

Converting Colors

YUV(126.7620, 17.8653, 9.8557)

Have a look what the booklet for
YUV(126.7620, 17.8653, 9.8557)
contains.

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Color

**YUV(126.7620, 17.8653,
9.8557)**

Conversions

Conversions Part 1

Format	Color
Hex	8A72A3
RGB	138, 114, 163
RGB Percent	54%, 45%, 64%
CMY	0.4588, 0.5529, 0.3608
CMYK	0.15, 0.30, 0.00, 0.36
HSL	269°, 21%, 54%
HSV	269°, 30%, 64%
XYZ	23.1094, 20.0822, 37.3086
YIQ	126.7620, -1.4250, 20.3270

Conversions

Conversions Part 2

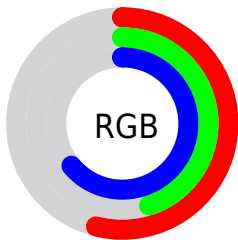
Format	Color
R_{YB}	138, 114, 163
Decimal	9073315
CIE _{Lab}	51.93, 19.27, -22.83
CIE _{LCh}	52, 29.876, 310.163
Yxy	20.0822, 0.2871, 0.2495
Android (android.graphics.Color)	4287263395 (0xFF8A72A3)
YUV	126.7620, 17.8653, 9.8557
Hunter-Lab	44.8132, 13.6262, -17.9918

Details

The YUV color $126.7620, 17.8653, 9.8557$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $150.2380, -17.8653, -9.8557$, and the grayscale version is $127.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $179.7020, 18.8809, 10.7853$, and $77.4090, 16.5604, 8.4113$ is the 20% darker color. If you saturate the color by 10%, you get $114.9780, 23.6748, 13.1743$, and if you desaturate by 10%, it is $138.5460, 12.0558, 6.5372$.

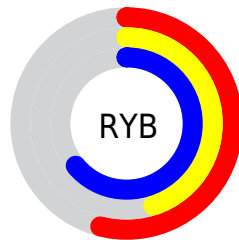
Distribution



Red (54%)

Green (45%)

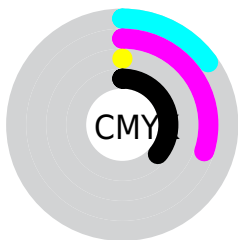
Blue (64%)



Red (54%)

Yellow (45%)

Blue (64%)

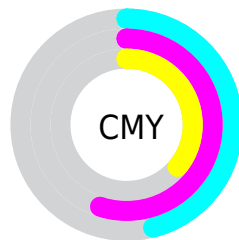


Cyan (15%)

Magenta (30%)

Yellow (0%)

Black (36%)



Cyan (46%)

Magenta (55%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 126.7620, 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 126.7620, 17.8653, 9.8557 by changing the saturation by 10% instead.

■ 126.7620, 17.8653,
9.8557

■ 126.7620, 17.8653,
9.8557

■ 255.0000, 0.0000,
0.0000

■ 101.3490, 17.5759,
9.3409

■ 179.7020, 18.8809,
10.7853

■ 77.4090, 16.5604,
8.4113

■ 207.2290, 19.6071,
11.2002

■ 53.9960, 16.2710,
7.8965

■ 233.2480, 10.7237,
13.8145

■ 32.0560, 15.2554,
6.9669

■ 252.0650, 1.4470,
2.5740

■ 11.2520, 14.6658,
9.4260

■ 2.7530, 8.0098,
-2.4144

■ 0.0000, 0.0000,

0.0000

126.7620, 17.8653,
9.8557

126.7620, 17.8653,
9.8557

114.9780, 23.6748,
13.1743

138.5460, 12.0558,
6.5372

102.3080, 29.9212,
16.3929

151.2160, 5.8095,
3.3186

90.5240, 35.7307,
19.7115

163.0000, 0.0000,
0.0000

78.7400, 41.5402,
23.0300

174.7840, -5.8095,
-3.3186

66.6570, 47.4971,
25.7338

186.8670,
-11.7664, -6.0224

54.2860, 53.5960,
29.5672

199.2380,
-17.8653, -9.8557

■ 42.5020, 59.4055,
32.8857

■ 211.0220,
-23.6748, -13.1743

■ 223.1050,
-29.6318, -15.8781

■ 231.9540,
-33.9943, -16.6227

Harmonies

Analogous

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



122.2360, 25.5197, -18.6240



126.7620, 17.8653, 9.8557



127.1470, 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.



