

Converting Colors

YUV(91.8750, 23.2326, 15.0186)

Have a look what the booklet for
YUV(91.8750, 23.2326, 15.0186)
contains.

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Color

**YUV(91.8750, 23.2326,
15.0186)**

Conversions

Conversions Part 1

Format	Color
Hex	6D4A8B
RGB	109, 74, 139
RGB Percent	43%, 29%, 55%
CMY	0.5725, 0.7098, 0.4549
CMYK	0.22, 0.47, 0.00, 0.45
HSL	272°, 31%, 42%
HSV	272°, 47%, 55%
XYZ	13.4157, 10.0128, 25.6517
YIQ	91.8750, -0.0050, 27.6350

Conversions

Conversions Part 2

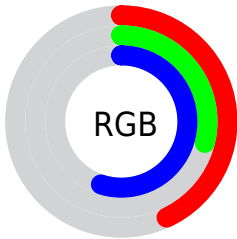
Format	Color
R _{YB}	109, 74, 139
Decimal	7162507
CIE Lab	37.87, 28.15, -30.65
CIE LCh	38, 41.619, 312.567
Yxy	10.0128, 0.2733, 0.2040
Android (android.graphics.Color)	4285352587 (0xFF6D4A8B)
YUV	91.8750, 23.2326, 15.0186
Hunter-Lab	31.6431, 20.3029, -25.9137

Details

The YUV color **91.8750, 23.2326, 15.0186** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **121.1250, -23.2326, -15.0186**, and the grayscale version is **92.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.2280, 24.5376, 16.4630**, and **44.1090, 21.6383, 13.0594** is the 20% darker color. If you saturate the color by 10%, you get **81.8630, 28.1685, 18.5371**, and if you desaturate by 10%, it is **101.8870, 18.2967, 11.5001**.

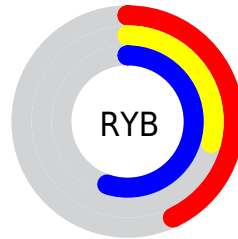
Distribution



Red (43%)

Green (29%)

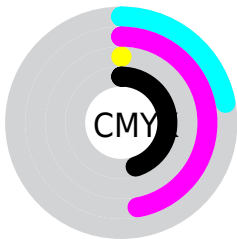
Blue (55%)



Red (43%)

Yellow (29%)

Blue (55%)

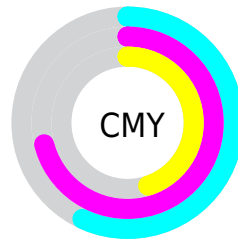


Cyan (22%)

Magenta (47%)

Yellow (0%)

Black (45%)



Cyan (57%)

Magenta (71%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 91.8750, 23.2326, 15.0186 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 91.8750, 23.2326, 15.0186 by changing the saturation by 10% instead.

91.8750, 23.2326,
15.0186

91.8750, 23.2326,
15.0186

255.0000, 0.0000,
0.0000

67.9350, 22.2170,
14.0890

143.2280, 24.5376,
16.4630

44.1090, 21.6383,
13.0594

169.7550, 25.2638,
16.8779

21.3970, 21.4963,
11.9298

197.5810, 25.8426,
17.9075

8.6750, 16.4292,
3.7930

222.3720, 16.0856,
20.7218

2.8670, 8.4466,
-2.5144

241.4990, 6.6560,
11.8404

0.0000, 0.0000,
0.0000

91.8750, 23.2326,
15.0186

91.8750, 23.2326,
15.0186

81.8630, 28.1685,
18.5371

101.8870, 18.2967,
11.5001

71.5520, 33.2519,
21.4409

112.1980, 13.2134,
8.5964

61.5400, 38.1878,
24.9594

122.2100, 8.2775,
5.0778

51.2290, 43.2711,
27.8632

132.5210, 3.1941,
2.1741

41.8040, 47.9176,
30.8669

142.5330, -1.7418,
-1.3444


38.2710, 49.6594,
32.2113

151.9580, -6.3883,
-4.3482

162.2690,
-11.4716, -7.2519

172.2810,

-16.4075, -10.7704

 182.5920,
-21.4909, -13.6742

Harmonies

Analogous

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



83.9770, 35.0143, -30.6748



91.8750, 23.2326, 15.0186



90.2070, 9.7579, 43.6685

Triad

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



91.8750, 23.2326, 15.0186



86.1310, -32.1096, 32.3341



73.3770, 14.6041, -64.3516

Complementary

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



91.8750, 23.2326, 15.0186



121.1250, -23.2326, -15.0186

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.



