

Converting Colors

YUV(116.8640, 37.0420,
65.8943)

Have a look what the booklet for
YUV(116.8640, 37.0420, 65.8943)
contains.

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Color

**YUV(116.8640, 37.0420,
65.8943)**

Conversions

Conversions Part 1

Format	Color
Hex	C040C0
RGB	192, 64, 192
RGB Percent	75%, 25%, 75%
CMY	0.2471, 0.7490, 0.2471
CMYK	0.00, 0.67, 0.00, 0.25
HSL	300°, 50%, 50%
HSV	300°, 67%, 75%
XYZ	33.0861, 18.6790, 51.7308
YIQ	116.8640, 35.2000, 66.9440

Conversions

Conversions Part 2

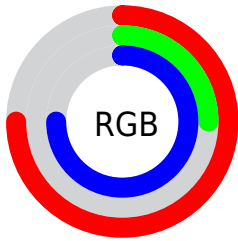
Format	Color
R _Y B	192, 64, 192
Decimal	12599488
CIE Lab	50.31, 65.91, -41.73
CIE LCh	50, 78.012, 327.658
Yxy	18.6790, 0.3197, 0.1805
Android (android.graphics.Color)	4290789568 (0xFFC040C0)
YUV	116.8640, 37.0420, 65.8943
Hunter-Lab	43.2192, 61.0152, -40.7130

Details

The YUV color **116.8640, 37.0420, 65.8943** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **139.1360, -37.0420, -65.8943**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.0490, 36.4578, 66.6090**, and **56.0970, 40.3782, 69.1979** is the 20% darker color. If you saturate the color by 10%, you get **105.7110, 42.5405, 75.6755**, and if you desaturate by 10%, it is **128.0170, 31.5436, 56.1131**.

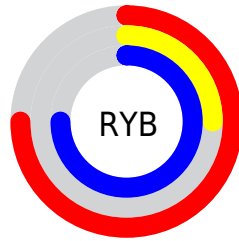
Distribution



Red (75%)

Green (25%)

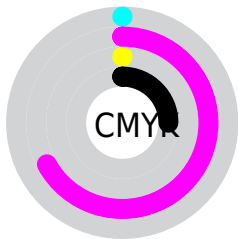
Blue (75%)



Red (75%)

Yellow (25%)

Blue (75%)

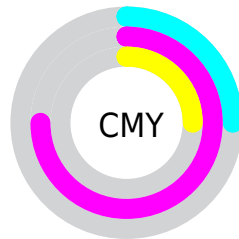


Cyan (0%)

Magenta (67%)

Yellow (0%)

Black (25%)



Cyan (25%)


Magenta (75%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the YUV color 116.8640, 37.0420, 65.8943 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 116.8640, 37.0420, 65.8943 by changing the saturation by 10% instead.


 116.8640, 37.0420,
65.8943


 116.8640, 37.0420,
65.8943


255.0000, 0.0000,
0.0000


 85.1570, 39.3626,
68.2683


 175.0490, 36.4578,
66.6090


 56.0970, 40.3782,
69.1979


 193.3650, 30.3861,
54.0539


 44.7610, 33.1488,
54.5836


 209.8010, 22.2831,
39.6395

 33.8380, 26.2089,
40.4841

 226.8240, 13.8908,
24.7104

 23.6270, 19.4109,
27.5141

 244.4340, 5.2090,
9.2664

 11.7360, 13.9342,
10.7555

 2.5250, 7.1362,

-2.2144

■ 0.0000, 0.0000,
0.0000

■ 116.8640, 37.0420,
65.8943

■ 116.8640, 37.0420,
65.8943

■ 105.7110, 42.5405,
75.6755

■ 128.0170, 31.5436,
56.1131

■ 94.5580, 48.0389,
85.4566

■ 139.1700, 26.0452,
46.3319

■ 82.8180, 53.8267,
95.7526

■ 150.9100, 20.2574,
36.0359

■ 79.2960, 55.5631,
98.8414

■ 162.0630, 14.7589,
26.2547

■ 173.2160, 9.2605,
16.4736

■ 184.3690, 3.7621,
6.6924

■ 195.5220, -1.7363,
-3.0888

■ 207.2620, -7.5242,
-13.3848

■ 218.4150,
-13.0226, -23.1660

Harmonies

Analogous

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



116.9980, 60.1470, -18.4152



116.8640, 37.0420, 65.8943



92.1670, 17.6657, 120.8795

Triad

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



116.8640, 37.0420, 65.8943



112.3550, -55.3910, 33.0147



107.3960, 35.7938, -94.1863

Complementary

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



116.8640, 37.0420, 65.8943



139.1360, -37.0420, -65.8943

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.



