

Converting Colors

YUV(100.6770, 20.3722,
45.8873)

Have a look what the booklet for
YUV(100.6770, 20.3722, 45.8873)
contains.

YUV(100.6770, 20.3722, 45.8873)	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(100.6770, 20.3722,
45.8873)**

Conversions

Conversions Part 1

Format	Color
Hex	99428E
RGB	153, 66, 142
RGB Percent	60%, 26%, 56%
CMY	0.4000, 0.7412, 0.4431
CMYK	0.00, 0.57, 0.07, 0.40
HSL	308°, 40%, 43%
HSV	308°, 57%, 60%
XYZ	19.9676, 12.6217, 26.9750
YIQ	100.6770, 27.4560, 42.0800

Conversions

Conversions Part 2

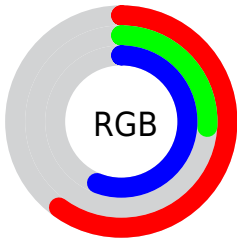
Format	Color
R_{YB}	153, 66, 142
Decimal	10044046
CIE _{Lab}	42.19, 46.43, -25.29
CIE _{LCh}	42, 52.866, 331.423
Yxy	12.6217, 0.3352, 0.2119
Android (android.graphics.Color)	4288234126 (0xFF99428E)
YUV	100.6770, 20.3722, 45.8873
Hunter-Lab	35.5271, 38.1514, -20.1488

Details

The YUV color **100.6770, 20.3722, 45.8873** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **118.3230, -20.3722, -45.8873**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.1010, 20.6562, 48.1464**, and **43.4970, 23.4190, 48.6761** is the 20% darker color. If you saturate the color by 10%, you get **91.6440, 23.8395, 53.8092**, and if you desaturate by 10%, it is **109.7100, 16.9050, 37.9653**.

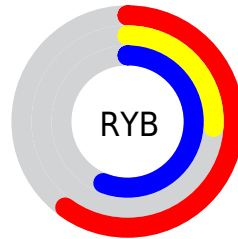
Distribution



Red (60%)

Green (26%)

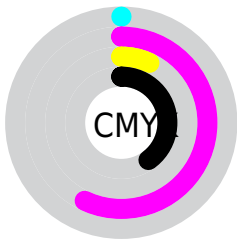
Blue (56%)



Red (60%)

Yellow (26%)

Blue (56%)

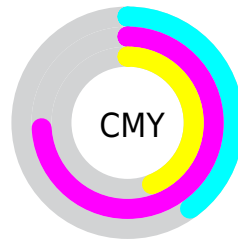


Cyan (0%)

Magenta (57%)

Yellow (7%)

Black (40%)



Cyan (40%)


Magenta (74%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the YUV color 100.6770, 20.3722, 45.8873 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 100.6770, 20.3722, 45.8873 by changing the saturation by 10% instead.


