

Converting Colors

YUV(116.2200, 23.5555,
51.5501)

Have a look what the booklet for
YUV(116.2200, 23.5555, 51.5501)
contains.

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Color

**YUV(116.2200, 23.5555,
51.5501)**

Conversions

Conversions Part 1

Format	Color
Hex	AF4DA4
RGB	175, 77, 164
RGB Percent	69%, 30%, 64%
CMY	0.3137, 0.6980, 0.3569
CMYK	0.00, 0.56, 0.06, 0.31
HSL	307°, 39%, 49%
HSV	307°, 56%, 69%
XYZ	27.0339, 17.1021, 36.9981
YIQ	116.2200, 30.4810, 47.8330

Conversions

Conversions Part 2

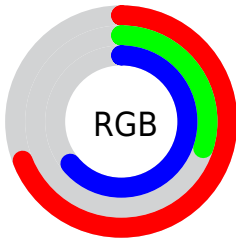
Format	Color
R _Y B	175, 77, 164
Decimal	11488676
CIE Lab	48.39, 51.29, -28.55
CIE LCh	48, 58.696, 330.897
Yxy	17.1021, 0.3332, 0.2108
Android (android.graphics.Color)	4289678756 (0xFFAF4DA4)
YUV	116.2200, 23.5555, 51.5501
Hunter-Lab	41.3546, 44.3166, -24.0959

Details

The YUV color **116.2200, 23.5555, 51.5501** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **135.7800, -23.5555, -51.5501**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.5300, 23.4027, 53.9092**, and **59.8010, 25.7341, 52.7945** is the 20% darker color. If you saturate the color by 10%, you get **105.4260, 27.8910, 61.0164**, and if you desaturate by 10%, it is **126.4270, 19.5095, 42.5985**.

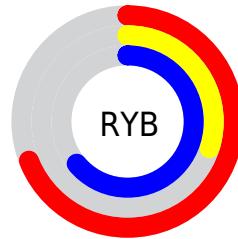
Distribution



Red (69%)

Green (30%)

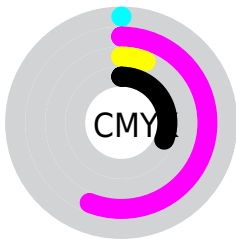
Blue (64%)



Red (69%)

Yellow (30%)

Blue (64%)

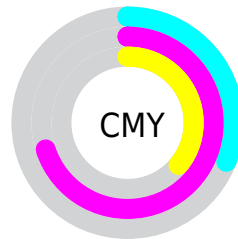


Cyan (0%)

Magenta (56%)

Yellow (6%)

Black (31%)



Cyan (31%)

Magenta (70%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.2200, 23.5555, 51.5501 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 116.2200, 23.5555, 51.5501 by changing the saturation by 10% instead.

■ 116.2200, 23.5555,
51.5501

■ 116.2200, 23.5555,
51.5501

■ 255.0000, 0.0000,
0.0000

■ 89.0350, 24.1397,
50.8353

■ 171.5300, 23.4027,
53.9092

■ 59.8010, 25.7341,
52.7945

■ 197.2630, 25.0133,
50.6353

■ 37.7250, 24.2926,
48.4762

■ 214.4970, 19.9680,
35.5211

■ 27.2150, 17.6420,
34.8914

■ 230.9330, 11.8650,
21.1068

■ 17.8300, 11.4228,
22.9511

■ 247.9560, 3.4727,
6.1776

■ 2.1660, 8.2992,
-1.8996

■ 0.0000, 0.0000,

0.0000

■ 116.2200, 23.5555,
51.5501

■ 116.2200, 23.5555,
51.5501

■ 105.4260, 27.8910,
61.0164

■ 126.4270, 19.5095,
42.5985

■ 95.2190, 31.9370,
69.9679

■ 137.2210, 15.1740,
33.1322

■ 85.0120, 35.9831,
78.9195

■ 148.0150, 10.8386,
23.6658

■ 74.2180, 40.3185,
88.3858

■ 158.2220, 6.7926,
14.7143

■ 69.9950, 41.9075,
92.0894

■ 168.4290, 2.7465,
5.7628

■ 179.2230, -1.5889,
-3.7036

■ 189.4300, -5.6350,
-12.6551

■ 200.2240, -9.9704,
-22.1214

■ 211.0180,
-14.3059, -31.5878

Harmonies

Analogous

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



116.2870, 41.7635, -2.0057



116.2200, 23.5555, 51.5501



109.7170, 3.0975, 80.0552

Triad

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



116.2200, 23.5555, 51.5501



107.2940, -52.8959, 26.0522



99.2290, 32.4251, -87.0238

Complementary

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



116.2200, 23.5555, 51.5501



135.7800, -23.5555, -51.5501

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.



