

Converting Colors

YUV(144.5020, 22.4305,
39.0247)

Have a look what the booklet for
YUV(144.5020, 22.4305, 39.0247)
contains.

YUV(144.5020, 22.4305, 39.0247)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(144.5020, 22.4305,
39.0247)**

Conversions

Conversions Part 1

Format	Color
Hex	BD71BE
RGB	189, 113, 190
RGB Percent	74%, 44%, 75%
CMY	0.2588, 0.5569, 0.2549
CMYK	0.01, 0.41, 0.00, 0.25
HSL	299°, 37%, 59%
HSV	299°, 41%, 75%
XYZ	36.1857, 26.3468, 51.8934
YIQ	144.5020, 20.5790, 40.0590

Conversions

Conversions Part 2

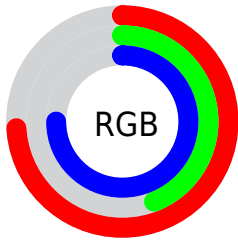
Format	Color
RYB	189, 113, 190
Decimal	12415422
CIELab	58.36, 41.85, -28.01
CIELCh	58, 50.355, 326.205
Yxy	26.3468, 0.3162, 0.2303
Android (android.graphics.Color)	4290605502 (0xFFBD71BE)
YUV	144.5020, 22.4305, 39.0247
Hunter-Lab	51.3291, 36.0118, -24.0115

Details

The YUV color $144.5020, 22.4305, 39.0247$ is a light color, and the websafe version is hex $CC66CC$. A complement of this color would be $158.4980, -22.4305, -39.0247$, and the grayscale version is $144.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $200.0400, 23.1513, 41.1839$, and $91.9640, 21.7097, 36.8656$ is the 20% darker color. If you saturate the color by 10%, you get $133.3490, 27.9289, 48.8059$, and if you desaturate by 10%, it is $155.6550, 16.9321, 29.2436$.

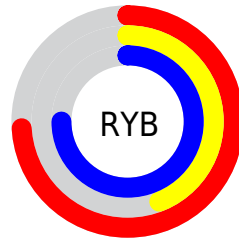
Distribution



Red (74%)

Green (44%)

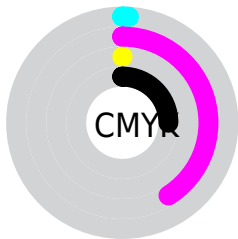
Blue (75%)



Red (74%)

Yellow (44%)

Blue (75%)

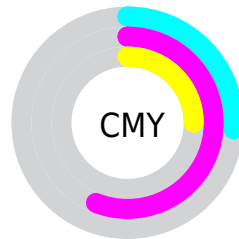


Cyan (1%)

Magenta (41%)

Yellow (0%)

Black (25%)



Cyan (26%)

Magenta (56%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 144.5020, 22.4305, 39.0247 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 144.5020, 22.4305, 39.0247 by changing the saturation by 10% instead.

144.5020, 22.4305,
39.0247

144.5020, 22.4305,
39.0247

255.0000, 0.0000,
0.0000

117.7900, 22.2885,
37.8952

200.0400, 23.1513,
41.1839

91.9640, 21.7097,
36.8656

219.1930, 17.6529,
31.4027

66.6650, 21.8572,
36.2508

236.2160, 9.2605,
16.4736

38.4310, 23.4515,
38.2100

253.2390, 0.8682,
1.5444

24.1110, 18.6793,
28.8437

15.3240, 12.1653,
18.1329

2.6390, 7.5730,

-2.3144

■ 0.0000, 0.0000,
0.0000

■ 144.5020, 22.4305,
39.0247

■ 144.5020, 22.4305,
39.0247

■ 133.3490, 27.9289,
48.8059

■ 155.6550, 16.9321,
29.2436

■ 122.1960, 33.4274,
58.5871

■ 166.8080, 11.4337,
19.4624

■ 110.7440, 39.0732,
67.7535

■ 178.2600, 5.7878,
10.2960

■ 99.5910, 44.5716,
77.5347

■ 189.4130, 0.2894,
0.5148

■ 88.4380, 50.0701,
87.3159

■ 200.5660, -5.2090,
-9.2664

■ 77.8720, 55.2791,
96.5823

■ 211.7190,
-10.7075, -19.0476

■ 223.1710,
-16.3533, -28.2140

■ 228.4540,
-18.9578, -32.8472

Harmonies

Analogous

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



141.7440, 38.5802, -7.6685



144.5020, 22.4305, 39.0247



141.6290, 3.1409, 66.1004

Triad

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



144.5020, 22.4305, 39.0247



136.0200, -43.8869, 29.8005



115.3860, 30.8687, -101.1935

Complementary

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



144.5020, 22.4305, 39.0247



158.4980, -22.4305, -39.0247

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.



