

Converting Colors

YUV(132.3210, 23.5057,
20.7665)

Have a look what the booklet for
YUV(132.3210, 23.5057, 20.7665)
contains.

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Color

**YUV(132.3210, 23.5057,
20.7665)**

Conversions

Conversions Part 1

Format	Color
Hex	9C6FB4
RGB	156, 111, 180
RGB Percent	61%, 44%, 71%
CMY	0.3882, 0.5647, 0.2941
CMYK	0.13, 0.38, 0.00, 0.29
HSL	279°, 32%, 57%
HSV	279°, 38%, 71%
XYZ	27.6330, 21.7321, 45.9183
YIQ	132.3210, 4.6710, 30.9990

Conversions

Conversions Part 2

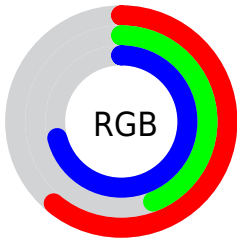
Format	Color
R_{YB}	156, 111, 180
Decimal	10252212
CIE _{Lab}	53.74, 30.62, -29.74
CIE _{LCh}	54, 42.686, 315.840
Yxy	21.7321, 0.2900, 0.2281
Android (android.graphics.Color)	4288442292 (0xFF9C6FB4)
YUV	132.3210, 23.5057, 20.7665
Hunter-Lab	46.6177, 24.2262, -25.7681

Details

The YUV color **132.3210, 23.5057, 20.7665** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **158.6790, -23.5057, -20.7665**, and the grayscale version is **132.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **185.6740, 24.8107, 22.2109**, and **81.6690, 22.3482, 18.7073** is the 20% darker color. If you saturate the color by 10%, you get **119.9610, 29.5992, 26.3442**, and if you desaturate by 10%, it is **144.6810, 17.4123, 15.1888**.

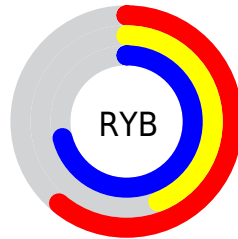
Distribution



Red (61%)

Green (44%)

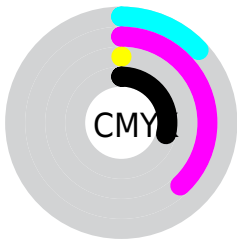
Blue (71%)



Red (61%)

Yellow (44%)

Blue (71%)

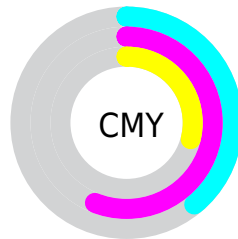


Cyan (13%)

Magenta (38%)

Yellow (0%)

Black (29%)



Cyan (39%)


Magenta (56%)


Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 132.3210, 23.5057, 20.7665 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 132.3210, 23.5057, 20.7665 by changing the saturation by 10% instead.


 132.3210, 23.5057,
20.7665


 132.3210, 23.5057,
20.7665


255.0000, 0.0000,
0.0000


 106.4950, 22.9270,
19.7369


 185.6740, 24.8107,
22.2109

 81.6690, 22.3482,
18.7073


 212.9470, 20.7321,
23.7255


 57.8430, 21.7694,
17.6777

 233.8680, 10.4181,
18.5328

 34.3160, 21.0432,
17.2629

 250.3040, 2.3151,
4.1184

 15.7240, 18.8701,
14.2741

 3.6480, 13.9775,
-3.1993

 0.4560, 1.7472,

-0.3999

■ 0.0000, 0.0000,
0.0000

■ 132.3210, 23.5057,
20.7665

■ 132.3210, 23.5057,
20.7665

■ 119.9610, 29.5992,
26.3442

■ 144.6810, 17.4123,
15.1888

■ 107.3020, 35.8401,
31.3071

■ 157.3400, 11.1714,
10.2258

■ 94.9420, 41.9336,
36.8849

■ 169.7000, 5.0779,
4.6481

■ 82.5820, 48.0271,
42.4626

■ 182.0600, -1.0156,
-0.9296

■ 70.2220, 54.1206,
48.0403

■ 194.4200, -7.1091,
-6.5073

■ 57.5630, 60.3614,
53.0032

■ 207.0790,
-13.3499, -11.4703

■ 55.5030, 61.3770,
53.9329

■ 219.4390,
-19.4434, -17.0480

■ 231.7990,
-25.5369, -22.6257

■ 233.5930,
-26.4213, -18.9371

Harmonies

Analogous

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



126.8470, 35.5714, -22.6678



132.3210, 23.5057, 20.7665



131.0830, 7.8471, 49.9162

Triad

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



132.3210, 23.5057, 20.7665



126.1590, -34.5884, 34.0636



103.0470, 21.6688, -90.3722

Complementary

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



132.3210, 23.5057, 20.7665



158.6790, -23.5057, -20.7665

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.



