

Converting Colors

YUV(109.7050, 21.3444,
60.7717)

Have a look what the booklet for
YUV(109.7050, 21.3444, 60.7717)
contains.

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Color

**YUV(109.7050, 21.3444,
60.7717)**

Conversions

Conversions Part 1

Format	Color
Hex	B34299
RGB	179, 66, 153
RGB Percent	70%, 26%, 60%
CMY	0.2980, 0.7412, 0.4000
CMYK	0.00, 0.63, 0.15, 0.30
HSL	314°, 46%, 48%
HSV	314°, 63%, 70%
XYZ	26.2884, 15.7800, 31.7973
YIQ	109.7050, 39.4210, 51.0130

Conversions

Conversions Part 2

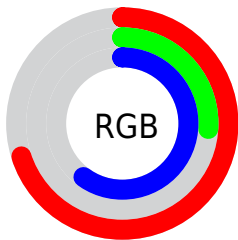
Format	Color
RYB	179, 66, 153
Decimal	11747993
CIELab	46.68, 55.58, -24.61
CIELCh	47, 60.785, 336.113
Yxy	15.7800, 0.3559, 0.2136
Android (android.graphics.Color)	4289938073 (0xFFB34299)
YUV	109.7050, 21.3444, 60.7717
Hunter-Lab	39.7241, 48.6095, -19.6520

Details

The YUV color **109.7050, 21.3444, 60.7717** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **135.2950, -21.3444, -60.7717**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.6020, 20.9022, 62.6160**, and **48.4050, 26.4223, 65.4198** is the 20% darker color. If you saturate the color by 10%, you get **98.6830, 24.8063, 70.4380**, and if you desaturate by 10%, it is **120.7270, 17.8826, 51.1054**.

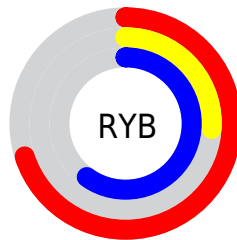
Distribution



Red (70%)

Green (26%)

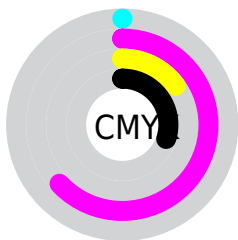
Blue (60%)



Red (70%)

Yellow (26%)

Blue (60%)

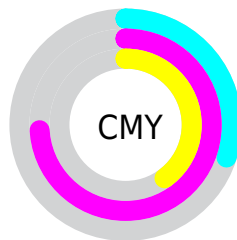


Cyan (0%)

Magenta (63%)

Yellow (15%)

Black (30%)



Cyan (30%)


Magenta (74%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the YUV color 109.7050, 21.3444, 60.7717 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 109.7050, 21.3444, 60.7717 by changing the saturation by 10% instead.


