

Converting Colors

YUV(123.6910, 5.5753, 31.8430)

Have a look what the booklet for
YUV(123.6910, 5.5753, 31.8430)
contains.

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Color

**YUV(123.6910, 5.5753,
31.8430)**

Conversions

Conversions Part 1

Format	Color
Hex	A06787
RGB	160, 103, 135
RGB Percent	63%, 40%, 53%
CMY	0.3725, 0.5961, 0.4706
CMYK	0.00, 0.36, 0.16, 0.37
HSL	326°, 23%, 52%
HSV	326°, 36%, 63%
XYZ	23.7206, 18.9233, 25.3240
YIQ	123.6910, 23.7000, 22.0360

Conversions

Conversions Part 2

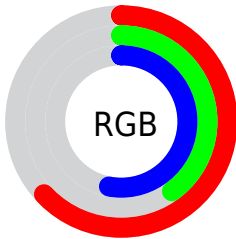
Format	Color
R_{YB}	160, 103, 135
Decimal	10512263
CIE _{Lab}	50.60, 27.74, -8.17
CIE _{LCh}	51, 28.919, 343.586
Yxy	18.9233, 0.3490, 0.2784
Android (android.graphics.Color)	4288702343 (0xFFA06787)
YUV	123.6910, 5.5753, 31.8430
Hunter-Lab	43.5010, 21.2075, -4.0649

Details

The YUV color **123.6910, 5.5753, 31.8430** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **139.3090, -5.5753, -31.8430**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.0010, 5.4225, 34.2021**, and **73.3810, 5.7282, 29.4839** is the 20% darker color. If you saturate the color by 10%, you get **113.5010, 7.1480, 40.7796**, and if you desaturate by 10%, it is **133.8810, 4.0027, 22.9064**.

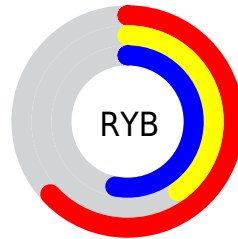
Distribution



Red (63%)

Green (40%)

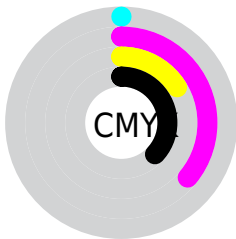
Blue (53%)



Red (63%)

Yellow (40%)

Blue (53%)

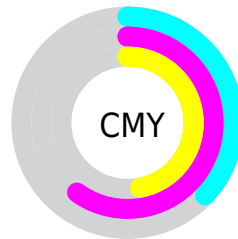


Cyan (0%)

Magenta (36%)

Yellow (16%)

Black (37%)



Cyan (37%)


Magenta (60%)


Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.6910, 5.5753, 31.8430 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 123.6910, 5.5753, 31.8430 by changing the saturation by 10% instead.


 123.6910, 5.5753,
31.8430


 123.6910, 5.5753,
31.8430


255.0000, 0.0000,
0.0000


 98.0930, 5.8702,
30.6134


 177.0010, 5.4225,
34.2021


 73.3810, 5.7282,
29.4839

 204.4140, 5.7119,
34.7169

 49.7830, 6.0230,
28.2543

 227.3310, 8.2178,
24.2657

 26.0110, 6.8966,
28.0544

 245.0210, 4.9196,
8.7516

 13.6420, 3.1345,
21.3620

 0.0000, 0.0000,
0.0000

123.6910, 5.5753,
31.8430

123.6910, 5.5753,
31.8430

113.5010, 7.1480,
40.7796

133.8810, 4.0027,
22.9064

103.3110, 8.7207,
49.7163

144.0710, 2.4300,
13.9697

93.1210, 10.2933,
58.6529

154.2610, 0.8573,
5.0331

82.9310, 11.8660,
67.5895

164.4510, -0.7153,
-3.9035

72.7410, 13.4387,
76.5261

174.6410, -2.2880,
-12.8402

62.5510, 15.0114,
85.4628


184.8310, -3.8607,
-21.7768

58.1000, 15.7267,
89.3663

195.0210, -5.4334,
-30.7134

205.2110, -7.0060,

-39.6500

 215.4010, -8.5787,
-48.5867

Harmonies

Analogous

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



123.6160, 15.9653, 12.6148



123.6910, 5.5753, 31.8430



122.3580, -6.0925, 40.9050

Triad

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



123.6910, 5.5753, 31.8430



118.0830, -22.7189, 6.9432



101.3190, 25.9717, -70.4398

Complementary

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



123.6910, 5.5753, 31.8430



139.3090, -5.5753, -31.8430

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.