102.9120, 3.0014, -76.2218



132.3210, 23.5057, 20.7665



123.3960, -34.2122, 6.6687

Square

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



132.3210, 23.5057, 20.7665



127.7990, -25.0439, 52.7963



117.9280, -21.1635, -25.3699



105.0480, 36.9513, -92.1271

Rectangle

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



132.3210, 23.5057, 20.7665



129.8640, -3.3840, 58.8783



117.9280, -21.1635, -25.3699



101.6790, 16.4273, -89.1725

Sweetspot

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



132.3210, 23.5057, 20.7665



214.9870, 9.8664, 8.7814



132.9540, 23.1937, -19.2537



106.1130, 5.3673, 5.1629



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



132.3210, 23.5057, 20.7665



160.2420, 36.8557, 32.2368



138.3570, 15.6000, 36.5209



82.8200, 3.0467, 2.7889



47.3420, 52.0894, 46.1811



8.0470, 8.8508, 7.8518

Inverse Universe

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



134.3670, 0.3121, 40.0201



163.5100, 0.2416, 62.6967



152.6430, -15.6000, -36.5209



83.0330, -0.0163, 5.2331



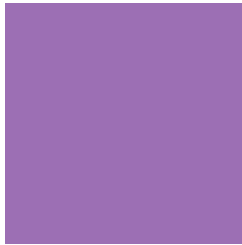
51.7890, 0.5970, 88.7620



8.8000, 0.0986, 15.0844

Previews

White Background



This preview shows how the YUV color 132.3210, 23.5057, 20.7665 looks on a white background.

Color Contrast Check

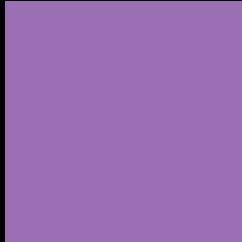
Large Text (above 18pt) WCAG AA ✓ Pass

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 132.3210, 23.5057, 20.7665 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

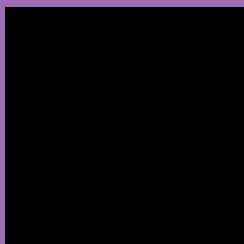
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 132.3210, 23.5057, 20.7665

Background



This preview shows how black text looks on a background with the YUV color 132.3210, 23.5057, 20.7665.



This preview shows how white text looks on a background with the YUV color 132.3210, 23.5057,

20.7665.

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

132.3210, 23.5057, 20.7665

Protanopia

128.2450, 31.9242, -19.5089

Deuteranopia

128.5140, 23.9036, -13.6058



Tritanopia

130.2130, 0.3880, 15.5992

Trichromacy



Original Color

132.3210, 23.5057, 20.7665

Protanomaly

129.5350, 28.8232, -4.8542

Deuteranomaly

129.8900, 23.7182, -0.7805

Tritanomaly

130.8140, 8.9657, 17.7031

Monochromacy



Original Color

132.3210, 23.5057, 20.7665

Achromatopsia

132.0000, 0.0000, 0.0000

Achromatomaly

131.9330, 8.4140, 7.9518

CSS Examples

Text

The CSS property to change the color of the text to YUV 132.3210, 23.5057, 20.7665 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(156, 111, 180)` looks like.

```
.text, #text, p{  
    color:rgb(156, 111, 180)  
}
```

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(156, 111, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 111, 180) }
```

Border

The CSS property to change the border of an element to YUV 132.3210, 23.5057, 20.7665 is called "border". The border property can be set on classes, ids or directly on the HTML element.

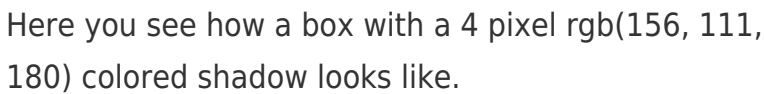
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(156, 111, 180) }
```


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

```
.border{ border-color:rgb(156, 111, 180) }
```

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



Here you see how a box with a 4 pixel `rgb(156, 111, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 111, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 111, 180);  
box-shadow:4px 4px 4px 4px rgb(156, 111,  
180) }
```

Background

The CSS property to change the background color of an element to YUV 132.3210, 23.5057, 20.7665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 111, 180) }
```

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

```
.background{ background-color: rgb(156,  
111, 180) }
```

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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