

# Converting Colors

YUV(164.3740, -3.6354,  
46.1530)

Have a look what the booklet for  
YUV(164.3740, -3.6354, 46.1530)  
contains.

<b>YUV(164.3740, -3.6354, 46.1530)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(164.3740, -3.6354,  
46.1530)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D98B9D
RGB	217, 139, 157
RGB Percent	85%, 55%, 62%
CMY	0.1490, 0.4549, 0.3843
CMYK	0.00, 0.36, 0.28, 0.15
HSL	346°, 51%, 70%
HSV	346°, 36%, 85%
XYZ	43.9337, 35.6513, 36.4641
YIQ	164.3740, 40.7100, 22.1340

# Conversions

## Conversions Part 2

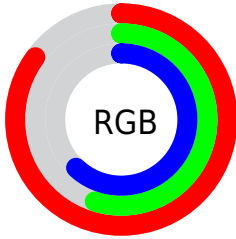
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	217, 139, 157
Decimal	14257053
CIE Lab	66.25, 32.06, 2.93
CIE LCh	66, 32.191, 5.216
Yxy	35.6513, 0.3786, 0.3072
Android (android.graphics.Color)	4292447133 (0xFFD98B9D)
YUV	164.3740, -3.6354, 46.1530
Hunter-Lab	59.7087, 26.8502, 5.5877

# Details

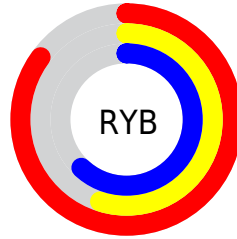
The YUV color **164.3740, -3.6354, 46.1530** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **191.6260, 3.6354, -46.1530**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.5900, -1.2769, 36.3166**, and **111.5800, -2.7509, 42.4643** is the 20% darker color. If you saturate the color by 10%, you get **149.5220, -4.6943, 59.1782**, and if you desaturate by 10%, it is **179.2260, -2.5764, 33.1278**.

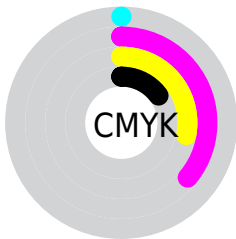
# Distribution



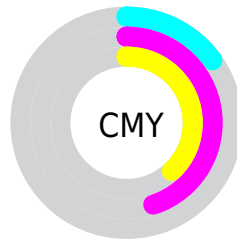
- Red (85%)
- Green (55%)
- Blue (62%)



- Red (85%)
- Yellow (55%)
- Blue (62%)



- Cyan (0%)
- Magenta (36%)
- Yellow (28%)
- Black (15%)



- Cyan (15%)
- Magenta (45%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 164.3740, -3.6354, 46.1530 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 164.3740, -3.6354, 46.1530 by changing the saturation by 10% instead.



