

Converting Colors

YUV(116.8620, 23.2390,
59.7570)

Have a look what the booklet for
YUV(116.8620, 23.2390, 59.7570)
contains.

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Color

**YUV(116.8620, 23.2390,
59.7570)**

Conversions

Conversions Part 1

Format	Color
Hex	B949A4
RGB	185, 73, 164
RGB Percent	73%, 29%, 64%
CMY	0.2745, 0.7137, 0.3569
CMYK	0.00, 0.61, 0.11, 0.27
HSL	311°, 44%, 51%
HSV	311°, 61%, 73%
XYZ	29.0910, 17.7597, 37.0167
YIQ	116.8620, 37.5410, 52.0450

Conversions

Conversions Part 2

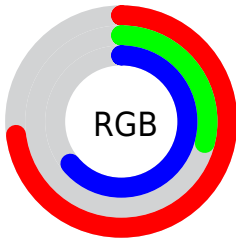
Format	Color
RYB	185, 73, 164
Decimal	12143012
CIELab	49.20, 55.91, -27.17
CIELCh	49, 62.160, 334.085
Yxy	17.7597, 0.3469, 0.2118
Android (android.graphics.Color)	4290333092 (0xFFB949A4)
YUV	116.8620, 23.2390, 59.7570
Hunter-Lab	42.1423, 49.4702, -22.5792

Details

The YUV color **116.8620, 23.2390, 59.7570** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **141.1380, -23.2390, -59.7570**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.7590, 22.7968, 61.6014**, and **54.2740, 28.4589, 65.5347** is the 20% darker color. If you saturate the color by 10%, you get **105.3670, 27.4271, 69.8381**, and if you desaturate by 10%, it is **127.7700, 19.3404, 50.1907**.

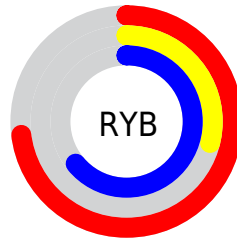
Distribution



Red (73%)

Green (29%)

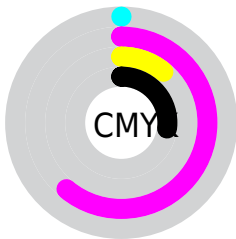
Blue (64%)



Red (73%)

Yellow (29%)

Blue (64%)

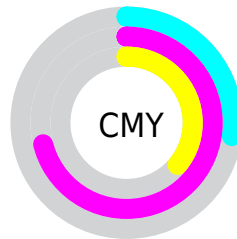


Cyan (0%)

Magenta (61%)

Yellow (11%)

Black (27%)



Cyan (27%)

Magenta (71%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.8620, 23.2390, 59.7570 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 116.8620, 23.2390, 59.7570 by changing the saturation by 10% instead.

■ 116.8620, 23.2390,
59.7570

■ 116.8620, 23.2390,
59.7570

255.0000, 0.0000,
0.0000

■ 88.5030, 24.4020,
60.0719

■ 172.7590, 22.7968,
61.6014

■ 54.2740, 28.4589,
65.5347

■ 195.5020, 25.8815,
52.1797

■ 40.4160, 22.9659,
54.0092

■ 213.3230, 20.5468,
36.5507

■ 29.6070, 16.4627,
39.8097

■ 229.7590, 12.4438,
22.1364

■ 20.2220, 10.2436,
27.8693

■ 246.7820, 4.0515,
7.2072

■ 6.3520, 6.2355,
6.7073

■ 0.0000, 0.0000,

0.0000

■ 116.8620, 23.2390,
59.7570

■ 116.8620, 23.2390,
59.7570

■ 105.3670, 27.4271,
69.8381

■ 127.7700, 19.3404,
50.1907

■ 94.3450, 30.8889,
79.5044

■ 139.3790, 15.5892,
40.0096

■ 82.8500, 35.0770,
89.5856

■ 150.8740, 11.4011,
29.9285

■ 72.4150, 38.2494,
98.7370

■ 161.8960, 7.9393,
20.2622

■ 172.8040, 4.0406,
10.6959

■ 184.4130, 0.2894,
0.5148

■ 195.9080, -3.8986,
-9.5663

■ 206.9300, -7.3605,
-19.2326

■ 217.8380,
-11.2591, -28.7989

Harmonies

Analogous

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



118.8580, 42.4680, 5.3865



116.8620, 23.2390, 59.7570



109.3050, 1.3286, 87.4325

Triad

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



116.8620, 23.2390, 59.7570



108.7450, -53.6113, 22.1486



102.1300, 35.9249, -89.5680

Complementary

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



116.8620, 23.2390, 59.7570



141.1380, -23.2390, -59.7570

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.