110.2560, 11.2128, -96.6945



144.5020, 22.4305, 39.0247



131.5210, -37.2319, -4.8419

Square

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



144.5020, 22.4305, 39.0247



138.1880, -35.0957, 56.8401



123.5230, -17.0198, -47.8167



116.4410, 47.6036, -102.1188

Rectangle

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



144.5020, 22.4305, 39.0247



139.7040, -10.7001, 72.1736



123.5230, -17.0198, -47.8167



113.7900, 24.7535, -99.7938

Sweetspot

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



144.5020, 22.4305, 39.0247



229.9770, 8.3923, 14.9292



122.3650, 33.3441, -8.2131



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.



144.5020, 22.4305, 39.0247



175.6740, 35.1637, 61.6759



140.5830, 6.1216, 43.3387



88.7170, 2.6045, 4.6332



64.6560, 46.0186, 80.1087



12.5040, 9.1185, 15.3440

Inverse Universe

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



136.1370, -10.9135, 47.2379



162.4070, -16.9627, 74.1881



162.4170, -6.1216, -43.3387



87.6910, -1.3267, 5.5330



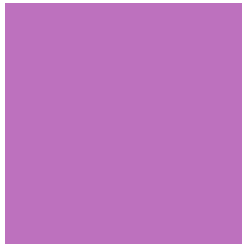
47.4700, -22.4167, 96.9348



9.2690, -4.5696, 19.0581

Previews

White Background



This preview shows how the YUV color 144.5020, 22.4305, 39.0247 looks on a white background.

Color Contrast Check

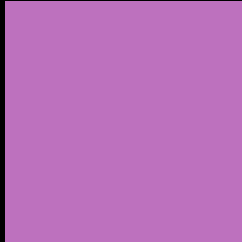
Large Text (above 18pt) WCAG AA ✓ Pass

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 144.5020, 22.4305, 39.0247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

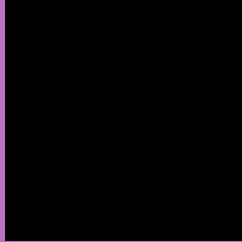
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 144.5020, 22.4305, 39.0247

Background



This preview shows how black text looks on a background with the YUV color 144.5020, 22.4305, 39.0247.



This preview shows how white text looks on a background with the YUV color 144.5020, 22.4305, 39.0247.

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

144.5020, 22.4305, 39.0247

Protanopia

139.6300, 34.6924, -20.7235

Deuteranopia

140.9660, 21.7088, -9.6172



Tritanopia

143.0690, -4.4710, 34.1425

Trichromacy



Original Color

144.5020, 22.4305, 39.0247

Protanomaly

141.6220, 30.2594, 1.2085

Deuteranomaly

142.1900, 22.0913, 7.7264

Tritanomaly

143.8980, 4.9803, 36.0465

Monochromacy



Original Color

144.5020, 22.4305, 39.0247

Achromatopsia

145.0000, 0.0000, 0.0000

Achromatomaly

144.5640, 8.1029, 14.4144

CSS Examples

Text

The CSS property to change the color of the text to YUV 144.5020, 22.4305, 39.0247 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(189, 113, 190)` looks like.

```
.text, #text, p{  
    color:rgb(189, 113, 190)  
}
```

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(189, 113, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 113, 190) }
```

Border

The CSS property to change the border of an element to YUV 144.5020, 22.4305, 39.0247 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(189, 113, 190) }
```


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

```
.border{ border-color:rgb(189, 113, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 113, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(189, 113, 190); -webkit-box-shadow:4px 4px 4px 4px rgb(189, 113, 190); box-shadow:4px 4px 4px 4px rgb(189, 113, 190) }
```

Background

The CSS property to change the background color of an element to YUV 144.5020, 22.4305, 39.0247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 113, 190) }
```

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

```
.background{ background-color: rgb(189,  
113, 190) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor