

Converting Colors

YUV(96.8290, 12.9023, 15.0590)

Have a look what the booklet for
YUV(96.8290, 12.9023, 15.0590)
contains.

YUV(96.8290, 12.9023, 15.0590)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(96.8290, 12.9023,
15.0590)**

Conversions

Conversions Part 1

Format	Color
Hex	72537B
RGB	114, 83, 123
RGB Percent	45%, 33%, 48%
CMY	0.5529, 0.6745, 0.5176
CMYK	0.07, 0.33, 0.00, 0.52
HSL	286°, 19%, 40%
HSV	286°, 33%, 48%
XYZ	13.6078, 11.1940, 20.1823
YIQ	96.8290, 5.6360, 19.0120

Conversions

Conversions Part 2

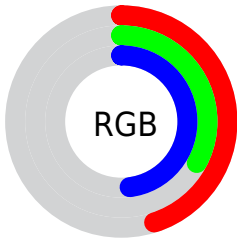
Format	Color
R_{YB}	114, 83, 123
Decimal	7492475
CIE _{Lab}	39.91, 20.60, -17.65
CIE _{LCh}	40, 27.123, 319.415
Yxy	11.1940, 0.3025, 0.2488
Android (android.graphics.Color)	4285682555 (0xFF72537B)
YUV	96.8290, 12.9023, 15.0590
Hunter-Lab	33.4574, 14.0493, -12.3450

Details

The YUV color **96.8290, 12.9023, 15.0590** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **109.1710, -12.9023, -15.0590**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.7690, 13.9179, 15.9886**, and **49.5900, 12.0341, 13.5146** is the 20% darker color. If you saturate the color by 10%, you get **88.8880, 16.8172, 19.3922**, and if you desaturate by 10%, it is **104.7700, 8.9874, 10.7257**.

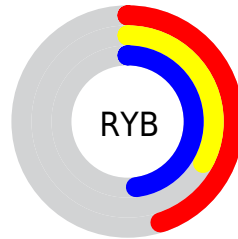
Distribution



Red (45%)

Green (33%)

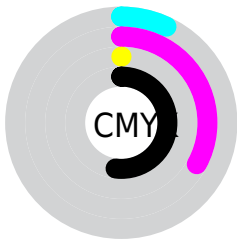
Blue (48%)



Red (45%)

Yellow (33%)

Blue (48%)

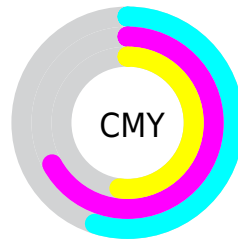


Cyan (7%)

Magenta (33%)

Yellow (0%)

Black (52%)



Cyan (55%)

Magenta (67%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.8290, 12.9023, 15.0590 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 96.8290, 12.9023, 15.0590 by changing the saturation by 10% instead.

96.8290, 12.9023,
15.0590

96.8290, 12.9023,
15.0590

255.0000, 0.0000,
0.0000

73.0030, 12.3235,
14.0294

147.7690, 13.9179,
15.9886

49.5900, 12.0341,
13.5146

174.4810, 14.0599,
17.1182

27.7640, 11.4553,
12.4850

201.8940, 14.3493,
17.6330

11.0090, 9.8556,
12.2701

229.7370, 12.4547,
18.6477

0.1140, 0.4368,
-0.1000

247.9560, 3.4727,
6.1776

0.0000, 0.0000,
0.0000

96.8290, 12.9023,
15.0590

96.8290, 12.9023,
15.0590

88.8880, 16.8172,
19.3922

104.7700, 8.9874,
10.7257

80.3600, 21.0215,
24.2403

113.2980, 4.7831,
5.8777

72.7180, 24.7890,
29.1883

120.9400, 1.0156,
0.9296

64.7770, 28.7039,
33.5216

128.8810, -2.8993,
-3.4036

56.8360, 32.6189,
37.8548

137.4090, -7.1036,
-8.2517

48.3080, 36.8232,
42.7029


145.3500,
-11.0185, -12.5849

42.4270, 39.7225,
46.1065

152.9920,
-14.7861, -17.5330

160.9330,

-18.7010, -21.8662

 169.4610,
-22.9053, -26.7143

Harmonies

Analogous

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



94.3360, 20.5404, -8.1877



96.8290, 12.9023, 15.0590



96.4090, 3.2494, 31.2133

Triad

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



96.8290, 12.9023, 15.0590



92.9150, -21.1571, 19.3685



74.5340, 16.4987, -65.3663

Complementary

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



96.8290, 12.9023, 15.0590



109.1710, -12.9023, -15.0590

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.



