

Converting Colors

YUV(90.0730, 23.1350, 46.4170)

Have a look what the booklet for
YUV(90.0730, 23.1350, 46.4170)
contains.

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Color

**YUV(90.0730, 23.1350,
46.4170)**

Conversions

Conversions Part 1

Format	Color
Hex	8F3689
RGB	143, 54, 137
RGB Percent	56%, 21%, 54%
CMY	0.4392, 0.7882, 0.4627
CMYK	0.00, 0.62, 0.04, 0.44
HSL	304°, 45%, 39%
HSV	304°, 62%, 56%
XYZ	17.1622, 10.2841, 24.7474
YIQ	90.0730, 26.4010, 44.6810

Conversions

Conversions Part 2

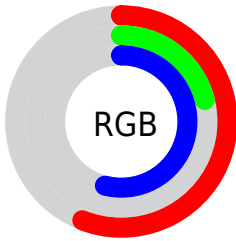
Format	Color
R_{YB}	143, 54, 137
Decimal	9385609
CIE _{Lab}	38.35, 48.35, -28.35
CIE _{LCh}	38, 56.049, 329.613
Yxy	10.2841, 0.3288, 0.1970
Android (android.graphics.Color)	4287575689 (0xFF8F3689)
YUV	90.0730, 23.1350, 46.4170
Hunter-Lab	32.0689, 39.4069, -23.3056

Details

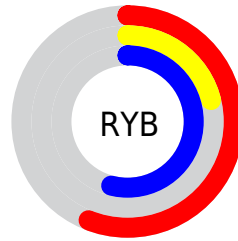
The YUV color **90.0730, 23.1350, 46.4170** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **106.9270, -23.1350, -46.4170**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.0840, 23.1296, 48.1613**, and **36.8280, 24.7348, 46.6318** is the 20% darker color. If you saturate the color by 10%, you get **81.7410, 26.7497, 53.7241**, and if you desaturate by 10%, it is **98.4050, 19.5203, 39.1098**.

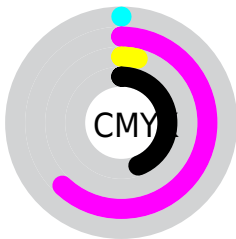
Distribution



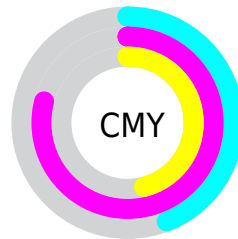
- Red (56%)
- Green (21%)
- Blue (54%)



- Red (56%)
- Yellow (21%)
- Blue (54%)



- Cyan (0%)
- Magenta (62%)
- Yellow (4%)
- Black (44%)





- Cyan (44%)
- Magenta (79%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.0730, 23.1350, 46.4170 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 90.0730, 23.1350, 46.4170 by changing the saturation by 10% instead.