 164.3740, -3.6354,  
46.1530

 164.3740, -3.6354,  
46.1530


255.0000, 0.0000,  
0.0000


 137.4770, -3.1932,  
44.3087


 213.5900, -1.2769,  
36.3166

 111.5800, -2.7509,  
42.4643


 233.9190, 2.9979,  
18.4880

 86.0960, -2.0193,  
41.1348

 252.0650, 1.4470,  
2.5740

 61.3130, -1.1403,  
39.1905

 36.3560, 0.3175,  
38.2758

 18.2690, -1.1186,  
32.2131

 8.7850, -3.8380,

17.7286

■ 0.0000, 0.0000,  
0.0000

■ 164.3740, -3.6354,  
46.1530

■ 164.3740, -3.6354,  
46.1530

■ 149.5220, -4.6943,  
59.1782

■ 179.2260, -2.5764,  
33.1278

■ 135.3710, -5.6059,  
71.5886

■ 193.3770, -1.6649,  
20.7174

■ 120.5190, -6.6649,  
84.6138

■ 208.2290, -0.6059,  
7.6922

■ 105.6670, -7.7238,  
97.6390

■ 223.0810, 0.4531,  
-5.3330

■ 90.9290, -8.3460,  
110.5643

■ 237.8190, 1.0752,  
-18.2583

■ 76.6640, -9.6944,  
123.0747

■ 243.6380, 5.6015,  
-23.3615

■ 70.5830, -10.1474,  
128.4077

# Harmonies

## Analogous

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



165.5430, 10.0853, 31.9728



164.3740, -3.6354, 46.1530



162.6440, -16.5865, 46.7932

# Triad

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



164.3740, -3.6354, 46.1530



155.4400, -20.9229, -9.1559



150.0740, 31.0225, -57.0699

# Complementary

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



164.3740, -3.6354, 46.1530



191.6260, 3.6354, -46.1530

# 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.



142.9550, 24.6722, -73.6285



164.3740, -3.6354, 46.1530



151.1190, -7.4537, -36.0614

# Square

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



164.3740, -3.6354, 46.1530



158.8730, -27.5454, 15.0204



145.4330, 9.6465, -60.8927



158.5170, 29.3251, -25.8864



# Rectangle

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



164.3740, -3.6354, 46.1530



161.8790, -23.1113, 39.5711



145.4330, 9.6465, -60.8927



146.7910, 30.1760, -65.5917

# Sweetspot

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



164.3740, -3.6354, 46.1530



236.0560, -1.5066, 16.6139



165.8320, 25.2258, 29.0883



116.5390, -0.7587, 10.0513



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.



164.3740, -3.6354, 46.1530



180.8540, -4.8580, 65.0260



174.6490, -17.5750, 37.1418



102.5170, -0.7479, 6.5626



56.2870, -8.0295, 102.3573



15.0080, -1.9759, 27.1800



# Inverse Universe

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



164.3740, -3.6354, 46.1530



180.8540, -4.8580, 65.0260



181.3510, 17.5750, -37.1418



102.5170, -0.7479, 6.5626



56.2870, -8.0295, 102.3573



15.0080, -1.9759, 27.1800



# Previews

## White Background



This preview shows how the YUV color 164.3740, -3.6354, 46.1530 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

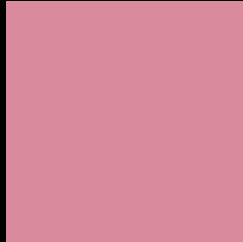
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 164.3740, -3.6354, 46.1530 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

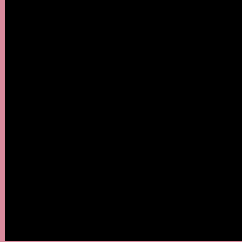
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 164.3740, -3.6354, 46.1530

## Background



This preview shows how black text looks on a background with the YUV color 164.3740, -3.6354, 46.1530.



This preview shows how white text looks on a background with the YUV color 164.3740, -3.6354,



# 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

164.3740, -3.6354, 46.1530

### Protanopia

162.2110, 3.3470, -0.1850

### Deuteranopia

162.9480, -4.4114, 14.9546



## Tritanopia

163.9780, -6.3982, 45.6233

# Trichromacy



## Original Color

164.3740, -3.6354, 46.1530

## Protanomaly

163.0390, 0.9668, 16.6288

## Deuteranomaly

163.4270, -4.1545, 25.9355

## Tritanomaly

164.2060, -5.5246, 45.4233

# Monochromacy



## Original Color

164.3740, -3.6354, 46.1530

## Achromatopsia

164.0000, 0.0000, 0.0000

## Achromatomaly

164.0560, -1.5066, 16.6139

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 164.3740, -3.6354, 46.1530 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(217, 139, 157)` looks like.

```
.text, #text, p{  
    color:rgb(217, 139, 157)  
}
```

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(217, 139, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 139, 157) }
```

## Border

The CSS property to change the border of an element to YUV 164.3740, -3.6354, 46.1530 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(217, 139, 157) }
```



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

```
.border{ border-color:rgb(217, 139, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 139, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 139, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 139, 157);  
box-shadow:4px 4px 4px 4px rgb(217, 139,  
157) }
```

# Background

The CSS property to change the background color of an element to YUV 164.3740, -3.6354, 46.1530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 139, 157) }
```

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

```
.background{ background-color: rgb(217,  
139, 157) }
```

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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