96.7890, 12.9220, -84.8840



116.8620, 23.2390, 59.7570



101.2560, -45.4822, -18.6415

Square

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



116.8620, 23.2390, 59.7570



110.3610, -50.9570, 57.5654



88.7580, -10.2337, -77.8408



102.8260, 53.8228, -90.1784

Rectangle

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



116.8620, 23.2390, 59.7570



109.1250, -15.8376, 86.7134



88.7580, -10.2337, -77.8408



100.8930, 28.6468, -88.4832

Sweetspot

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



116.8620, 23.2390, 59.7570



213.8470, 8.9494, 22.9362



92.0470, 45.8258, 1.7128



103.5810, 5.6296, 14.3995



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



116.8620, 23.2390, 59.7570



133.5130, 36.2291, 93.3891



110.4780, -1.2217, 65.3558



86.4890, 1.7309, 4.8331



61.0080, 32.0411, 83.3080



10.9940, 5.9190, 14.9143

Inverse Universe

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



116.8620, 23.2390, 59.7570



133.5130, 36.2291, 93.3891



147.5220, 1.2217, -65.3558



86.4890, 1.7309, 4.8331



61.0080, 32.0411, 83.3080



10.9940, 5.9190, 14.9143

Previews

White Background



This preview shows how the YUV color 116.8620, 23.2390, 59.7570 looks on a white background.

Color Contrast Check

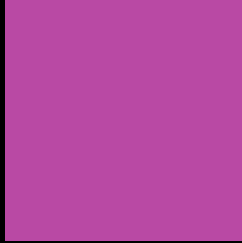
Large Text (above 18pt) WCAG AA ✓ Pass

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 116.8620, 23.2390, 59.7570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

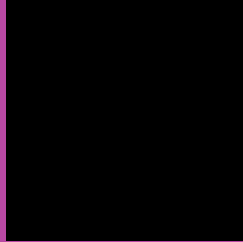
Any Text WCAG AA ✓ Pass

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 116.8620, 23.2390, 59.7570 Background



This preview shows how black text looks on a background with the YUV color 116.8620, 23.2390, 59.7570.



This preview shows how white text looks on a background with the YUV color 116.8620, 23.2390,

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

116.8620, 23.2390, 59.7570

Protanopia

114.7090, 41.5555, -28.6858

Deuteranopia

117.9830, 19.2354, -9.6321



Tritanopia

117.6970, -10.2036, 52.8857

Trichromacy



Original Color

116.8620, 23.2390, 59.7570

Protanomaly

115.4850, 34.7639, 3.0827

Deuteranomaly

117.3050, 21.0486, 15.5185

Tritanomaly

117.2210, 1.8630, 55.9342

Monochromacy



Original Color

116.8620, 23.2390, 59.7570

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

117.0210, 8.3706, 21.9066

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.8620, 23.2390, 59.7570 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(185, 73, 164)` looks like.

```
.text, #text, p{  
    color:rgb(185, 73, 164)  
}
```

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(185, 73, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 73, 164) }
```

Border

The CSS property to change the border of an element to YUV 116.8620, 23.2390, 59.7570 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(185, 73, 164) }
```


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

```
.border{ border-color:rgb(185, 73, 164) }
```

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

Here you see how a box with a 4 pixel rgb(185, 73, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 73, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 73, 164);  
box-shadow:4px 4px 4px 4px rgb(185, 73,  
164) }
```

Background

The CSS property to change the background color of an element to YUV 116.8620, 23.2390, 59.7570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 73, 164) }
```

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

```
.background{ background-color: rgb(185, 73,  
164) }
```

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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