

Converting Colors

YUV(146.3880, 21.9937,
39.1247)

Have a look what the booklet for
YUV(146.3880, 21.9937, 39.1247)
contains.

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Color

**YUV(146.3880, 21.9937,
39.1247)**

Conversions

Conversions Part 1

Format	Color
Hex	BF73BF
RGB	191, 115, 191
RGB Percent	75%, 45%, 75%
CMY	0.2510, 0.5490, 0.2510
CMYK	0.00, 0.40, 0.00, 0.25
HSL	300°, 37%, 60%
HSV	300°, 40%, 75%
XYZ	37.0206, 27.0994, 52.5697
YIQ	146.3880, 20.9000, 39.7480

Conversions

Conversions Part 2

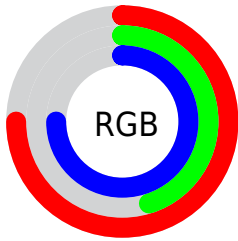
Format	Color
RYB	191, 115, 191
Decimal	12547007
CIELab	59.07, 41.59, -27.48
CIELCh	59, 49.845, 326.550
Yxy	27.0994, 0.3173, 0.2322
Android (android.graphics.Color)	4290737087 (0xFFBF73BF)
YUV	146.3880, 21.9937, 39.1247
Hunter-Lab	52.0571, 35.8409, -23.4339

Details

The YUV color **146.3880, 21.9937, 39.1247** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **159.6120, -21.9937, -39.1247**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.9260, 22.7145, 41.2839**, and **93.8500, 21.2730, 36.9656** is the 20% darker color. If you saturate the color by 10%, you get **135.2350, 27.4921, 48.9059**, and if you desaturate by 10%, it is **157.5410, 16.4953, 29.3435**.

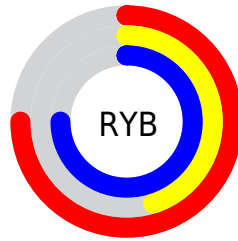
Distribution



Red (75%)

Green (45%)

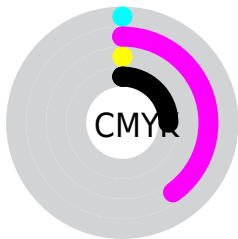
Blue (75%)



Red (75%)

Yellow (45%)

Blue (75%)

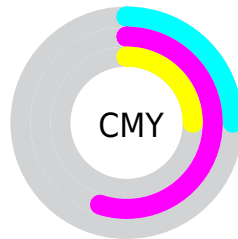


Cyan (0%)

Magenta (40%)

Yellow (0%)

Black (25%)



Cyan (25%)

Magenta (55%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 146.3880, 21.9937, 39.1247 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 146.3880, 21.9937, 39.1247 by changing the saturation by 10% instead.

146.3880, 21.9937,
39.1247

146.3880, 21.9937,
39.1247

255.0000, 0.0000,
0.0000

119.6760, 21.8517,
37.9951

201.9260, 22.7145,
41.2839

93.8500, 21.2730,
36.9656

220.3670, 17.0741,
30.3731

68.2520, 21.5678,
35.7360

237.3900, 8.6817,
15.4440

40.9040, 22.7253,
37.7952

254.4130, 0.2894,
0.5148

24.8230, 18.8213,
29.9732

16.0360, 12.3073,
19.2624

2.7530, 8.0098,

-2.4144

0.0000, 0.0000,
0.0000

146.3880, 21.9937,
39.1247

146.3880, 21.9937,
39.1247

135.2350, 27.4921,
48.9059

157.5410, 16.4953,
29.3435

124.0820, 32.9906,
58.6871

168.6940, 10.9969,
19.5624

112.9290, 38.4890,
68.4683

179.8470, 5.4984,
9.7812

101.7760, 43.9874,
78.2494

191.0000, 0.0000,
0.0000

90.6230, 49.4859,
88.0306

202.7400, -5.7878,
-10.2960

78.8830, 55.2737,
98.3266

213.8930,
-11.2862, -20.0772

225.0460,
-16.7847, -29.8583

228.5680,
-18.5210, -32.9471

Harmonies

Analogous

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



143.9290, 37.9960, -6.9537



146.3880, 21.9937, 39.1247



143.5150, 2.7041, 66.2003

Triad

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



146.3880, 21.9937, 39.1247



137.8350, -43.3027, 29.0857



116.2010, 31.4529, -101.9083

Complementary

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



146.3880, 21.9937, 39.1247



159.6120, -21.9937, -39.1247

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.



