

# Converting Colors

YUV(148.4360, 25.9141,  
41.7136)

Have a look what the booklet for  
YUV(148.4360, 25.9141, 41.7136)  
contains.

<b>YUV(148.4360, 25.9141, 41.7136)</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(148.4360, 25.9141,  
41.7136)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C472C9
RGB	196, 114, 201
RGB Percent	77%, 45%, 79%
CMY	0.2314, 0.5529, 0.2118
CMYK	0.02, 0.43, 0.00, 0.21
HSL	297°, 45%, 62%
HSV	297°, 43%, 79%
XYZ	39.3249, 27.9874, 58.5878
YIQ	148.4360, 20.9450, 44.4410

# Conversions

## Conversions Part 2

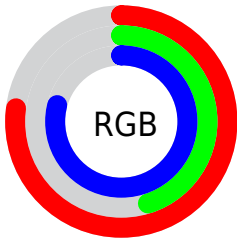
Format	Color
<a href="#">RYB</a>	<a href="#">196, 114, 201</a>
Decimal	<a href="#">12874441</a>
CIELab	<a href="#">59.88, 45.52, -31.85</a>
CIELCh	<a href="#">60, 55.553, 325.019</a>
Yxy	<a href="#">27.9874, 0.3123, 0.2223</a>
Android (android.graphics.Color)	<a href="#">4291064521</a> ( <a href="#">0xFFC472C9</a> )
YUV	<a href="#">148.4360, 25.9141, 41.7136</a>
Hunter-Lab	<a href="#">52.9032, 40.1052, -28.6287</a>

# Details

The YUV color **148.4360, 25.9141, 41.7136** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **166.5640, -25.9141, -41.7136**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.6320, 25.3244, 44.1727**, and **95.0120, 25.6301, 39.4545** is the 20% darker color. If you saturate the color by 10%, you get **136.3970, 31.8493, 51.3948**, and if you desaturate by 10%, it is **160.4750, 19.9788, 32.0324**.

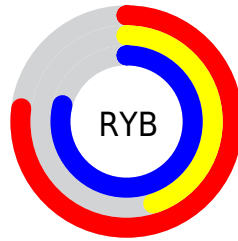
# Distribution



Red (77%)

Green (45%)

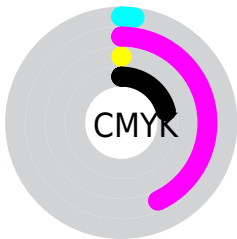
Blue (79%)



Red (77%)

Yellow (45%)

Blue (79%)

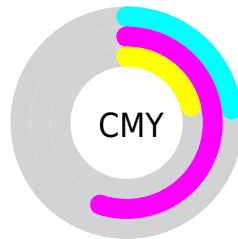


Cyan (2%)

Magenta (43%)

Yellow (0%)

Black (21%)



Cyan (23%)

Magenta (55%)


Yellow (21%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 148.4360, 25.9141, 41.7136 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 148.4360, 25.9141, 41.7136 by changing the saturation by 10% instead.