103.4590, 13.5777, -61.7925



123.6910, 5.5753, 31.8430



114.6010, -15.0863, -14.5591

Square

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



123.6910, 5.5753, 31.8430



119.7910, -23.0680, 25.6163



110.1880, -2.0647, -37.8759



111.8260, 27.2008, -44.5744

Rectangle

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



123.6910, 5.5753, 31.8430



121.6970, -13.6546, 39.7307



110.1880, -2.0647, -37.8759



99.6130, 23.3618, -73.3286

Sweetspot

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



123.6910, 5.5753, 31.8430



194.3590, 2.2880, 12.8402



116.9730, 21.2123, 9.6707



96.0980, 1.4307, 7.8071



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.



123.6910, 5.5753, 31.8430



151.7240, 9.0101, 50.2311



120.4990, -6.6550, 34.6424



73.9620, 1.0047, 4.4183



51.8770, 13.8646, 79.9149



5.5110, 1.7201, 8.3219

Inverse Universe

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



123.6910, 5.5753, 31.8430



151.7240, 9.0101, 50.2311



142.5010, 6.6550, -34.6424



73.9620, 1.0047, 4.4183



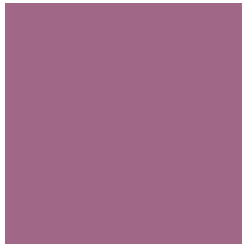
51.8770, 13.8646, 79.9149



5.5110, 1.7201, 8.3219

Previews

White Background



This preview shows how the YUV color 123.6910, 5.5753, 31.8430 looks on a white background.

Color Contrast Check

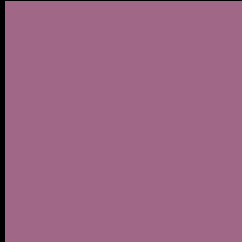
Large Text (above 18pt) WCAG AA ✓ Pass

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 123.6910, 5.5753, 31.8430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

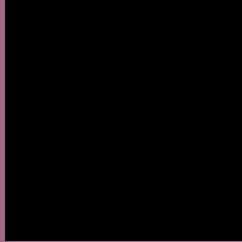
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 123.6910, 5.5753, 31.8430

Background



This preview shows how black text looks on a background with the YUV color 123.6910, 5.5753, 31.8430.



This preview shows how white text looks on a background with the YUV color 123.6910, 5.5753,

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

123.6910, 5.5753, 31.8430

Protanopia

121.4690, 12.0938, -5.6733

Deuteranopia

121.7000, 5.0779, 4.6481



Tritanopia

123.1610, -4.0234, 30.5538

Trichromacy



Original Color

123.6910, 5.5753, 31.8430

Protanomaly

122.2750, 9.7244, 7.6518

Deuteranomaly

122.4670, 5.1928, 14.4994

Tritanomaly

123.6710, -0.8238, 30.9835

Monochromacy



Original Color

123.6910, 5.5753, 31.8430

Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

123.6470, 2.1460, 11.7106

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.6910, 5.5753, 31.8430 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(160, 103, 135)` looks like.

```
.text, #text, p{  
    color:rgb(160, 103, 135)  
}
```

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(160, 103, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 103, 135) }
```

Border

The CSS property to change the border of an element to YUV 123.6910, 5.5753, 31.8430 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(160, 103, 135) }
```


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

```
.border{ border-color:rgb(160, 103, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 103, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 103, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 103, 135);  
box-shadow:4px 4px 4px 4px rgb(160, 103,  
135) }
```

Background

The CSS property to change the background color of an element to YUV 123.6910, 5.5753, 31.8430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 103, 135) }
```

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

```
.background{ background-color: rgb(160,  
103, 135) }
```

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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