

Converting Colors

YUV(125.0900, 33.9726,
23.6001)

Have a look what the booklet for
YUV(125.0900, 33.9726, 23.6001)
contains.

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Color

**YUV(125.0900, 33.9726,
23.6001)**

Conversions

Conversions Part 1

Format	Color
Hex	9862C2
RGB	152, 98, 194
RGB Percent	60%, 38%, 76%
CMY	0.4039, 0.6157, 0.2392
CMYK	0.22, 0.49, 0.00, 0.24
HSL	274°, 44%, 57%
HSV	274°, 49%, 76%
XYZ	27.0542, 19.3058, 53.3394
YIQ	125.0900, 1.3680, 41.3040

Conversions

Conversions Part 2

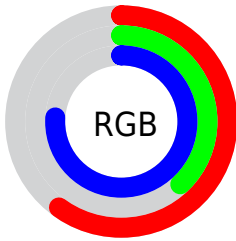
Format	Color
R_{YB}	152, 98, 194
Decimal	9986754
CIE _{Lab}	51.04, 39.92, -42.07
CIE _{LCh}	51, 57.999, 313.501
Yxy	19.3058, 0.2714, 0.1936
Android (android.graphics.Color)	4288176834 (0xFF9862C2)
YUV	125.0900, 33.9726, 23.6001
Hunter-Lab	43.9384, 33.0157, -41.2188

Details

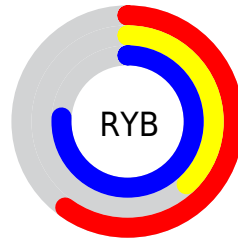
The YUV color **125.0900, 33.9726, 23.6001** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **166.9100, -33.9726, -23.6001**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.8560, 35.5670, 25.5593**, and **74.0250, 32.5257, 21.0261** is the 20% darker color. If you saturate the color by 10%, you get **111.5450, 40.6503, 28.4630**, and if you desaturate by 10%, it is **138.6350, 27.2949, 18.7371**.

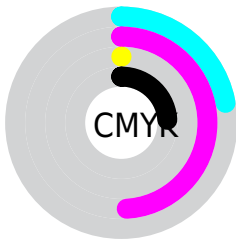
Distribution



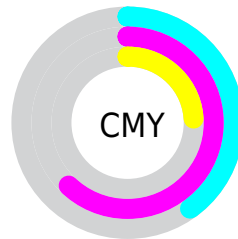
- Red (60%)
- Green (38%)
- Blue (76%)



- Red (60%)
- Yellow (38%)
- Blue (76%)



- Cyan (22%)
- Magenta (49%)
- Yellow (0%)
- Black (24%)



- Cyan (40%)
- Magenta (62%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 125.0900, 33.9726, 23.6001 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 125.0900, 33.9726, 23.6001 by changing the saturation by 10% instead.

■ 125.0900, 33.9726,
23.6001

■ 125.0900, 33.9726,
23.6001

■ 255.0000, 0.0000,
0.0000

■ 99.2640, 33.3938,
22.5705

■ 178.8560, 35.5670,
25.5593

■ 74.0250, 32.5257,
21.0261

■ 203.8320, 25.2258,
29.0883

■ 48.6120, 32.2363,
20.5113

■ 225.6500, 14.4696,
25.7400

■ 23.9000, 32.0943,
19.3817

■ 242.6730, 6.0772,
10.8108

■ 14.5860, 24.8541,
8.2561

■ 5.9620, 17.7667,
-5.2287

■ 2.8670, 8.4466,

-2.5144

■ 0.0000, 0.0000,
0.0000

■ 125.0900, 33.9726,
23.6001

■ 125.0900, 33.9726,
23.6001

■ 111.5450, 40.6503,
28.4630

■ 138.6350, 27.2949,
18.7371

■ 97.1140, 47.7648,
33.2260

■ 153.0660, 20.1805,
13.9741

■ 83.5690, 54.4425,
38.0890

■ 166.6110, 13.5028,
9.1112

■ 69.1380, 61.5570,
42.8520

■ 181.0420, 6.3883,
4.3482

■ 55.5930, 68.2347,
47.7149

■ 194.5870, -0.2894,
-0.5148

■ 54.7070, 68.6714,
47.6150

■ 208.4310, -7.1145,
-4.7630

■ 222.5630,
-14.0816, -10.1408

■ 236.4070,
-20.9067, -14.3889

■ 239.9730,
-22.6647, -10.5003

Harmonies

Analogous

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



112.0360, 52.2403, -49.1436



125.0900, 33.9726, 23.6001



121.0170, 14.7816, 65.7601

Triad

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



125.0900, 33.9726, 23.6001



115.5830, -51.0664, 45.9697



101.4170, 20.5004, -88.9427

Complementary

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



125.0900, 33.9726, 23.6001



166.9100, -33.9726, -23.6001

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.