126.7620, 17.8653, 9.8557



123.1010, -23.2208, 27.9754



106.5190, 12.5621, -62.7222

Complementary

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



126.7620, 17.8653, 9.8557



150.2380, -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.



113.4440, -3.6699, -36.3464



126.7620, 17.8653, 9.8557



121.1650, -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.



126.7620, 17.8653, 9.8557



124.7140, -16.1280, 39.7158



118.1560, -16.8389, -12.4148



101.5030, 26.8670, -77.6171

Rectangle

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



126.7620, 17.8653, 9.8557



126.7260, -0.8509, 39.7053



118.1560, -16.8389, -12.4148



108.7930, 7.0041, -53.3155

Sweetspot

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



126.7620, 17.8653, 9.8557



197.8570, 6.9725, 3.6334



134.2610, 14.1683, -17.7689



98.1620, 4.3571, 2.4889



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.



126.7620, 17.8653, 9.8557



155.1400, 28.0320, 15.6632



133.9380, 14.3276, 24.6104



75.2220, 3.3416, 1.5593



37.7590, 52.8698, 29.1524



4.7430, 6.5357, 3.7334

Inverse Universe

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



131.5010, 3.6970, 27.6246



162.4690, 5.6848, 43.4387



143.0620, -14.3276, -24.6104



76.2610, 0.8573, 5.0331



51.7910, 10.9490, 81.7443



6.4080, 1.2779, 10.1662

Previews

White Background



This preview shows how the YUV color 126.7620, 17.8653, 9.8557 looks on a white 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

Black Background



This preview shows how the YUV color 126.7620, 17.8653, 9.8557 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

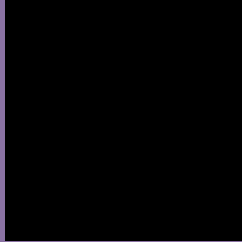
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 126.7620, 17.8653, 9.8557

Background



This preview shows how black text looks on a background with the YUV color 126.7620, 17.8653, 9.8557.



This preview shows how white text looks on a background with the YUV color 126.7620, 17.8653, 9.8557.

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

126.7620, 17.8653, 9.8557

Protanopia

123.7700, 22.2984, -12.0763

Deuteranopia

124.6520, 17.9196, -7.5878



Tritanopia

125.0270, 2.4517, 6.9923

Trichromacy



Original Color

126.7620, 17.8653, 9.8557

Protanomaly

124.7710, 20.8189, -4.1842

Deuteranomaly

125.3970, 18.0453, -1.2252

Tritanomaly

125.8190, 7.9772, 8.0517

Monochromacy



Original Color

126.7620, 17.8653, 9.8557

Achromatopsia

127.0000, 0.0000, 0.0000

Achromatomaly

126.7430, 6.5357, 3.7334

CSS Examples

Text

The CSS property to change the color of the text to YUV 126.7620, 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(138, 114, 163)` looks like.

```
.text, #text, p{  
    color:rgb(138, 114, 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(138, 114, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 114, 163) }
```

Border

The CSS property to change the border of an element to YUV 126.7620, 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(138, 114, 163) }
```


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

```
.border{ border-color:rgb(138, 114, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 114, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 114, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 114, 163);  
box-shadow:4px 4px 4px 4px rgb(138, 114,  
163) }
```

Background

The CSS property to change the background color of an element to YUV 126.7620, 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(138, 114, 163) }
```

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

```
.background{ background-color: rgb(138,  
114, 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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