99.0570, 6.3809, -86.8730



116.8640, 37.0420, 65.8943



103.4860, -51.0186, -16.2122

Square

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



116.8640, 37.0420, 65.8943



109.9830, -54.2216, 78.0679



88.5010, -23.9110, -77.6154



110.3890, 59.9542, -96.8112

Rectangle

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



116.8640, 37.0420, 65.8943



94.5050, -5.1790, 121.4601



88.5010, -23.9110, -77.6154



104.8880, 26.1842, -91.9868

Sweetspot

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



116.8640, 37.0420, 65.8943



220.6500, 14.4696, 25.7400



78.5920, 55.9101, -12.7972



107.3900, 8.6817, 15.4440



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



116.8640, 37.0420, 65.8943



132.6000, 57.8782, 102.9598



109.5680, 9.0870, 72.2929



91.1300, 2.8939, 5.1480



66.4930, 46.5920, 82.8826



13.6290, 9.5499, 16.9884

Inverse Universe

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



116.8640, 37.0420, 65.8943



132.6000, 57.8782, 102.9598



146.4320, -9.0870, -72.2929



91.1300, 2.8939, 5.1480



66.4930, 46.5920, 82.8826



13.6290, 9.5499, 16.9884

Previews

White Background



This preview shows how the YUV color 116.8640, 37.0420, 65.8943 looks on a white background.

Color Contrast Check

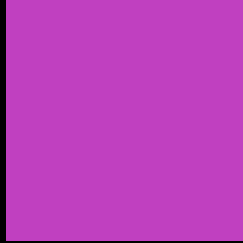
Large Text (above 18pt) WCAG AA ✓ Pass

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 116.8640, 37.0420, 65.8943 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

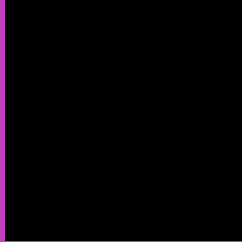
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 116.8640, 37.0420, 65.8943

Background



This preview shows how black text looks on a background with the YUV color 116.8640, 37.0420, 65.8943.



This preview shows how white text looks on a background with the YUV color 116.8640, 37.0420, 65.8943.

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

116.8640, 37.0420, 65.8943

Protanopia

106.0310, 66.5397, -62.2942

Deuteranopia

118.2120, 31.9405, -24.7419



Tritanopia

120.1100, -9.9142, 53.4005

Trichromacy



Original Color

116.8640, 37.0420, 65.8943



Protanomaly

109.8690, 55.7736, -15.6711



Deuteranomaly

117.8770, 33.5846, 8.0009



Tritanomaly

118.6110, 7.0938, 58.2232

Monochromacy



Original Color

116.8640, 37.0420, 65.8943



Achromatopsia

117.0000, 0.0000, 0.0000



Achromatomaly

116.9980, 13.3120, 23.6808

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.8640, 37.0420, 65.8943 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(192, 64, 192)` looks like.

```
.text, #text, p{  
    color:rgb(192, 64, 192)  
}
```

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(192, 64, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 64, 192) }
```

Border

The CSS property to change the border of an element to YUV 116.8640, 37.0420, 65.8943 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(192, 64, 192) }
```


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

```
.border{ border-color:rgb(192, 64, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 64, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 64, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 64, 192);  
box-shadow:4px 4px 4px 4px rgb(192, 64,  
192) }
```

Background

The CSS property to change the background color of an element to YUV 116.8640, 37.0420, 65.8943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 64, 192) }
```

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

```
.background{ background-color: rgb(192, 64,  
192) }
```

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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