 109.7050, 21.3444,
60.7717


 109.7050, 21.3444,
60.7717


255.0000, 0.0000,
0.0000


 80.7590, 22.7968,
61.6014


 165.6020, 20.9022,
62.6160


 48.4050, 26.4223,
65.4198


 190.0250, 22.6657,
56.9831

 37.4820, 19.4824,
51.3203


 208.6270, 22.8619,
40.6691

 26.7870, 13.4160,
37.0208

 225.6500, 14.4696,
25.7400

 17.2170, 7.7810,
24.3657

 242.6730, 6.0772,
10.8108

 0.4560, 1.7472,
-0.3999

 0.0000, 0.0000,

0.0000

■ 109.7050, 21.3444,
60.7717

■ 109.7050, 21.3444,
60.7717

■ 98.6830, 24.8063,
70.4380

■ 120.7270, 17.8826,
51.1054

■ 87.6610, 28.2681,
80.1043

■ 131.7490, 14.4207,
41.4391

■ 76.6390, 31.7300,
89.7706

■ 142.7710, 10.9589,
31.7728

■ 69.2530, 33.8923,
96.2481

■ 153.7930, 7.4971,
22.1065

■ 164.3420, 4.7614,
12.8551

■ 175.3640, 1.2995,
3.1888

■ 186.3860, -2.1623,
-6.4775

■ 197.4080, -5.6241,
-16.1438

■ 208.4300, -9.0860,
-25.8101

Harmonies

Analogous

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



113.1960, 39.8364, 9.4751



109.7050, 21.3444, 60.7717



102.5390, -0.2657, 85.4733

Triad

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



109.7050, 21.3444, 60.7717



102.8200, -50.6903, 18.5749



97.4510, 35.7667, -85.4645

Complementary

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



109.7050, 21.3444, 60.7717



135.2950, -21.3444, -60.7717

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.



92.3380, 13.6374, -80.9804



109.7050, 21.3444, 60.7717



94.7440, -42.2718, -21.7005

Square

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



109.7050, 21.3444, 60.7717



103.6380, -51.0935, 54.6915



84.5350, -8.6448, -74.1372



97.8050, 52.3541, -85.7750

Rectangle

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



109.7050, 21.3444, 60.7717



102.8750, -16.7004, 83.4246



84.5350, -8.6448, -74.1372



95.6270, 28.7779, -83.8649

Sweetspot

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



109.7050, 21.3444, 60.7717



205.0320, 8.3652, 23.6509



86.0580, 45.8204, 3.4571



100.4670, 5.1928, 14.4994



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



109.7050, 21.3444, 60.7717



124.0140, 33.0241, 94.7037



103.4350, -2.6795, 66.2705



83.4890, 1.7309, 4.8331



59.1990, 28.9889, 82.2635



10.0540, 4.9034, 13.9846

Inverse Universe

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



109.7050, 21.3444, 60.7717



124.0140, 33.0241, 94.7037



141.5650, 2.6795, -66.2705



83.4890, 1.7309, 4.8331



59.1990, 28.9889, 82.2635



10.0540, 4.9034, 13.9846

Previews

White Background



This preview shows how the YUV color 109.7050, 21.3444, 60.7717 looks on a white background.

Color Contrast Check

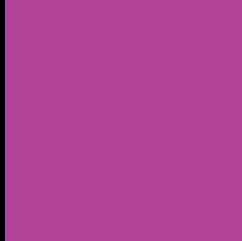
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 109.7050, 21.3444, 60.7717 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

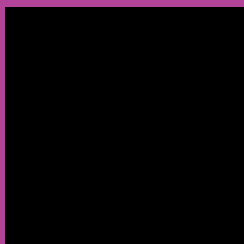
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 109.7050, 21.3444, 60.7717

Background



This preview shows how black text looks on a background with the YUV color 109.7050, 21.3444, 60.7717.



This preview shows how white text looks on a background with the YUV color 109.7050, 21.3444, 60.7717.

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

109.7050, 21.3444, 60.7717

Protanopia

108.7370, 39.0767, -26.9563

Deuteranopia

111.4240, 17.0460, -7.3878



Tritanopia

110.5940, -10.6458, 54.7301

Trichromacy



Original Color

109.7050, 21.3444, 60.7717

Protanomaly

108.9260, 32.5745, 5.3269

Deuteranomaly

110.7460, 18.8592, 17.7628

Tritanomaly

110.2920, 0.8420, 56.7489

Monochromacy



Original Color

109.7050, 21.3444, 60.7717

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

109.9070, 7.9338, 22.0066

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.7050, 21.3444, 60.7717 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(179, 66, 153)` looks like.

```
.text, #text, p{  
    color:rgb(179, 66, 153)  
}
```

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(179, 66, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 66, 153) }
```

Border

The CSS property to change the border of an element to YUV 109.7050, 21.3444, 60.7717 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(179, 66, 153) }
```


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

```
.border{ border-color:rgb(179, 66, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 66, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 66, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 66, 153);  
box-shadow:4px 4px 4px 4px rgb(179, 66,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 109.7050, 21.3444, 60.7717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 66, 153) }
```

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

```
.background{ background-color: rgb(179, 66,  
153) }
```

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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