 148.4360, 25.9141,  
41.7136


 148.4360, 25.9141,  
41.7136


255.0000, 0.0000,  
0.0000

 121.6100, 25.3353,  
40.6840


 203.6320, 25.3244,  
44.1727

 95.0120, 25.6301,  
39.4545


 220.3670, 17.0741,  
30.3731


 69.0120, 25.6301,  
39.4545

 236.8030, 8.9711,  
15.9588

 39.3050, 27.9506,  
41.8285

253.8260, 0.5788,  
1.0296

 26.6320, 21.8734,  
31.0177

 17.8450, 15.3594,  
20.3069

 3.0780, 11.7935,

-2.6994

0.0000, 0.0000,  
0.0000

148.4360, 25.9141,  
41.7136

148.4360, 25.9141,  
41.7136

136.3970, 31.8493,  
51.3948

160.4750, 19.9788,  
32.0324

124.3580, 37.7845,  
61.0760

172.5140, 14.0436,  
22.3512

112.3190, 43.7197,  
70.7572

184.5530, 8.1084,  
12.6700

99.9810, 49.8024,  
79.8237

196.8910, 2.0257,  
3.6036

87.9420, 55.7376,  
89.5049

209.5170, -4.1989,  
-6.5924

■ 79.4250, 59.9365,  
96.0973

■ 221.5560,  
-10.1341, -16.2736

■ 233.5950,  
-16.0693, -25.9548

■ 233.8940,  
-16.2167, -25.3400

■ 234.1930,  
-16.3641, -24.7253

# Harmonies

## Analogous

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



144.9760, 43.3958, -12.2570



148.4360, 25.9141, 41.7136



144.5420, 5.1558, 73.1927

# Triad

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



148.4360, 25.9141, 41.7136



138.9620, -49.2813, 33.3593



119.5920, 31.7531, -104.8822

# Complementary

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



148.4360, 25.9141, 41.7136



166.5640, -25.9141, -41.7136

# 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.



113.3050, 10.2026, -99.3685



148.4360, 25.9141, 41.7136



134.7400, -42.7628, -4.1570

# Square

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



148.4360, 25.9141, 41.7136



141.4230, -38.1695, 62.7730



125.1050, -19.7718, -51.8351



121.2170, 50.6720, -106.3073



# Rectangle

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



148.4360, 25.9141, 41.7136



142.5740, -10.1430, 80.1806



125.1050, -19.7718, -51.8351



117.7680, 24.7644, -103.2825

# Sweetspot

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



148.4360, 25.9141, 41.7136



235.0310, 9.8447, 15.7588



127.4400, 36.2651, -11.7869



115.0750, 6.3720, 9.5812



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.



148.4360, 25.9141, 41.7136



174.5370, 39.6683, 63.5501



145.5990, 8.5787, 48.5867



93.7170, 2.6045, 4.6332



64.6280, 48.4974, 78.3792



14.2700, 10.7129, 17.3032



# Inverse Universe

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



140.5830, -10.6404, 52.9857



162.6790, -16.1107, 80.9655



169.4010, -8.5787, -48.5867



92.6910, -1.3267, 5.5330



49.7630, -20.0962, 99.3088



10.9920, -4.4331, 21.9320



# Previews

## White Background



This preview shows how the YUV color 148.4360, 25.9141, 41.7136 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

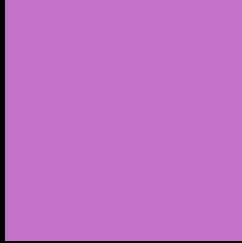
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 148.4360, 25.9141, 41.7136 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

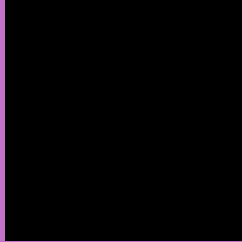
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 148.4360, 25.9141, 41.7136

## Background



This preview shows how black text looks on a background with the YUV color 148.4360, 25.9141, 41.7136.



This preview shows how white text looks on a background with the YUV color 148.4360, 25.9141, 41.7136.



# 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

148.4360, 25.9141, 41.7136

### Protanopia

143.2750, 39.7974, -24.7972

### Deuteranopia

145.1550, 25.0666, -13.2909



## Tritanopia

147.0800, -4.4764, 35.8868

# Trichromacy



## Original Color

148.4360, 25.9141, 41.7136



## Protanomaly

145.1640, 34.9221, -1.0208



## Deuteranomaly

146.1020, 25.5857, 6.9265



## Tritanomaly

147.6640, 6.5746, 38.0057

# Monochromacy



## Original Color

148.4360, 25.9141, 41.7136



## Achromatopsia

148.0000, 0.0000, 0.0000



## Achromatomaly

148.2050, 9.2659, 14.7292

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 148.4360, 25.9141, 41.7136 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(196, 114, 201)` looks like.

```
.text, #text, p{  
    color:rgb(196, 114, 201)  
}
```

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(196, 114, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 114, 201) }
```

## Border

The CSS property to change the border of an element to YUV 148.4360, 25.9141, 41.7136 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(196, 114, 201) }
```



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

```
.border{ border-color:rgb(196, 114, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 114, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 114, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 114, 201);  
box-shadow:4px 4px 4px 4px rgb(196, 114,  
201) }
```

# Background

The CSS property to change the background color of an element to YUV 148.4360, 25.9141, 41.7136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 114, 201) }
```

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

```
.background{ background-color: rgb(196,  
114, 201) }
```

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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