111.0710, 11.7970, -97.4093



146.3880, 21.9937, 39.1247



133.6350, -36.7951, -4.9419

Square

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



146.3880, 21.9937, 39.1247



140.5900, -34.8009, 55.6106



125.9360, -16.7304, -47.3019



117.7290, 47.4616, -103.2483

Rectangle

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



146.3880, 21.9937, 39.1247



141.4050, -10.5527, 71.5588



125.9360, -16.7304, -47.3019



115.1920, 25.0483, -101.0234

Sweetspot

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



146.3880, 21.9937, 39.1247



229.9770, 8.3923, 14.9292



123.6640, 33.1966, -7.5983



114.4340, 5.2090, 9.2664



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.



146.3880, 21.9937, 39.1247



177.7340, 34.1481, 60.7463



142.0560, 5.3954, 42.9239



88.7170, 2.6045, 4.6332



65.2540, 45.7238, 81.3382



12.8030, 8.9711, 15.9588

Inverse Universe

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



146.3880, 21.9937, 39.1247



177.7340, 34.1481, 60.7463



163.9440, -5.3954, -42.9239



88.7170, 2.6045, 4.6332



65.2540, 45.7238, 81.3382



12.8030, 8.9711, 15.9588

Previews

White Background



This preview shows how the YUV color 146.3880, 21.9937, 39.1247 looks on a white background.

Color Contrast Check

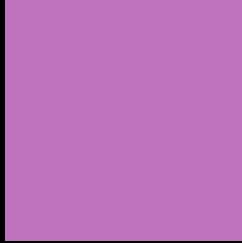
Large Text (above 18pt) WCAG AA ✓ Pass

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 146.3880, 21.9937, 39.1247 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 146.3880, 21.9937, 39.1247

Background



This preview shows how black text looks on a background with the YUV color 146.3880, 21.9937, 39.1247.



This preview shows how white text looks on a background with the YUV color 146.3880, 21.9937, 39.1247.

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

146.3880, 21.9937, 39.1247

Protanopia

141.8150, 34.1082, -20.0088

Deuteranopia

143.1510, 21.1246, -8.9024



Tritanopia

145.0690, -4.4710, 34.1425

Trichromacy



Original Color

146.3880, 21.9937, 39.1247



Protanomaly

143.5080, 29.8226, 1.3085



Deuteranomaly

144.3750, 21.5071, 8.4411



Tritanomaly

145.8980, 4.9803, 36.0465

Monochromacy



Original Color

146.3880, 21.9937, 39.1247



Achromatopsia

146.0000, 0.0000, 0.0000



Achromatomaly

146.1510, 7.8136, 13.8996

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.3880, 21.9937, 39.1247 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(191, 115, 191)` looks like.

```
.text, #text, p{  
    color:rgb(191, 115, 191)  
}
```

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(191, 115, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 115, 191) }
```

Border

The CSS property to change the border of an element to YUV 146.3880, 21.9937, 39.1247 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(191, 115, 191) }
```


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

```
.border{ border-color:rgb(191, 115, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 115, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 115, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 115, 191);  
box-shadow:4px 4px 4px 4px rgb(191, 115,  
191) }
```

Background

The CSS property to change the background color of an element to YUV 146.3880, 21.9937, 39.1247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 115, 191) }
```

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

```
.background{ background-color: rgb(191,  
115, 191) }
```

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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