

Converting Colors

YUV(112.9020, 22.2333, 8.8559)

Have a look what the booklet for
YUV(112.9020, 22.2333, 8.8559)
contains.

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Color

**YUV(112.9020, 22.2333,
8.8559)**

Conversions

Conversions Part 1

Format	Color
Hex	7B639E
RGB	123, 99, 158
RGB Percent	48%, 39%, 62%
CMY	0.5176, 0.6118, 0.3804
CMYK	0.22, 0.37, 0.00, 0.38
HSL	264°, 23%, 50%
HSV	264°, 37%, 62%
XYZ	18.8018, 15.6033, 34.3685
YIQ	112.9020, -4.6350, 23.4370

Conversions

Conversions Part 2

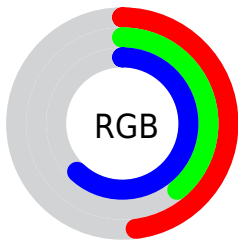
Format	Color
R_{YB}	123, 99, 158
Decimal	8086430
CIE _{Lab}	46.45, 22.15, -28.50
CIE _{LCh}	46, 36.100, 307.856
Yxy	15.6033, 0.2734, 0.2269
Android (android.graphics.Color)	4286276510 (0xFF7B639E)
YUV	112.9020, 22.2333, 8.8559
Hunter-Lab	39.5010, 15.8362, -23.9357

Details

The YUV color **112.9020, 22.2333, 8.8559** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **144.0980, -22.2333, -8.8559**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.9560, 23.6857, 9.6856**, and **64.4350, 20.4915, 7.5115** is the 20% darker color. If you saturate the color by 10%, you get **100.8190, 28.1902, 11.5597**, and if you desaturate by 10%, it is **124.9850, 16.2764, 6.1522**.

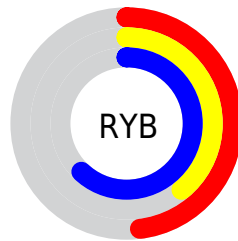
Distribution



Red (48%)

Green (39%)

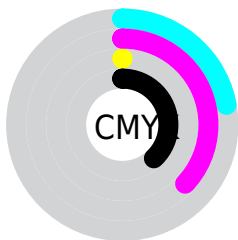
Blue (62%)



Red (48%)

Yellow (39%)

Blue (62%)

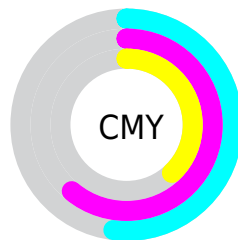


Cyan (22%)

Magenta (37%)

Yellow (0%)

Black (38%)



Cyan (52%)

Magenta (61%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.9020, 22.2333, 8.8559 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 112.9020, 22.2333, 8.8559 by changing the saturation by 10% instead.

■ 112.9020, 22.2333,
8.8559

■ 112.9020, 22.2333,
8.8559

■ 255.0000, 0.0000,
0.0000

■ 88.0760, 21.6545,
7.8263

■ 164.9560, 23.6857,
9.6856

■ 64.4350, 20.4915,
7.5115

■ 192.3690, 23.9751,
10.2004

■ 41.6090, 19.9128,
6.4819

■ 218.4850, 18.0019,
12.7297

■ 19.3700, 19.0446,
4.9375

■ 242.0860, 6.3666,
11.3256

■ 4.1040, 15.7247,
-3.5992

■ 1.3680, 5.2416,
-1.1997

■ 0.0000, 0.0000,

0.0000

■ 112.9020, 22.2333,
8.8559

■ 112.9020, 22.2333,
8.8559

■ 100.8190, 28.1902,
11.5597

■ 124.9850, 16.2764,
6.1522

■ 88.4370, 34.2946,
13.6488

■ 137.3670, 10.1721,
4.0631

■ 76.9410, 39.9621,
15.8377

■ 148.8630, 4.5045,
1.8741

■ 64.8580, 45.9190,
18.5415

■ 160.9460, -1.4524,
-0.8296

■ 52.4760, 52.0233,
20.6305

■ 173.3280, -7.5567,
-2.9187

■ 40.3930, 57.9803,
23.3343

■ 185.4110,
-13.5136, -5.6224

■ 37.1480, 59.5800,
23.5492

■ 197.7930,
-19.6179, -7.7115

■ 209.2890,
-25.2855, -9.9005

■ 221.3720,
-31.2424, -12.6042

Harmonies

Analogous

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



106.3640, 31.3725, -29.2602



112.9020, 22.2333, 8.8559



112.9780, 10.3638, 35.9763

Triad

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



112.9020, 22.2333, 8.8559



108.8090, -27.0208, 33.4935



87.3000, 14.6421, -76.5621

Complementary

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



112.9020, 22.2333, 8.8559



144.0980, -22.2333, -8.8559

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.



96.0470, -4.9532, -44.7682



112.9020, 22.2333, 8.8559



106.8080, -28.9923, 12.4464

Square

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



112.9020, 22.2333, 8.8559



110.0030, -17.7495, 46.4784



103.1190, -20.7647, -13.2594



89.4320, 27.8880, -78.4319

Rectangle

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



112.9020, 22.2333, 8.8559



111.8130, 0.5852, 45.7680



103.1190, -20.7647, -13.2594



85.5730, 10.5635, -75.0475

Sweetspot

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



112.9020, 22.2333, 8.8559



189.3130, 8.7197, 3.2335



126.2710, 15.6424, -23.9167



94.0910, 5.3781, 1.6742



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



112.9020, 22.2333, 8.8559



135.6650, 35.1682, 13.4488



121.5730, 17.9585, 26.6845



72.8090, 3.0522, 1.0445



33.6440, 53.9125, 21.3602



3.5040, 5.6675, 2.1890

Inverse Universe

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



120.6310, 6.5909, 32.7726



148.0770, 10.3150, 51.6755



135.4270, -17.9585, -26.6845



73.9620, 1.0047, 4.4183



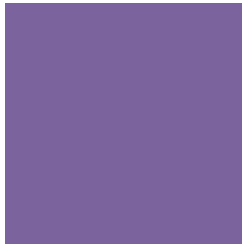
52.4470, 16.0486, 79.4150



5.5110, 1.7201, 8.3219

Previews

White Background



This preview shows how the YUV color 112.9020, 22.2333, 8.8559 looks on a white background.

Color Contrast Check

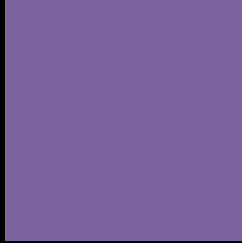
Large Text (above 18pt) WCAG AA ✓ Pass

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 112.9020, 22.2333, 8.8559 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

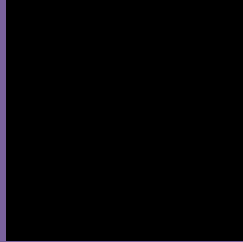
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 112.9020, 22.2333, 8.8559

Background



This preview shows how black text looks on a background with the YUV color 112.9020, 22.2333, 8.8559.

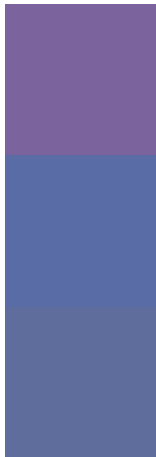


This preview shows how white text looks on a background with the YUV color 112.9020, 22.2333, 8.8559.

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

112.9020, 22.2333, 8.8559

Protanopia

109.2300, 27.9876, -16.8647

Deuteranopia

109.8730, 22.7406, -13.9206



Tritanopia

111.3040, 2.3151, 4.1184

Trichromacy



Original Color

112.9020, 22.2333, 8.8559

Protanomaly

110.7150, 25.7765, -7.6431

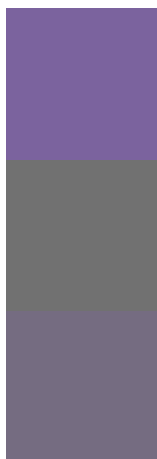
Deuteranomaly

110.9280, 22.7135, -5.1989

Tritanomaly

112.1500, 9.2931, 6.0075

Monochromacy



Original Color

112.9020, 22.2333, 8.8559

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

113.0850, 7.8461, 3.4335

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.9020, 22.2333, 8.8559 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(123, 99, 158)` looks like.

```
.text, #text, p{  
    color:rgb(123, 99, 158)  
}
```

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(123, 99, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 99, 158) }
```

Border

The CSS property to change the border of an element to YUV 112.9020, 22.2333, 8.8559 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(123, 99, 158) }
```


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

```
.border{ border-color:rgb(123, 99, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 99, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 99, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 99, 158);  
box-shadow:4px 4px 4px 4px rgb(123, 99,  
158) }
```

Background

The CSS property to change the background color of an element to YUV 112.9020, 22.2333, 8.8559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 99, 158) }
```

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

```
.background{ background-color: rgb(123, 99,  
158) }
```

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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