7206

110.7410, 6.5367,
50.2161

230.9330, 11.8650,
21.1068

84.3710, 7.7051,
48.7866

247.9560, 3.4727,
6.1776

57.7130, 9.0155,
48.4867

31.7560, 10.4733,
47.5720

21.8870, 4.9857,
34.3021

11.9320, -3.4175,

22.8616

■ 0.0000, 0.0000,
0.0000

■ 164.3500, 6.2365,
53.1901

■ 164.3500, 6.2365,
53.1901

■ 150.1820, 7.7983,
65.6154

■ 179.1050, 4.3852,
40.2499

■ 135.3130, 9.2127,
78.6555

■ 193.3870, 3.2602,
27.7246

■ 121.1450, 10.7745,
91.0808

■ 208.1420, 1.4090,
14.7845

■ 106.2760, 12.1889,
104.1209

■ 222.4240, 0.2840,
2.2592

■ 92.1080, 13.7508,
116.5463

■ 236.5920, -1.2779,
-10.1662

■ 79.8150, 14.8812,
127.3272

■ 245.0040, 0.4910,
-17.5435

■ 246.0300, 4.4222,
-18.4433

Harmonies

Analogous

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



165.5280, 22.9107, 24.9699



164.3500, 6.2365, 53.1901



162.0080, -11.8359, 63.1370

Triad

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



164.3500, 6.2365, 53.1901



155.3850, -34.2068, 4.9244



128.6370, 43.5630, -112.8146

Complementary

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



164.3500, 6.2365, 53.1901



191.6500, -6.2364, -53.1900

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.



126.6360, 28.2805, -111.0598



164.3500, 6.2365, 53.1901



150.0200, -20.7159, -28.9585

Square

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



164.3500, 6.2365, 53.1901



158.4040, -36.1882, 33.8487



139.7170, 2.1115, -70.7888



145.1290, 44.3064, -71.1501

Rectangle

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



164.3500, 6.2365, 53.1901



161.4130, -22.8816, 59.2738



139.7170, 2.1115, -70.7888



128.6710, 38.6162, -112.8445

Sweetspot

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



164.3500, 6.2365, 53.1901



233.6910, 2.1243, 18.6880



155.7690, 34.1309, 19.4966



114.4190, 1.2724, 11.9105



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.



164.3500, 6.2365, 53.1901



173.0410, 8.3608, 71.8780



159.1060, -13.8563, 57.7890



104.8590, 0.5625, 6.2627



62.4280, 11.6210, 99.6026



17.0880, 3.4076, 27.1098

Inverse Universe

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



164.3500, 6.2365, 53.1901



173.0410, 8.3608, 71.8780



196.8940, 13.8563, -57.7890



104.8590, 0.5625, 6.2627



62.4280, 11.6210, 99.6026



17.0880, 3.4076, 27.1098

Previews

White Background



This preview shows how the YUV color 164.3500, 6.2365, 53.1901 looks on a white background.

Color Contrast Check

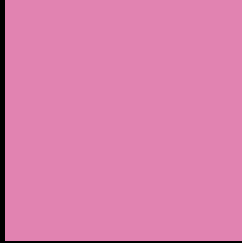
Large Text (above 18pt) WCAG AA × Fail

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 164.3500, 6.2365, 53.1901 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

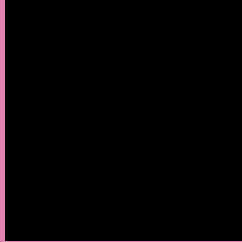
Any Text WCAG AA ✓ Pass

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 164.3500, 6.2365, 53.1901 Background



This preview shows how black text looks on a background with the YUV color 164.3500, 6.2365, 53.1901.



This preview shows how white text looks on a background with the YUV color 164.3500, 6.2365,

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

164.3500, 6.2365, 53.1901

Protanopia

162.0110, 16.7566, -7.9026

Deuteranopia

162.4230, 5.2145, 7.5220



Tritanopia

163.5550, -8.1616, 51.2563

Trichromacy



Original Color

164.3500, 6.2365, 53.1901



Protanomaly

162.5300, 13.0497, 14.4442



Deuteranomaly

163.2340, 5.3076, 24.3508



Tritanomaly

163.9340, -2.9255, 51.8009

Monochromacy



Original Color

164.3500, 6.2365, 53.1901



Achromatopsia

164.0000, 0.0000, 0.0000



Achromatomaly

164.1040, 2.4137, 19.2028

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.3500, 6.2365, 53.1901 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(225, 131, 177)` looks like.

```
.text, #text, p{  
    color:rgb(225, 131, 177)  
}
```

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(225, 131, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 131, 177) }
```

Border

The CSS property to change the border of an element to YUV 164.3500, 6.2365, 53.1901 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(225, 131, 177) }
```


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

```
.border{ border-color:rgb(225, 131, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 131, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 131, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 131, 177);  
box-shadow:4px 4px 4px 4px rgb(225, 131,  
177) }
```

Background

The CSS property to change the background color of an element to YUV 164.3500, 6.2365, 53.1901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 131, 177) }
```

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

```
.background{ background-color: rgb(225,  
131, 177) }
```

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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