

Converting Colors

YUV(104.0910, 22.6331,
67.4492)

Have a look what the booklet for
YUV(104.0910, 22.6331, 67.4492)
contains.

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Color

**YUV(104.0910, 22.6331,
67.4492)**

Conversions

Conversions Part 1

Format	Color
Hex	B53896
RGB	181, 56, 150
RGB Percent	71%, 22%, 59%
CMY	0.2902, 0.7804, 0.4118
CMYK	0.00, 0.69, 0.17, 0.29
HSL	315°, 53%, 46%
HSV	315°, 69%, 71%
XYZ	25.9752, 14.8541, 30.3522
YIQ	104.0910, 44.3260, 55.7340

Conversions

Conversions Part 2

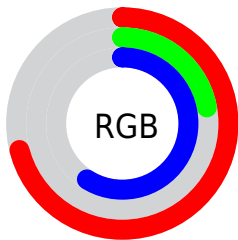
Format	Color
R_{YB}	181, 56, 150
Decimal	11876502
CIE _{Lab}	45.43, 59.67, -24.73
CIE _{LCh}	45, 64.593, 337.490
Yxy	14.8541, 0.3649, 0.2087
Android (android.graphics.Color)	4290066582 (0xFFB53896)
YUV	104.0910, 22.6331, 67.4492
Hunter-Lab	38.5410, 52.8557, -19.7140

Details

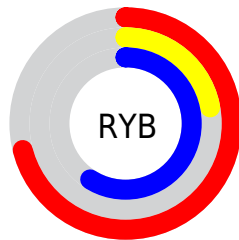
The YUV color **104.0910, 22.6331, 67.4492** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **132.9090, -22.6331, -67.4492**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.3470, 21.0279, 68.9787**, and **48.3620, 24.9645, 66.3345** is the 20% darker color. If you saturate the color by 10%, you get **93.0690, 26.0950, 77.1155**, and if you desaturate by 10%, it is **115.1130, 19.1713, 57.7829**.

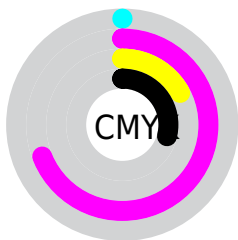
Distribution



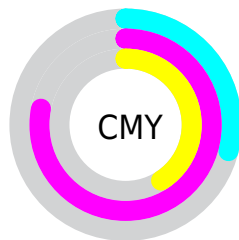
- Red (71%)
- Green (22%)
- Blue (59%)



- Red (71%)
- Yellow (22%)
- Blue (59%)



- Cyan (0%)
- Magenta (69%)
- Yellow (17%)
- Black (29%)



- Cyan (29%)
- Magenta (78%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.0910, 22.6331, 67.4492 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 104.0910, 22.6331, 67.4492 by changing the saturation by 10% instead.

104.0910, 22.6331,
67.4492

104.0910, 22.6331,
67.4492

255.0000, 0.0000,
0.0000

71.9110, 25.6799,
70.2381

161.3470, 21.0279,
68.9787

48.3620, 24.9645,
66.3345

185.5740, 23.3810,
60.8866

37.5530, 18.4614,
52.1350

204.5180, 24.8876,
44.2727

26.8580, 12.3950,
37.8355

220.9540, 16.7847,
29.8583

16.8750, 6.4706,
24.6656

237.9770, 8.3923,
14.9292

0.0000, 0.0000,
0.0000

104.0910, 22.6331,
67.4492

104.0910, 22.6331,
67.4492

93.0690, 26.0950,
77.1155

115.1130, 19.1713,
57.7829

81.9330, 29.1200,
86.8818

126.2490, 16.1462,
48.0166

70.9110, 32.5819,
96.5481

137.2710, 12.6844,
38.3503

69.6230, 32.7239,
97.6776

148.4070, 9.6593,
28.5841

160.0160, 5.9081,
18.4030

171.1520, 2.8831,
8.6367

182.1740, -0.5788,
-1.0296

193.3100, -3.6038,

-10.7959

■ 204.3320, -7.0657,
-20.4622

Harmonies

Analogous

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



109.6740, 41.5727, 12.5639



104.0910, 22.6331, 67.4492



95.1100, 0.4388, 92.8655

Triad

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



104.0910, 22.6331, 67.4492



99.8520, -49.2270, 15.9158



95.9180, 37.5084, -84.1201

Complementary

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



104.0910, 22.6331, 67.4492



132.9090, -22.6331, -67.4492

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.



