

Converting Colors

YUV(128.4990, 23.4180, 2.1934)

Have a look what the booklet for
YUV(128.4990, 23.4180, 2.1934)
contains.

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Color

**YUV(128.4990, 23.4180,
2.1934)**

Conversions

Conversions Part 1

Format	Color
Hex	8376B0
RGB	131, 118, 176
RGB Percent	51%, 46%, 69%
CMY	0.4863, 0.5373, 0.3098
CMYK	0.26, 0.33, 0.00, 0.31
HSL	253°, 27%, 58%
HSV	253°, 33%, 69%
XYZ	23.6750, 20.9168, 43.8638
YIQ	128.4990, -10.8700, 20.7940

Conversions

Conversions Part 2

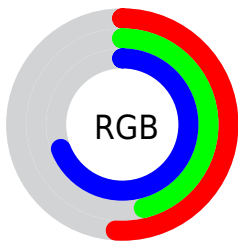
Format	Color
R_{YB}	131, 118, 176
Decimal	8615600
CIE _{Lab}	52.86, 17.79, -28.99
CIE _{LCh}	53, 34.015, 301.541
Yxy	20.9168, 0.2676, 0.2365
Android (android.graphics.Color)	4286805680 (0xFF8376B0)
YUV	128.4990, 23.4180, 2.1934
Hunter-Lab	45.7348, 12.3659, -24.8501

Details

The YUV color **128.4990, 23.4180, 2.1934** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **165.5010, -23.4180, -2.1934**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.5530, 24.8704, 3.0230**, and **79.0320, 21.6762, 0.8489** is the 20% darker color. If you saturate the color by 10%, you get **113.7470, 30.6907, 2.8529**, and if you desaturate by 10%, it is **143.2510, 16.1453, 1.5339**.

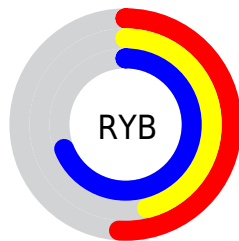
Distribution



Red (51%)

Green (46%)

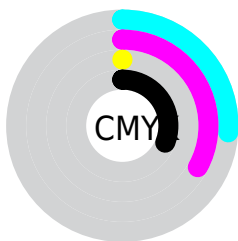
Blue (69%)



Red (51%)

Yellow (46%)

Blue (69%)

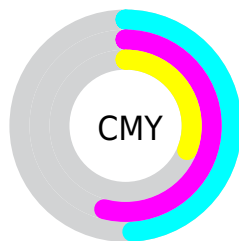


Cyan (26%)

Magenta (33%)

Yellow (0%)

Black (31%)



Cyan (49%)

Magenta (54%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.4990, 23.4180, 2.1934 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 128.4990, 23.4180, 2.1934 by changing the saturation by 10% instead.