82.3880, 1.2877, -39.8053



96.8290, 12.9023, 15.0590



90.8590, -19.6505, 2.7547

Square

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



96.8290, 12.9023, 15.0590



93.9580, -16.2483, 31.6088



87.5020, -11.5865, -17.1033



74.9390, 25.6661, -65.7215

Rectangle

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



96.8290, 12.9023, 15.0590



95.3080, -3.6028, 35.6869



87.5020, -11.5865, -17.1033



74.2200, 12.7095, -63.3369

Sweetspot

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



96.8290, 12.9023, 15.0590



150.4120, 5.2199, 5.7777



92.8430, 14.8674, -8.6323



75.2330, 3.3361, 3.3037



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



96.8290, 12.9023, 15.0590



119.8330, 20.2953, 23.8255



98.2660, 6.7709, 21.6917



57.1790, 1.8838, 2.4740



43.2530, 40.3013, 47.1361



87.3320, 81.1813, 95.3018

Inverse Universe

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



95.9860, -1.9651, 23.6913



118.4330, -3.1715, 37.3313



107.7340, -6.7709, -21.6917



56.9080, -0.4476, 3.5887



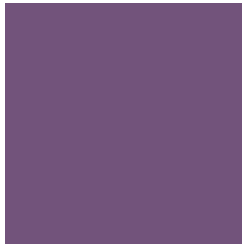
40.5670, -6.1955, 74.0477



81.8460, -12.2491, 149.2251

Previews

White Background



This preview shows how the YUV color 96.8290, 12.9023, 15.0590 looks on a white background.

Color Contrast Check

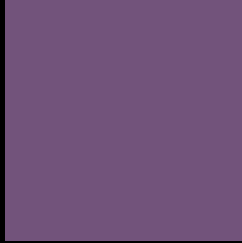
Large Text (above 18pt) WCAG AA ✓ Pass

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 96.8290, 12.9023, 15.0590 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 96.8290, 12.9023, 15.0590

Background



This preview shows how black text looks on a background with the YUV color 96.8290, 12.9023, 15.0590.

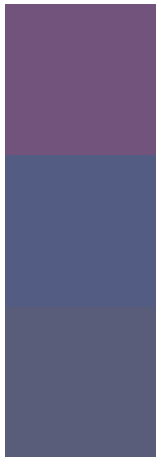


This preview shows how white text looks on a background with the YUV color 96.8290, 12.9023,

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

96.8290, 12.9023, 15.0590

Protanopia

94.3420, 18.0724, -9.9469

Deuteranopia

94.9960, 12.8200, -5.2585



Tritanopia

95.3760, -0.1854, 12.8252

Trichromacy



Original Color

96.8290, 12.9023, 15.0590

Protanomaly

94.9410, 16.2981, -0.8253

Deuteranomaly

95.4530, 13.0877, 2.2337

Tritanomaly

95.6410, 4.6140, 13.4698

Monochromacy



Original Color

96.8290, 12.9023, 15.0590

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

96.8850, 4.4937, 5.3629

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.8290, 12.9023, 15.0590 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(114, 83, 123)` looks like.

```
.text, #text, p{  
    color:rgb(114, 83, 123)  
}
```

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(114, 83, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 83, 123) }
```

Border

The CSS property to change the border of an element to YUV 96.8290, 12.9023, 15.0590 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(114, 83, 123) }
```


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

```
.border{ border-color:rgb(114, 83, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 83, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(114, 83, 123); -webkit-box-shadow:4px 4px 4px 4px rgb(114, 83, 123); box-shadow:4px 4px 4px 4px rgb(114, 83, 123) }
```

Background

The CSS property to change the background color of an element to YUV 96.8290, 12.9023, 15.0590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 83, 123) }
```

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

```
.background{ background-color: rgb(114, 83,  
123) }
```

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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