68.8000, -0.3944, -60.3376



91.8750, 23.2326, 15.0186



83.5210, -33.7809, 8.3131

Square

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



91.8750, 23.2326, 15.0186



87.2160, -20.8125, 48.9226



79.5480, -21.4692, -20.6516



76.3240, 28.4343, -66.9361

Rectangle

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



91.8750, 23.2326, 15.0186



88.0420, -0.0207, 53.4602



79.5480, -21.4692, -20.6516



72.0090, 9.3626, -63.1519

Sweetspot

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



91.8750, 23.2326, 15.0186



162.7370, 9.0037, 5.4927



99.0200, 19.7101, -21.9425



80.5150, 5.6621, 3.9333



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



91.8750, 23.2326, 15.0186



107.6600, 36.1566, 23.1002



100.6170, 17.9368, 33.6619



63.9940, 2.4680, 1.7593



36.3910, 47.6282, 30.3521



1.4670, 1.7418, 1.3444

Inverse Universe

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



96.8550, 3.5225, 36.9612



115.4430, 5.2046, 57.4935



112.3830, -17.9368, -33.6619



64.4350, 0.2785, 4.0035



46.7210, 7.0395, 75.6667



1.7230, 0.1366, 2.8739

Previews

White Background



This preview shows how the YUV color 91.8750, 23.2326, 15.0186 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 91.8750, 23.2326, 15.0186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

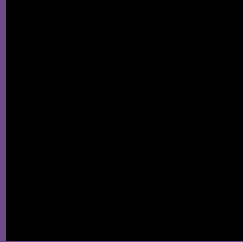
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 91.8750, 23.2326, 15.0186

Background



This preview shows how black text looks on a background with the YUV color 91.8750, 23.2326, 15.0186.

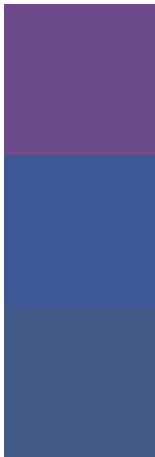


This preview shows how white text looks on a background with the YUV color 91.8750, 23.2326,

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

91.8750, 23.2326, 15.0186

Protanopia

86.8210, 31.6402, -21.7680

Deuteranopia

87.7800, 23.7725, -18.2241



Tritanopia

90.5820, 0.6991, 9.1366

Trichromacy



Original Color

91.8750, 23.2326, 15.0186

Protanomaly

88.5130, 28.8341, -8.3429

Deuteranomaly

89.4440, 23.4451, -6.5284

Tritanomaly

91.0690, 8.8400, 11.3405

Monochromacy



Original Color

91.8750, 23.2326, 15.0186

Achromatopsia

92.0000, 0.0000, 0.0000

Achromatomaly

91.6230, 8.5669, 5.5926

CSS Examples

Text

The CSS property to change the color of the text to YUV 91.8750, 23.2326, 15.0186 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(109, 74, 139)` looks like.

```
.text, #text, p{  
    color:rgb(109, 74, 139)  
}
```

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(109, 74, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 74, 139) }
```

Border

The CSS property to change the border of an element to YUV 91.8750, 23.2326, 15.0186 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(109, 74, 139) }
```


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

```
.border{ border-color:rgb(109, 74, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 74, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 74, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 74, 139);  
box-shadow:4px 4px 4px 4px rgb(109, 74,  
139) }
```

Background

The CSS property to change the background color of an element to YUV 91.8750, 23.2326, 15.0186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 74, 139) }
```

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

```
.background{ background-color: rgb(109, 74,  
139) }
```

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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