

Converting Colors

YUV(108.5850, 23.3756,
62.6310)

Have a look what the booklet for
YUV(108.5850, 23.3756, 62.6310)
contains.

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Color

**YUV(108.5850, 23.3756,
62.6310)**

Conversions

Conversions Part 1

Format	Color
Hex	B43F9C
RGB	180, 63, 156
RGB Percent	71%, 25%, 61%
CMY	0.2941, 0.7529, 0.3882
CMYK	0.00, 0.65, 0.13, 0.29
HSL	312°, 48%, 48%
HSV	312°, 65%, 71%
XYZ	26.6006, 15.6586, 33.0729
YIQ	108.5850, 39.8790, 53.7270

Conversions

Conversions Part 2

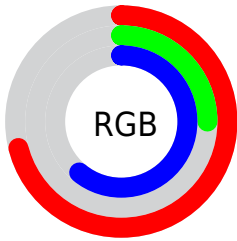
Format	Color
R_{YB}	180, 63, 156
Decimal	11812764
CIE _{Lab}	46.52, 57.56, -26.64
CIE _{LCh}	47, 63.425, 335.161
Yxy	15.6586, 0.3531, 0.2079
Android (android.graphics.Color)	4290002844 (0xFFB43F9C)
YUV	108.5850, 23.3756, 62.6310
Hunter-Lab	39.5710, 50.7432, -21.8541

Details

The YUV color **108.5850, 23.3756, 62.6310** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **134.4150, -23.3756, -62.6310**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.4820, 22.9334, 64.4753**, and **48.9320, 27.1485, 65.8346** is the 20% darker color. If you saturate the color by 10%, you get **97.5630, 26.8374, 72.2972**, and if you desaturate by 10%, it is **119.6070, 19.9137, 52.9647**.

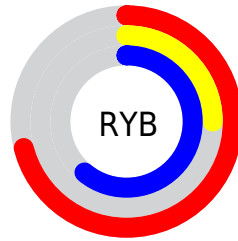
Distribution



Red (71%)

Green (25%)

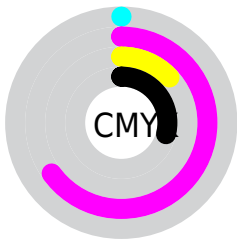
Blue (61%)



Red (71%)

Yellow (25%)

Blue (61%)

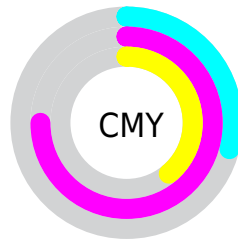


Cyan (0%)

Magenta (65%)

Yellow (13%)

Black (29%)



Cyan (29%)

Magenta (75%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 108.5850, 23.3756, 62.6310 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 108.5850, 23.3756, 62.6310 by changing the saturation by 10% instead.

108.5850, 23.3756,
62.6310

108.5850, 23.3756,
62.6310

255.0000, 0.0000,
0.0000

79.0520, 25.1174,
63.9754

164.4820, 22.9334,
64.4753

48.9320, 27.1485,
65.8346

189.1930, 24.5549,
57.7127

37.8240, 20.7928,
51.0204

207.4530, 23.4407,
41.6987

27.4280, 14.5790,
37.3356

224.4760, 15.0483,
26.7695

17.4450, 8.6546,
24.1657

241.4990, 6.6560,
11.8404

0.9120, 3.4944,
-0.7998

0.0000, 0.0000,

0.0000

■ 108.5850, 23.3756,
62.6310

■ 108.5850, 23.3756,
62.6310

■ 97.5630, 26.8374,
72.2972

■ 119.6070, 19.9137,
52.9647

■ 86.6550, 30.7361,
81.8636

■ 130.5150, 16.0151,
43.3983

■ 75.6330, 34.1979,
91.5299

■ 141.5370, 12.5533,
33.7321

■ 70.1220, 35.9289,
96.3630

■ 152.5590, 9.0914,
24.0658

■ 163.4670, 5.1928,
14.4994

■ 174.4890, 1.7309,
4.8331

■ 185.5110, -1.7309,
-4.8331

■ 196.5330, -5.1928,
-14.4994

■ 207.4410, -9.0914,
-24.0658

Harmonies

Analogous

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



111.8690, 42.4626, 7.1309



108.5850, 23.3756, 62.6310



100.0280, 1.4652, 90.3064

Triad

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



108.5850, 23.3756, 62.6310



102.5320, -50.5483, 19.7044



97.5650, 36.2035, -85.5645

Complementary

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



108.5850, 23.3756, 62.6310



134.4150, -23.3756, -62.6310

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.



