

Converting Colors

YUV(116.7620, 17.8653, 9.8557)

Have a look what the booklet for
YUV(116.7620, 17.8653, 9.8557)
contains.

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Color

**YUV(116.7620, 17.8653,
9.8557)**

Conversions

Conversions Part 1

Format	Color
Hex	806899
RGB	128, 104, 153
RGB Percent	50%, 41%, 60%
CMY	0.4980, 0.5922, 0.4000
CMYK	0.16, 0.32, 0.00, 0.40
HSL	269°, 19%, 50%
HSV	269°, 32%, 60%
XYZ	19.6022, 16.7897, 32.3446
YIQ	116.7620, -1.4250, 20.3270

Conversions

Conversions Part 2

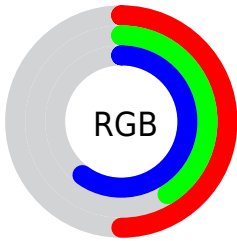
Format	Color
R_{YB}	128, 104, 153
Decimal	8415385
CIE _{Lab}	47.99, 19.57, -23.11
CIE _{LCh}	48, 30.288, 310.260
Yxy	16.7897, 0.2852, 0.2443
Android (android.graphics.Color)	4286605465 (0xFF806899)
YUV	116.7620, 17.8653, 9.8557
Hunter-Lab	40.9753, 13.6859, -18.1190

Details

The YUV color **116.7620, 17.8653, 9.8557** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **140.2380, -17.8653, -9.8557**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.8160, 19.3177, 10.6854**, and **68.4090, 16.5604, 8.4113** is the 20% darker color. If you saturate the color by 10%, you get **105.5650, 23.3855, 12.6595**, and if you desaturate by 10%, it is **127.9590, 12.3452, 7.0520**.

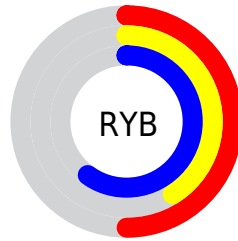
Distribution



Red (50%)

Green (41%)

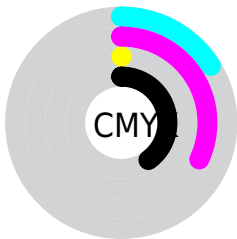
Blue (60%)



Red (50%)

Yellow (41%)

Blue (60%)

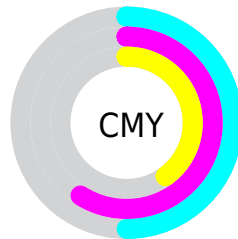


Cyan (16%)

Magenta (32%)

Yellow (0%)

Black (40%)



Cyan (50%)

Magenta (59%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.7620, 17.8653, 9.8557 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 116.7620, 17.8653, 9.8557 by changing the saturation by 10% instead.