■ 128.4990, 23.4180,
2.1934

■ 128.4990, 23.4180,
2.1934

■ 255.0000, 0.0000,
0.0000

■ 102.9720, 22.6918,
1.7786

■ 181.5530, 24.8704,
3.0230

■ 79.0320, 21.6762,
0.8489

■ 208.3960, 22.9758,
4.0377

■ 55.5050, 20.9500,
0.4341

■ 233.5030, 10.5980,
7.4519

■ 32.9670, 20.2293,
-1.7251

■ 254.4130, 0.2894,
0.5148

■ 8.8040, 20.8026,
1.0489

■ 4.4800, 12.0884,
-3.9290

■ 0.0000, 0.0000,

0.0000

■ 128.4990, 23.4180,
2.1934

■ 128.4990, 23.4180,
2.1934

■ 113.7470, 30.6907,
2.8529

■ 143.2510, 16.1453,
1.5339

■ 99.8810, 37.5267,
3.6124

■ 157.1170, 9.3093,
0.7744

■ 85.1290, 44.7994,
4.2719

■ 171.8690, 2.0366,
0.1149

■ 70.9640, 51.7827,
4.4166

■ 186.0340, -4.9468,
-0.0298

■ 56.5110, 58.9081,
5.6909

■ 200.4870,
-12.0721, -1.3041

■ 41.7590, 66.1808,
6.3504

■ 215.2390,
-19.3448, -1.9636

■ 31.7250, 71.1276,
6.3802

■ 229.4040,
-26.3282, -2.1083

■ 241.5090,
-32.2959, -1.3234

■ 245.6950,
-34.3596, 7.2835

Harmonies

Analogous

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



121.5160, 30.8046, -33.7785



128.4990, 23.4180, 2.1934



130.1020, 12.2747, 29.7285

Triad

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



128.4990, 23.4180, 2.1934



125.9880, -25.1371, 35.9675



104.7200, 10.9840, -69.9144

Complementary

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



128.4990, 23.4180, 2.1934



165.5010, -23.4180, -2.1934

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.



115.6740, -9.2063, -33.9171



128.4990, 23.4180, 2.1934



123.7700, -27.9876, 16.8647

Square

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



128.4990, 23.4180, 2.1934



127.3990, -14.9867, 47.0081



120.4080, -22.3861, -6.4968



100.5510, 27.3364, -88.1832

Rectangle

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



128.4990, 23.4180, 2.1934



129.4750, 3.2168, 41.6794



120.4080, -22.3861, -6.4968



109.8590, 3.5205, -56.0043

Sweetspot

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



128.4990, 23.4180, 2.1934



211.1170, 9.3093, 0.7744



151.0270, 12.3117, -28.9647



103.4930, 5.6730, 0.4446



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



128.4990, 23.4180, 2.1934



154.4680, 37.2373, 3.0976



137.1700, 19.1432, 20.0219



81.6240, 3.6364, 0.3298



27.6080, 61.8183, 5.6058



4.7580, 10.4723, 1.0892

Inverse Universe

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



140.4720, 11.1063, 31.1581



173.6020, 17.4512, 49.4610



156.8300, -19.1432, -20.0219



83.4890, 1.7309, 4.8331



59.3130, 29.4257, 82.1635



10.0540, 4.9034, 13.9846

Previews

White Background



This preview shows how the YUV color 128.4990, 23.4180, 2.1934 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 128.4990, 23.4180, 2.1934 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

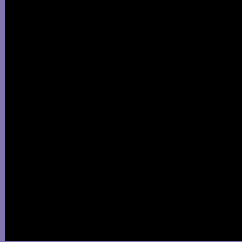
Any Text WCAG AA ✓ Pass

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 128.4990, 23.4180, 2.1934 Background



This preview shows how black text looks on a background with the YUV color 128.4990, 23.4180, 2.1934.



This preview shows how white text looks on a background with the YUV color 128.4990, 23.4180,

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

128.4990, 23.4180, 2.1934

Protanopia

125.7140, 27.2560, -15.5352

Deuteranopia

126.2150, 24.0510, -14.2206



Tritanopia

126.2430, 4.8102, -2.8441

Trichromacy



Original Color

128.4990, 23.4180, 2.1934

Protanomaly

126.7040, 25.7819, -9.3874

Deuteranomaly

126.8460, 23.7399, -7.7579

Tritanomaly

127.0890, 11.7881, -0.9551

Monochromacy



Original Color

128.4990, 23.4180, 2.1934

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

127.8890, 8.4357, 0.9743

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.4990, 23.4180, 2.1934 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(131, 118, 176)` looks like.

```
.text, #text, p{  
    color:rgb(131, 118, 176)  
}
```

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(131, 118, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 118, 176) }
```

Border

The CSS property to change the border of an element to YUV 128.4990, 23.4180, 2.1934 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(131, 118, 176) }
```


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

```
.border{ border-color:rgb(131, 118, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 118, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 118, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 118, 176);  
box-shadow:4px 4px 4px 4px rgb(131, 118,  
176) }
```

Background

The CSS property to change the background color of an element to YUV 128.4990, 23.4180, 2.1934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 118, 176) }
```

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

```
.background{ background-color: rgb(131,  
118, 176) }
```

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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