90.5770, 14.5055, -79.4360



104.0910, 22.6331, 67.4492



89.2550, -44.0027, -26.5336

Square

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



104.0910, 22.6331, 67.4492



100.6810, -49.6357, 53.7768



82.9050, -9.8132, -72.7077



96.5000, 54.9695, -84.6305

Rectangle

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



104.0910, 22.6331, 67.4492



96.6800, -17.5902, 88.8576



82.9050, -9.8132, -72.7077



94.6810, 30.2303, -83.0352

Sweetspot

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



104.0910, 22.6331, 67.4492



204.1680, 8.7912, 27.0397



78.9210, 50.3249, 5.3313



99.1790, 5.3348, 15.6290



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.



104.0910, 22.6331, 67.4492



114.9490, 35.0281, 105.2847



97.1370, -4.0115, 73.5479



83.4890, 1.7309, 4.8331



58.8570, 27.6785, 82.5634



9.9400, 4.4666, 14.0846

Inverse Universe

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



104.0910, 22.6331, 67.4492



114.9490, 35.0281, 105.2847



139.8630, 4.0115, -73.5479



83.4890, 1.7309, 4.8331



58.8570, 27.6785, 82.5634



9.9400, 4.4666, 14.0846

Previews

White Background



This preview shows how the YUV color 104.0910, 22.6331, 67.4492 looks on a white background.

Color Contrast Check

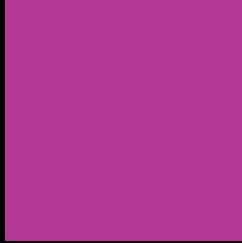
Large Text (above 18pt) WCAG AA ✓ Pass

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 104.0910, 22.6331, 67.4492 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

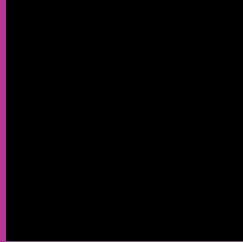
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 104.0910, 22.6331, 67.4492

Background



This preview shows how black text looks on a background with the YUV color 104.0910, 22.6331, 67.4492.



This preview shows how white text looks on a background with the YUV color 104.0910, 22.6331, 67.4492.

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

104.0910, 22.6331, 67.4492

Protanopia

104.6270, 42.5819, -31.2449

Deuteranopia

109.0110, 16.7566, -7.9026



Tritanopia

106.1710, -12.4093, 60.3630

Trichromacy



Original Color

104.0910, 22.6331, 67.4492

Protanomaly

104.6100, 35.1953, 4.7270

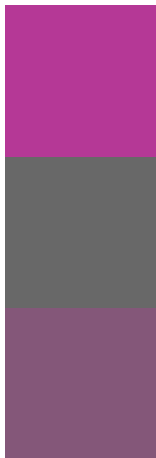
Deuteranomaly

106.8710, 19.2906, 19.4071

Tritanomaly

105.5100, 0.2416, 62.6967

Monochromacy



Original Color

104.0910, 22.6331, 67.4492

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

104.3310, 8.2178, 24.2657

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.0910, 22.6331, 67.4492 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(181, 56, 150)` looks like.

```
.text, #text, p{  
    color:rgb(181, 56, 150)  
}
```

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(181, 56, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 56, 150) }
```

Border

The CSS property to change the border of an element to YUV 104.0910, 22.6331, 67.4492 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(181, 56, 150) }
```


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

```
.border{ border-color:rgb(181, 56, 150) }
```

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

Here you see how a box with a 4 pixel rgb(181, 56, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 56, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 56, 150);  
box-shadow:4px 4px 4px 4px rgb(181, 56,  
150) }
```

Background

The CSS property to change the background color of an element to YUV 104.0910, 22.6331, 67.4492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 56, 150) }
```

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

```
.background{ background-color: rgb(181, 56,  
150) }
```

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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