■ 116.7620, 17.8653,
9.8557

■ 116.7620, 17.8653,
9.8557

■ 255.0000, 0.0000,
0.0000

■ 92.2350, 17.1391,
9.4409

■ 168.8160, 19.3177,
10.6854

■ 68.4090, 16.5604,
8.4113

■ 196.2290, 19.6071,
11.2002

■ 45.5830, 15.9816,
7.3817

■ 223.5020, 15.5285,
12.7147

■ 23.7570, 15.4028,
6.3521

■ 245.0210, 4.9196,
8.7516

■ 5.2570, 13.6773,
-0.2254

■ 0.6840, 2.6208,
-0.5999

■ 0.0000, 0.0000,

0.0000

■ 116.7620, 17.8653,
9.8557

■ 116.7620, 17.8653,
9.8557

■ 105.5650, 23.3855,
12.6595

■ 127.9590, 12.3452,
7.0520

■ 93.7810, 29.1950,
15.9781

■ 139.7430, 6.5357,
3.7334

■ 82.8830, 34.5677,
19.3966

■ 150.6410, 1.1630,
0.3148

■ 71.6860, 40.0878,
22.2004

■ 161.8380, -4.3571,
-2.4889

■ 60.4890, 45.6079,
25.0041

■ 173.6220,
-10.1666, -5.8075

■ 48.7050, 51.4174,
28.3227

■ 184.8190,
-15.6868, -8.6113

■ 39.8670, 55.7746,
30.8116

■ 196.0160,
-21.2069, -11.4150

■ 206.9140,
-26.5796, -14.8336

■ 218.6980,
-32.3891, -18.1521

Harmonies

Analogous

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



111.9370, 25.6671, -19.2387



116.7620, 17.8653, 9.8557



117.1470, 7.3225, 31.4431

Triad

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



116.7620, 17.8653, 9.8557



113.1010, -23.2208, 27.9754



92.0450, 14.7678, -70.1995

Complementary

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



116.7620, 17.8653, 9.8557



140.2380, -17.8653, -9.8557

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.



103.1450, -3.5225, -36.9612



116.7620, 17.8653, 9.8557



111.1650, -23.7453, 9.5023

Square

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



116.7620, 17.8653, 9.8557



114.7140, -16.1280, 39.7158



108.1560, -16.8389, -12.4148



90.6060, 27.3092, -79.4615

Rectangle

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



116.7620, 17.8653, 9.8557



116.4270, -0.7035, 39.0905



108.1560, -16.8389, -12.4148



97.2980, 7.7411, -56.3893

Sweetspot

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



116.7620, 17.8653, 9.8557



184.2700, 7.2619, 4.1482



124.2610, 14.1683, -17.7689



90.7490, 4.0677, 1.9741



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.



116.7620, 17.8653, 9.8557



142.7270, 27.7426, 15.1484



123.9380, 14.3276, 24.6104



71.1080, 2.9048, 1.6593



36.5910, 50.9806, 28.4227



3.2760, 4.7939, 2.3889

Inverse Universe

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



121.5010, 3.6970, 27.6246



150.1700, 5.8322, 42.8239



133.0620, -14.3276, -24.6104



71.8480, 0.5679, 4.5183



50.0680, 10.8125, 78.8704



4.6850, 1.1413, 7.2923

Previews

White Background



This preview shows how the YUV color 116.7620, 17.8653, 9.8557 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 116.7620, 17.8653, 9.8557 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 116.7620, 17.8653, 9.8557

Background



This preview shows how black text looks on a background with the YUV color 116.7620, 17.8653, 9.8557.



This preview shows how white text looks on a background with the YUV color 116.7620, 17.8653,

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

116.7620, 17.8653, 9.8557

Protanopia

113.8840, 22.7352, -12.1763

Deuteranopia

114.3530, 18.0670, -8.2026



Tritanopia

115.2010, 1.8729, 5.9627

Trichromacy



Original Color

116.7620, 17.8653, 9.8557

Protanomaly

114.7710, 20.8189, -4.1842

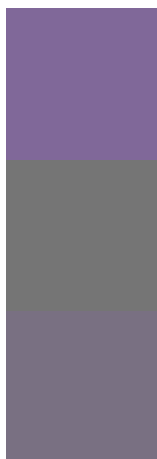
Deuteranomaly

115.0980, 18.1927, -1.8399

Tritanomaly

115.4060, 7.6878, 7.5369

Monochromacy



Original Color

116.7620, 17.8653, 9.8557

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

116.7430, 6.5357, 3.7334

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.7620, 17.8653, 9.8557 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(128, 104, 153)` looks like.

```
.text, #text, p{  
    color:rgb(128, 104, 153)  
}
```

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(128, 104, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 104, 153) }
```

Border

The CSS property to change the border of an element to YUV 116.7620, 17.8653, 9.8557 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(128, 104, 153) }
```


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

```
.border{ border-color:rgb(128, 104, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 104, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 104, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 104, 153);  
box-shadow:4px 4px 4px 4px rgb(128, 104,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 116.7620, 17.8653, 9.8557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 104, 153) }
```

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

```
.background{ background-color: rgb(128,  
104, 153) }
```

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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