93.5290, 10.5852, -82.0249



116.2200, 23.5555, 51.5501



101.9300, -44.3355, -13.0936

Square

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



116.2200, 23.5555, 51.5501



110.0110, -43.3894, 56.9954



85.9540, -10.8233, -75.3817



100.3980, 49.5968, -88.0490

Rectangle

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



116.2200, 23.5555, 51.5501



108.6020, -12.6218, 81.9100



85.9540, -10.8233, -75.3817



97.9920, 25.1469, -85.9390

Sweetspot

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



116.2200, 23.5555, 51.5501



203.6510, 9.5391, 20.4771



91.1620, 41.3321, -3.6501



101.1570, 5.3456, 12.1403



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



116.2200, 23.5555, 51.5501



135.8380, 36.5619, 79.9491



110.7480, 2.5892, 56.3490



81.6030, 2.1677, 4.7332



60.1260, 36.4199, 78.8195



9.1570, 5.3456, 12.1403

Inverse Universe

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



116.2200, 23.5555, 51.5501



135.8380, 36.5619, 79.9491



141.2520, -2.5892, -56.3490



81.6030, 2.1677, 4.7332



60.1260, 36.4199, 78.8195



9.1570, 5.3456, 12.1403

Previews

White Background



This preview shows how the YUV color 116.2200, 23.5555, 51.5501 looks on a white background.

Color Contrast Check

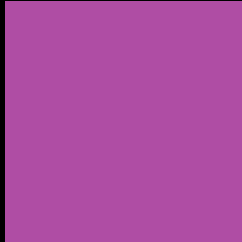
Large Text (above 18pt) WCAG AA ✓ Pass

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 116.2200, 23.5555, 51.5501 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

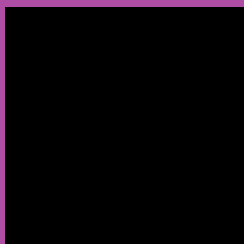
Any Text WCAG AA × Fail

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 116.2200, 23.5555, 51.5501 Background



This preview shows how black text looks on a background with the YUV color 116.2200, 23.5555, 51.5501.



This preview shows how white text looks on a background with the YUV color 116.2200, 23.5555,

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

116.2200, 23.5555, 51.5501

Protanopia

112.6660, 40.0977, -27.7711

Deuteranopia

115.4280, 20.9880, -11.7764



Tritanopia

116.2230, -7.9979, 45.4084

Trichromacy



Original Color

116.2200, 23.5555, 51.5501

Protanomaly

113.9470, 34.0431, 0.9235

Deuteranomaly

116.0980, 21.6437, 11.3151

Tritanomaly

116.2200, 3.3425, 48.0421

Monochromacy



Original Color

116.2200, 23.5555, 51.5501

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

115.9990, 8.3815, 18.4179

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.2200, 23.5555, 51.5501 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(175, 77, 164)` looks like.

```
.text, #text, p{  
    color:rgb(175, 77, 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(175, 77, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 77, 164) }
```

Border

The CSS property to change the border of an element to YUV 116.2200, 23.5555, 51.5501 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(175, 77, 164) }
```


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

```
.border{ border-color:rgb(175, 77, 164) }
```

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

Here you see how a box with a 4 pixel rgb(175, 77, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 77, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 77, 164);  
box-shadow:4px 4px 4px 4px rgb(175, 77,  
164) }
```

Background

The CSS property to change the background color of an element to YUV 116.2200, 23.5555, 51.5501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 77, 164) }
```

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

```
.background{ background-color: rgb(175, 77,  
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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