

Converting Colors

YUV(110.0470, 22.6548,
60.4718)

Have a look what the booklet for
YUV(110.0470, 22.6548, 60.4718)
contains.

YUV(110.0470, 22.6548, 60.4718)	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(110.0470, 22.6548,
60.4718)**

Conversions

Conversions Part 1

Format	Color
Hex	B3429C
RGB	179, 66, 156
RGB Percent	70%, 26%, 61%
CMY	0.2980, 0.7412, 0.3882
CMYK	0.00, 0.63, 0.13, 0.30
HSL	312°, 46%, 48%
HSV	312°, 63%, 70%
XYZ	26.5394, 15.8804, 33.1189
YIQ	110.0470, 38.4580, 51.9460

Conversions

Conversions Part 2

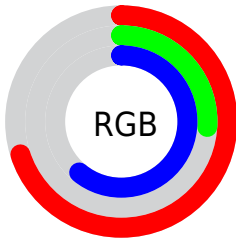
Format	Color
R_{YB}	179, 66, 156
Decimal	11747996
CIE _{Lab}	46.82, 56.04, -26.20
CIE _{LCh}	47, 61.862, 334.944
Yxy	15.8804, 0.3513, 0.2102
Android (android.graphics.Color)	4289938076 (0xFFB3429C)
YUV	110.0470, 22.6548, 60.4718
Hunter-Lab	39.8503, 49.1390, -21.3798

Details

The YUV color **110.0470, 22.6548, 60.4718** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **134.9530, -22.6548, -60.4718**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.9440, 22.2126, 62.3161**, and **48.6330, 27.2959, 65.2199** is the 20% darker color. If you saturate the color by 10%, you get **99.0250, 26.1167, 70.1381**, and if you desaturate by 10%, it is **121.0690, 19.1930, 50.8055**.

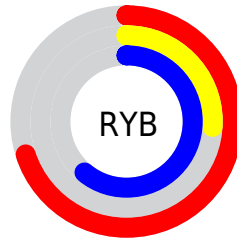
Distribution



Red (70%)

Green (26%)

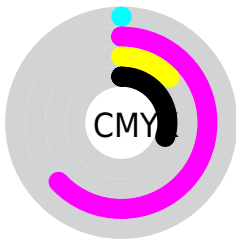
Blue (61%)



Red (70%)

Yellow (26%)

Blue (61%)

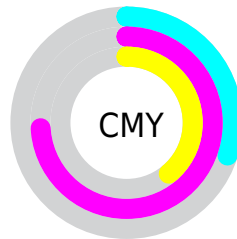


Cyan (0%)

Magenta (63%)

Yellow (13%)

Black (30%)



Cyan (30%)

Magenta (74%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the YUV color 110.0470, 22.6548, 60.4718 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 110.0470, 22.6548, 60.4718 by changing the saturation by 10% instead.


 110.0470, 22.6548,
60.4718


 110.0470, 22.6548,
60.4718


255.0000, 0.0000,
0.0000


 81.1010, 24.1072,
61.3014


 165.9440, 22.2126,
62.3161


 48.6330, 27.2959,
65.2199

 190.9540, 23.6867,
56.1683

 37.8240, 20.7928,
51.0204


 209.2140, 22.5725,
40.1543

 27.1290, 14.7264,
36.7209

 225.6500, 14.4696,
25.7400

 17.4450, 8.6546,
24.1657

 242.6730, 6.0772,
10.8108

 0.9120, 3.4944,
-0.7998

 0.0000, 0.0000,

0.0000

■ 110.0470, 22.6548,
60.4718

■ 110.0470, 22.6548,
60.4718

■ 99.0250, 26.1167,
70.1381

■ 121.0690, 19.1930,
50.8055

■ 88.1170, 30.0153,
79.7044

■ 131.9770, 15.2943,
41.2392

■ 77.0950, 33.4772,
89.3707

■ 142.9990, 11.8325,
31.5729

■ 69.8230, 36.0763,
95.7482

■ 154.0210, 8.3706,
21.9066

■ 164.3420, 4.7614,
12.8551

■ 175.3640, 1.2995,
3.1888

■ 186.3860, -2.1623,
-6.4775

■ 197.2940, -6.0609,
-16.0438

■ 208.3160, -9.5228,
-25.7101

Harmonies

Analogous

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



113.2280, 41.2996, 6.8160



110.0470, 22.6548, 60.4718



102.0060, 1.4760, 86.8177

Triad

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



110.0470, 22.6548, 60.4718



103.4180, -50.9851, 19.8044



97.3370, 35.3299, -85.3645

Complementary

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



110.0470, 22.6548, 60.4718



134.9530, -22.6548, -60.4718

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.