94.4290, -1.1975, -82.8142



125.0900, 33.9726, 23.6001



111.3370, -54.8891, 11.9825

Square

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



125.0900, 33.9726, 23.6001



117.1280, -30.6291, 70.9247



105.3540, -30.7405, -33.6365



104.9000, 41.4613, -91.9973

Rectangle

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



125.0900, 33.9726, 23.6001



117.6200, 0.1873, 80.1403



105.3540, -30.7405, -33.6365



98.8920, 13.3642, -86.7283

Sweetspot

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



125.0900, 33.9726, 23.6001



225.4970, 13.0660, 9.2111



134.1850, 29.4888, -31.7342



111.2100, 8.2775, 5.0778



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



125.0900, 33.9726, 23.6001



145.6890, 52.4113, 36.2297



137.0780, 25.5975, 49.9206



89.9340, 3.4835, 2.6889



45.2640, 57.0578, 39.2335



9.4430, 11.6136, 8.3815

Inverse Universe

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



131.4920, 4.1944, 54.8195



155.6620, 6.5756, 84.4884



154.9220, -25.5975, -49.9206



90.4460, 0.2731, 5.7479



56.1190, 6.8433, 91.9806



11.5770, 1.6875, 18.7880

Previews

White Background



This preview shows how the YUV color 125.0900, 33.9726, 23.6001 looks on a white background.

Color Contrast Check

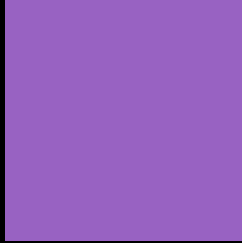
Large Text (above 18pt) WCAG AA ✓ Pass

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 125.0900, 33.9726, 23.6001 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

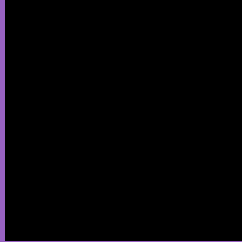
Any Text WCAG AA ✓ Pass

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 125.0900, 33.9726, 23.6001 Background



This preview shows how black text looks on a background with the YUV color 125.0900, 33.9726, 23.6001.



This preview shows how white text looks on a background with the YUV color 125.0900, 33.9726,

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

125.0900, 33.9726, 23.6001

Protanopia

117.7560, 46.9553, -33.9890

Deuteranopia

119.1730, 34.4247, -28.2157



Tritanopia

123.5010, 0.2460, 14.4696

Trichromacy



Original Color

125.0900, 33.9726, 23.6001

Protanomaly

120.3350, 42.2328, -12.5718

Deuteranomaly

121.2940, 34.3651, -9.0278

Tritanomaly

124.0250, 12.3127, 17.5181

Monochromacy



Original Color

125.0900, 33.9726, 23.6001

Achromatopsia

125.0000, 0.0000, 0.0000

Achromatomaly

124.9700, 12.3398, 8.7963

CSS Examples

Text

The CSS property to change the color of the text to YUV 125.0900, 33.9726, 23.6001 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(152, 98, 194)` looks like.

```
.text, #text, p{  
    color:rgb(152, 98, 194)  
}
```

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(152, 98, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 98, 194) }
```

Border

The CSS property to change the border of an element to YUV 125.0900, 33.9726, 23.6001 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(152, 98, 194) }
```


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

```
.border{ border-color:rgb(152, 98, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 98, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(152, 98, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(152, 98, 194); box-shadow:4px 4px 4px 4px rgb(152, 98, 194) }
```

Background

The CSS property to change the background color of an element to YUV 125.0900, 33.9726, 23.6001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 98, 194) }
```

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

```
.background{ background-color: rgb(152, 98,  
194) }
```

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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