 100.6770, 20.3722,
45.8873


 100.6770, 20.3722,
45.8873


255.0000, 0.0000,
0.0000


 73.7910, 20.8090,
45.7873


 154.1010, 20.6562,
48.1464


 43.4970, 23.4190,
48.6761


 181.8130, 20.7982,
49.2760

 29.5790, 18.9416,
38.0802

 206.6380, 22.8565,
42.4135

 20.0800, 12.2856,
26.2398

 223.3020, 15.6271,
27.7991

 8.1180, 7.8298,
8.6665

 239.7380, 7.5242,
13.3848

 0.0000, 0.0000,
0.0000

100.6770, 20.3722,
45.8873

100.6770, 20.3722,
45.8873

91.6440, 23.8395,
53.8092

109.7100, 16.9050,
37.9653

82.0240, 27.5962,
62.2460

119.3300, 13.1483,
29.5286

72.9910, 31.0634,
70.1679

128.3630, 9.6810,
21.6066

63.9580, 34.5307,
78.0898

137.3960, 6.2138,
13.6847

61.0230, 35.9777,
80.6638


147.0160, 2.4571,
5.2480

156.0490, -1.0102,
-2.6740

165.0820, -4.4774,
-10.5959

174.0010, -8.3815,

-18.4179

 183.6210,
-12.1382, -26.8546

Harmonies

Analogous

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



100.8050, 36.0851, -0.7060



100.6770, 20.3722, 45.8873



94.7220, 2.1091, 70.4038

Triad

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



100.6770, 20.3722, 45.8873



92.8080, -45.7543, 22.0934



86.2690, 28.4614, -75.6579

Complementary

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



100.6770, 20.3722, 45.8873



118.3230, -20.3722, -45.8873

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.



81.2530, 9.2423, -71.2589



100.6770, 20.3722, 45.8873



87.8360, -38.3731, -12.1342

Square

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



100.6770, 20.3722, 45.8873



94.9330, -38.4210, 50.0478



74.3620, -9.5455, -65.2155



87.5690, 43.5965, -76.7980

Rectangle

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



100.6770, 20.3722, 45.8873



94.1770, -11.4263, 71.7588



74.3620, -9.5455, -65.2155



84.6730, 22.3462, -74.2582

Sweetspot

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



100.6770, 20.3722, 45.8873



178.5860, 8.0921, 17.9031



78.9080, 36.5274, -2.5503



87.6190, 4.6248, 9.9811



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



100.6770, 20.3722, 45.8873



117.8170, 31.6422, 71.1975



95.7750, 1.5899, 50.1863



72.1900, 1.8783, 4.2184



55.8820, 33.0892, 73.7715



5.1410, 2.8885, 6.8923

Inverse Universe

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



100.6770, 20.3722, 45.8873



117.8170, 31.6422, 71.1975



123.2250, -1.5899, -50.1863



72.1900, 1.8783, 4.2184



55.8820, 33.0892, 73.7715



5.1410, 2.8885, 6.8923

Previews

White Background



This preview shows how the YUV color 100.6770, 20.3722, 45.8873 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 100.6770, 20.3722, 45.8873 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

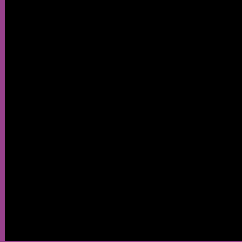
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 100.6770, 20.3722, 45.8873

Background



This preview shows how black text looks on a background with the YUV color 100.6770, 20.3722, 45.8873.



This preview shows how white text looks on a background with the YUV color 100.6770, 20.3722, 45.8873.

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

100.6770, 20.3722, 45.8873

Protanopia

97.7220, 35.1401, -24.3122

Deuteranopia

100.3420, 18.0724, -9.9469



Tritanopia

100.7170, -7.2555, 40.5902

Trichromacy



Original Color

100.6770, 20.3722, 45.8873

Protanomaly

98.5080, 29.8226, 1.3085

Deuteranomaly

100.4030, 19.0283, 10.1706

Tritanomaly

100.6600, 2.6326, 42.3942

Monochromacy



Original Color

100.6770, 20.3722, 45.8873

Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

100.7600, 7.5133, 16.8735

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.6770, 20.3722, 45.8873 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(153, 66, 142)` looks like.

```
.text, #text, p{  
    color:rgb(153, 66, 142)  
}
```

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(153, 66, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 66, 142) }
```

Border

The CSS property to change the border of an element to YUV 100.6770, 20.3722, 45.8873 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(153, 66, 142) }
```


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

```
.border{ border-color:rgb(153, 66, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 66, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(153, 66, 142); -webkit-box-shadow:4px 4px 4px 4px rgb(153, 66, 142); box-shadow:4px 4px 4px 4px rgb(153, 66, 142) }
```

Background

The CSS property to change the background color of an element to YUV 100.6770, 20.3722, 45.8873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 66, 142) }
```

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

```
.background{ background-color: rgb(153, 66,  
142) }
```

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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