 90.0730, 23.1350,
46.4170


 90.0730, 23.1350,
46.4170


255.0000, 0.0000,
0.0000


 62.6000, 23.8612,
46.8318


 144.0840, 23.1296,
48.1613


 36.8280, 24.7348,
46.6318


 171.2090, 23.5610,
49.8057


 26.3180, 18.0842,
33.0471

 198.9100, 23.7084,
49.1909

 17.2320, 11.7176,
21.7215

 215.6710, 19.3892,
34.4915

 2.6390, 7.5730,
-2.3144

 232.6940, 10.9969,
19.5624

 0.0000, 0.0000,
0.0000

 249.7170, 2.6045,

4.6332

■ 90.0730, 23.1350,
46.4170

■ 90.0730, 23.1350,
46.4170

■ 81.7410, 26.7497,
53.7241

■ 98.4050, 19.5203,
39.1098

■ 72.8220, 30.6538,
61.5461

■ 107.3240, 15.6163,
31.2879

■ 64.4900, 34.2684,
68.8533

■ 115.6560, 12.0016,
23.9807

■ 57.9190, 37.0149,
74.6160

■ 123.9880, 8.3869,
16.6735

■ 132.9070, 4.4828,
8.8516

■ 141.2390, 0.8682,
1.5444

■ 149.5710, -2.7465,
-5.7628

■ 157.9030, -6.3612,
-13.0699

■ 166.8220,
-10.2652, -20.8919

Harmonies

Analogous

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



90.2820, 39.3010, -5.5093



90.0730, 23.1350, 46.4170



81.6670, 5.5872, 74.8370

Triad

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



90.0730, 23.1350, 46.4170



84.5460, -41.6812, 22.3232



79.8460, 26.6979, -70.0249

Complementary

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



90.0730, 23.1350, 46.4170



106.9270, -23.1350, -46.4170

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.



74.6020, 6.6052, -65.4260



90.0730, 23.1350, 46.4170



78.1350, -38.5206, -11.5194

Square

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



90.0730, 23.1350, 46.4170



83.8580, -41.3420, 53.6215



67.4830, -13.0561, -59.1826



81.4880, 43.1434, -71.4650

Rectangle

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



90.0730, 23.1350, 46.4170



81.1930, -8.9691, 77.0067



67.4830, -13.0561, -59.1826



78.2500, 20.5828, -68.6252

Sweetspot

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



90.0730, 23.1350, 46.4170



165.2270, 9.2551, 18.2179



65.9400, 37.9906, -5.2094



81.5590, 5.6404, 10.9108



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



90.0730, 23.1350, 46.4170



103.3810, 36.2942, 72.4569



85.0570, 3.9159, 50.8160



66.8910, 2.0257, 3.6036



54.7290, 35.1366, 70.3977



3.1900, 1.8783, 4.2184

Inverse Universe

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



90.0730, 23.1350, 46.4170



103.3810, 36.2942, 72.4569



111.9430, -3.9159, -50.8160



66.8910, 2.0257, 3.6036



54.7290, 35.1366, 70.3977



3.1900, 1.8783, 4.2184

Previews

White Background



This preview shows how the YUV color 90.0730, 23.1350, 46.4170 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 90.0730, 23.1350, 46.4170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

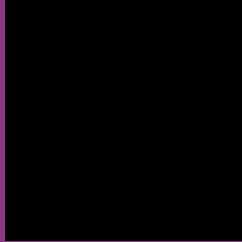
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 90.0730, 23.1350, 46.4170

Background



This preview shows how black text looks on a background with the YUV color 90.0730, 23.1350, 46.4170.



This preview shows how white text looks on a background with the YUV color 90.0730, 23.1350,

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

90.0730, 23.1350, 46.4170

Protanopia

86.0570, 40.3979, -30.7450

Deuteranopia

90.1890, 20.1198, -13.3208



Tritanopia

91.0050, -7.3975, 39.4606

Trichromacy



Original Color

90.0730, 23.1350, 46.4170

Protanomaly

87.6260, 34.2014, -3.1800

Deuteranomaly

90.2610, 21.0703, 8.5411

Tritanomaly

90.8880, 3.5062, 42.1942

Monochromacy



Original Color

90.0730, 23.1350, 46.4170

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

89.9880, 8.3869, 16.6735

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.0730, 23.1350, 46.4170 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(143, 54, 137)` looks like.

```
.text, #text, p{  
    color:rgb(143, 54, 137)  
}
```

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(143, 54, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 54, 137) }
```

Border

The CSS property to change the border of an element to YUV 90.0730, 23.1350, 46.4170 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(143, 54, 137) }
```


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

```
.border{ border-color:rgb(143, 54, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 54, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 54, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 54, 137);  
box-shadow:4px 4px 4px 4px rgb(143, 54,  
137) }
```

Background

The CSS property to change the background color of an element to YUV 90.0730, 23.1350, 46.4170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 54, 137) }
```

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

```
.background{ background-color: rgb(143, 54,  
137) }
```

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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