92.1100, 12.7638, -80.7805



110.0470, 22.6548, 60.4718



94.5440, -45.6242, -19.7711

Square

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



110.0470, 22.6548, 60.4718



103.6490, -51.0990, 56.4358



84.1930, -9.9551, -73.8373



98.5060, 52.5015, -86.3898

Rectangle

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



110.0470, 22.6548, 60.4718



102.5270, -15.5428, 85.4838



84.1930, -9.9551, -73.8373



96.2140, 28.4885, -84.3797

Sweetspot

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



110.0470, 22.6548, 60.4718



205.1460, 8.8020, 23.5510



85.7590, 45.9678, 2.8424



100.5810, 5.6296, 14.3995



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



110.0470, 22.6548, 60.4718



124.5840, 35.2081, 94.2038



103.6630, -1.8059, 66.0705



83.4890, 1.7309, 4.8331



59.6550, 30.7361, 81.8636



10.0540, 4.9034, 13.9846

Inverse Universe

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



110.0470, 22.6548, 60.4718



124.5840, 35.2081, 94.2038



141.3370, 1.8059, -66.0705



83.4890, 1.7309, 4.8331



59.6550, 30.7361, 81.8636



10.0540, 4.9034, 13.9846

Previews

White Background



This preview shows how the YUV color 110.0470, 22.6548, 60.4718 looks on a white background.

Color Contrast Check

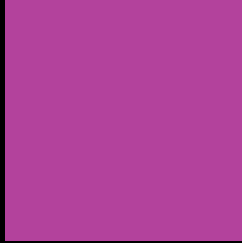
Large Text (above 18pt) WCAG AA ✓ Pass

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 110.0470, 22.6548, 60.4718 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

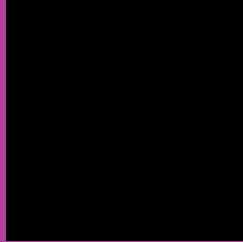
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 110.0470, 22.6548, 60.4718

Background



This preview shows how black text looks on a background with the YUV color 110.0470, 22.6548, 60.4718.



This preview shows how white text looks on a background with the YUV color 110.0470, 22.6548, 60.4718.

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

110.0470, 22.6548, 60.4718

Protanopia

108.5950, 41.1187, -28.5858

Deuteranopia

112.0540, 18.2144, -8.8174



Tritanopia

110.9960, -10.3510, 53.5005

Trichromacy



Original Color

110.0470, 22.6548, 60.4718



Protanomaly

108.7840, 34.6165, 3.6974



Deuteranomaly

111.3760, 20.0276, 16.3332



Tritanomaly

110.5200, 1.7156, 56.5490

Monochromacy



Original Color

110.0470, 22.6548, 60.4718



Achromatopsia

110.0000, 0.0000, 0.0000



Achromatomaly

110.0210, 8.3706, 21.9066

CSS Examples

Text

The CSS property to change the color of the text to YUV 110.0470, 22.6548, 60.4718 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(179, 66, 156)` looks like.

```
.text, #text, p{  
    color:rgb(179, 66, 156)  
}
```

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(179, 66, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 66, 156) }
```

Border

The CSS property to change the border of an element to YUV 110.0470, 22.6548, 60.4718 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(179, 66, 156) }
```


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

```
.border{ border-color:rgb(179, 66, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 66, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 66, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 66, 156);  
box-shadow:4px 4px 4px 4px rgb(179, 66,  
156) }
```

Background

The CSS property to change the background color of an element to YUV 110.0470, 22.6548, 60.4718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 66, 156) }
```

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

```
.background{ background-color: rgb(179, 66,  
156) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor