

Converting Colors

YUV(117.3260, 22.5173,
11.1151)

Have a look what the booklet for
YUV(117.3260, 22.5173, 11.1151)
contains.

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Color

**YUV(117.3260, 22.5173,
11.1151)**

Conversions

Conversions Part 1	
Format	Color
Hex	8266A3
RGB	130, 102, 163
RGB Percent	51%, 40%, 64%
CMY	0.4902, 0.6000, 0.3608
CMYK	0.20, 0.37, 0.00, 0.36
HSL	268°, 25%, 52%
HSV	268°, 37%, 64%
XYZ	20.5682, 16.8929, 36.8269
YIQ	117.3260, -2.8930, 24.9070

Conversions

Conversions Part 2

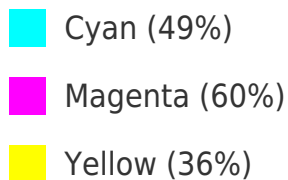
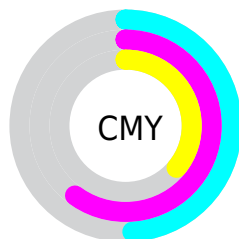
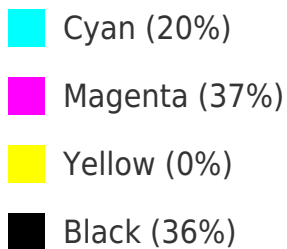
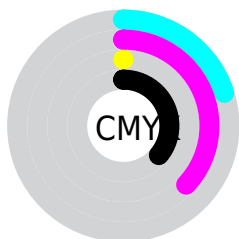
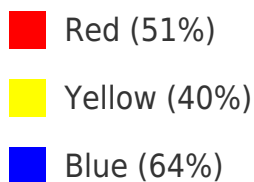
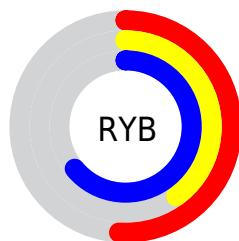
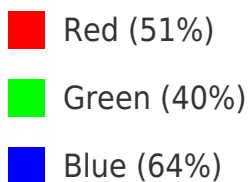
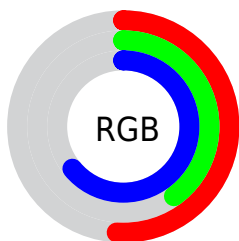
Format	Color
RYB	130, 102, 163
Decimal	8545955
CIELab	48.12, 23.78, -28.79
CIELCh	48, 37.342, 309.565
Yxy	16.8929, 0.2769, 0.2274
Android (android.graphics.Color)	4286736035 (0xFF8266A3)
YUV	117.3260, 22.5173, 11.1151
Hunter-Lab	41.1010, 17.4000, -24.3538

Details

The YUV color **117.3260, 22.5173, 11.1151** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **147.6740, -22.5173, -11.1151**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.6790, 23.8223, 12.5595**, and **68.5600, 20.9229, 9.1559** is the 20% darker color. If you saturate the color by 10%, you get **105.2430, 28.4742, 13.8189**, and if you desaturate by 10%, it is **129.4090, 16.5604, 8.4113**.

Distribution





Brightness & Saturation

Gradients


These gradients show how the YUV color 117.3260, 22.5173, 11.1151 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 117.3260, 22.5173, 11.1151 by changing the saturation by 10% instead.


 117.3260, 22.5173,
11.1151


 117.3260, 22.5173,
11.1151


255.0000, 0.0000,
0.0000

 92.5000, 21.9385,
10.0855


 169.6790, 23.8223,
12.5595

 68.5600, 20.9229,
9.1559


 197.2060, 24.5484,
12.9743


 45.0330, 20.1967,
8.7411

 223.2250, 15.6651,
15.5887

 22.9080, 19.7654,
7.0967

 243.8470, 5.4984,
9.7812

 6.7670, 16.8769,
0.2043

 2.6390, 7.5730,
-2.3144

 0.0000, 0.0000,

0.0000

■ 117.3260, 22.5173,
11.1151

■ 117.3260, 22.5173,
11.1151

■ 105.2430, 28.4742,
13.8189

■ 129.4090, 16.5604,
8.4113

■ 92.5730, 34.7205,
17.0375

■ 142.0790, 10.3141,
5.1927

■ 80.7890, 40.5300,
20.3560

■ 153.8630, 4.5045,
1.8741

■ 68.7060, 46.4869,
23.0598

■ 165.9460, -1.4524,
-0.8296

■ 56.6230, 52.4439,
25.7636

■ 178.6160, -7.6987,
-4.0482

■ 43.9530, 58.6902,
28.9822

■ 190.6990,
-13.6556, -6.7520

41.0070, 60.1425,
29.8119

202.7820,
-19.6125, -9.4558

214.8650,
-25.5694, -12.1596

227.2360,
-31.6683, -15.9930

Harmonies

Analogous

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



110.9020, 32.0933, -27.1011



117.3260, 22.5173, 11.1151



117.1740, 9.7742, 38.4354

Triad

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



117.3260, 22.5173, 11.1151



113.0540, -28.6206, 33.2786



90.4460, 16.5421, -79.3211

Complementary

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



117.3260, 22.5173, 11.1151



147.6740, -22.5173, -11.1151

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.



98.9540, -3.9213, -49.0717



117.3260, 22.5173, 11.1151



110.5690, -29.8605, 10.9020

Square

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



117.3260, 22.5173, 11.1151



114.3730, -18.9179, 47.9079



106.6950, -21.0486, -15.5185



93.1650, 29.4987, -81.7057

Rectangle

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



117.3260, 22.5173, 11.1151



116.0090, -0.0044, 48.2271



106.6950, -21.0486, -15.5185



89.1920, 11.7373, -78.2214

Sweetspot

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



117.3260, 22.5173, 11.1151



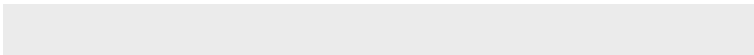
194.0250, 8.8617, 4.3631



128.9120, 16.8054, -23.6018



96.6890, 5.0833, 2.9037



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



117.3260, 22.5173, 11.1151



140.1000, 35.4467, 17.4523



126.2960, 18.0951, 29.5584



75.2220, 3.3416, 1.5593



36.5630, 53.4594, 26.6932



4.4440, 6.6831, 3.1186

Inverse Universe

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



124.0010, 5.4225, 34.2021



150.6320, 8.5624, 53.8197



138.7040, -18.0951, -29.5584



76.2610, 0.8573, 5.0331



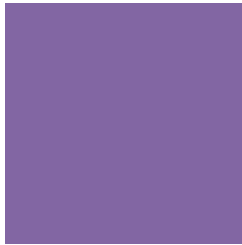
52.3610, 13.1330, 81.2444



6.5220, 1.7147, 10.0662

Previews

White Background



This preview shows how the YUV color 117.3260, 22.5173, 11.1151 looks on a white background.

Color Contrast Check

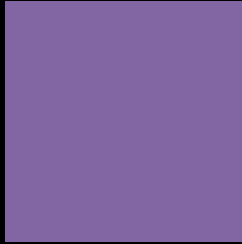
Large Text (above 18pt) WCAG AA ✓ Pass

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 117.3260, 22.5173, 11.1151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

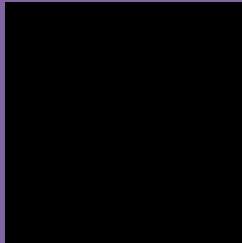
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 117.3260, 22.5173, 11.1151

Background



This preview shows how black text looks on a background with the YUV color 117.3260, 22.5173, 11.1151.



This preview shows how white text looks on a background with the YUV color 117.3260, 22.5173, 11.1151.

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

117.3260, 22.5173, 11.1151

Protanopia

113.4580, 28.8612, -17.0647

Deuteranopia





113.9870, 23.1774, -14.0206






Tritanopia

115.6140, 2.1623, 6.4775

Trichromacy

	Original Color 117.3260, 22.5173, 11.1151
	Protanomaly 114.6550, 26.7921, -6.7134
	Deuteranomaly 115.3410, 23.0029, -4.6841
	Tritanomaly 116.5740, 9.5770, 8.2666

Monochromacy

	Original Color 117.3260, 22.5173, 11.1151
	Achromatopsia 117.0000, 0.0000, 0.0000
	Achromatomaly 117.4980, 8.1355, 3.9483

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.3260, 22.5173, 11.1151 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(130, 102, 163)` looks like.

```
.text, #text, p{  
    color:rgb(130, 102, 163)  
}
```

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(130, 102, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 102, 163) }
```

Border

The CSS property to change the border of an element to YUV 117.3260, 22.5173, 11.1151 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(130, 102, 163) }
```

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

```
.border{ border-color:rgb(130, 102, 163) }
```

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

Here you see how a box with a 4 pixel rgb(130, 102, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 102, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 102, 163);  
box-shadow:4px 4px 4px 4px rgb(130, 102,  
163) }
```

Background

The CSS property to change the background color of an element to YUV 117.3260, 22.5173, 11.1151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 102, 163) }
```

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

```
.background{ background-color: rgb(130,  
102, 163) }
```

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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