92.1100, 12.7638, -80.7805



108.5850, 23.3756, 62.6310



93.4190, -46.0556, -21.4155

Square

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



108.5850, 23.3756, 62.6310



103.0620, -50.8096, 56.9506



84.0790, -10.3919, -73.7373



98.1470, 53.6645, -86.0749

Rectangle

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



108.5850, 23.3756, 62.6310



100.8370, -15.6956, 87.8430



84.0790, -10.3919, -73.7373



96.2140, 28.4885, -84.3797

Sweetspot

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



108.5850, 23.3756, 62.6310



206.2710, 9.2334, 25.1953



83.2150, 47.7150, 2.4424



99.9940, 5.9190, 14.9143



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.



108.5850, 23.3756, 62.6310



123.2470, 36.3602, 98.0074



101.9730, -1.9587, 68.4297



83.4890, 1.7309, 4.8331



59.6550, 30.7361, 81.8636



10.0540, 4.9034, 13.9846

Inverse Universe

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



108.5850, 23.3756, 62.6310



123.2470, 36.3602, 98.0074



141.0270, 1.9587, -68.4297



83.4890, 1.7309, 4.8331



59.6550, 30.7361, 81.8636



10.0540, 4.9034, 13.9846

Previews

White Background



This preview shows how the YUV color 108.5850, 23.3756, 62.6310 looks on a white background.

Color Contrast Check

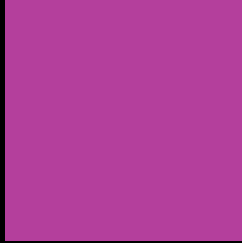
Large Text (above 18pt) WCAG AA ✓ Pass

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 108.5850, 23.3756, 62.6310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

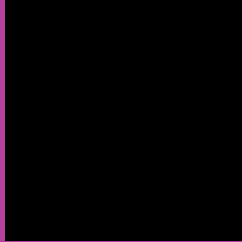
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 108.5850, 23.3756, 62.6310

Background



This preview shows how black text looks on a background with the YUV color 108.5850, 23.3756, 62.6310.



This preview shows how white text looks on a background with the YUV color 108.5850, 23.3756, 62.6310.

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

108.5850, 23.3756, 62.6310

Protanopia

107.0400, 42.8713, -30.7301

Deuteranopia

111.1680, 18.6512, -8.9173



Tritanopia

109.8930, -10.7932, 55.3448

Trichromacy



Original Color

108.5850, 23.3756, 62.6310

Protanomaly

107.7130, 35.6375, 2.8827

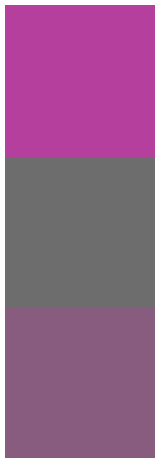
Deuteranomaly

110.2020, 20.6064, 17.3628

Tritanomaly

109.5310, 1.7102, 58.2933

Monochromacy



Original Color

108.5850, 23.3756, 62.6310

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

108.7330, 8.5126, 23.0362

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.5850, 23.3756, 62.6310 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(180, 63, 156)` looks like.

```
.text, #text, p{  
  color:rgb(180, 63, 156)  
}
```

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(180, 63, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 63, 156) }
```

Border

The CSS property to change the border of an element to YUV 108.5850, 23.3756, 62.6310 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(180, 63, 156) }
```


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

```
.border{ border-color:rgb(180, 63, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 63, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 63, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 63, 156);  
box-shadow:4px 4px 4px 4px rgb(180, 63,  
156) }
```

Background

The CSS property to change the background color of an element to YUV 108.5850, 23.3756, 62.6310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 63, 156) }
```

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

```
.background{ background-color: rgb(180, 63,  
156) }
```

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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