

Converting Colors

YUV(98.8660, 23.7301, 42.2135)

Have a look what the booklet for
YUV(98.8660, 23.7301, 42.2135)
contains.

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Color

**YUV(98.8660, 23.7301,
42.2135)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 934193 |
| RGB | 147, 65, 147 |
| RGB Percent | 58%, 25%, 58% |
| CMY | 0.4235, 0.7451, 0.4235 |
| CMYK | 0.00, 0.56, 0.00, 0.42 |
| HSL | 300°, 39%, 42% |
| HSV | 300°, 56%, 58% |
| XYZ | 19.1894, 12.0902, 28.9260 |
| YIQ | 98.8660, 22.5500, 42.8860 |

Conversions

Conversions Part 2

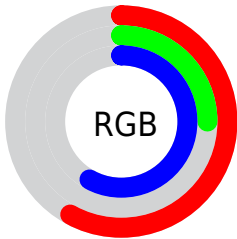
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 147, 65, 147 |
| Decimal | 9650579 |
| CIE _{Lab} | 41.36, 46.08, -29.67 |
| CIE _{LCh} | 41, 54.812, 327.221 |
| Yxy | 12.0902, 0.3187, 0.2008 |
| Android (android.graphics.Color) | 4287840659 (0xFF934193) |
| YUV | 98.8660, 23.7301, 42.2135 |
| Hunter-Lab | 34.7710, 37.6611, -24.9837 |

Details

The YUV color **98.8660, 23.7301, 42.2135** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **113.1340, -23.7301, -42.2135**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.2900, 24.0140, 44.4727**, and **42.5720, 26.3400, 45.1024** is the 20% darker color. If you saturate the color by 10%, you get **90.0610, 28.0709, 49.9355**, and if you desaturate by 10%, it is **107.6710, 19.3892, 34.4915**.

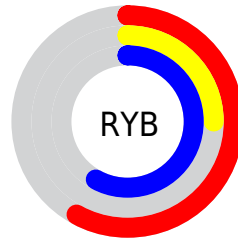
Distribution



Red (58%)

Green (25%)

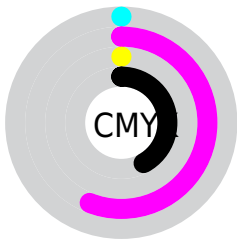
Blue (58%)



Red (58%)

Yellow (25%)

Blue (58%)

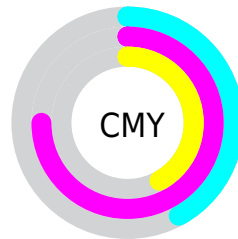


Cyan (0%)

Magenta (56%)

Yellow (0%)

Black (42%)



Cyan (42%)

Magenta (75%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 98.8660, 23.7301, 42.2135 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 98.8660, 23.7301, 42.2135 by changing the saturation by 10% instead.

■ 98.8660, 23.7301,
42.2135

■ 98.8660, 23.7301,
42.2135

■ 255.0000, 0.0000,
0.0000

■ 72.5670, 23.8775,
41.5987

■ 152.2900, 24.0140,
44.4727

■ 42.5720, 26.3400,
45.1024

■ 180.1160, 24.5928,
45.5023

■ 28.5400, 21.4258,
34.6064

■ 205.6920, 24.3088,
43.2431

■ 19.3400, 14.6224,
23.3808

■ 222.1280, 16.2059,
28.8287

■ 4.8720, 10.9091,
0.9893

■ 239.1510, 7.8136,
13.8996

■ 0.0000, 0.0000,
0.0000

■ 98.8660, 23.7301,
42.2135

■ 98.8660, 23.7301,
42.2135

■ 90.0610, 28.0709,
49.9355

■ 107.6710, 19.3892,
34.4915

■ 81.8430, 32.1224,
57.1427

■ 115.8890, 15.3377,
27.2843

■ 73.0380, 36.4633,
64.8647

■ 124.6940, 10.9969,
19.5624

■ 64.2330, 40.8041,
72.5867

■ 133.4990, 6.6560,
11.8404

■ 60.7110, 42.5405,
75.6755


■ 142.3040, 2.3151,
4.1184

■ 150.5220, -1.7363,
-3.0888

■ 159.3270, -6.0772,
-10.8108

■ 168.1320,

-10.4181, -18.5328

 176.3500,
-14.4695, -25.7399

Harmonies

Analogous

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



97.0750, 39.8960, -9.7128



98.8660, 23.7301, 42.2135



92.0580, 5.8874, 71.8631

Triad

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



98.8660, 23.7301, 42.2135



91.3570, -45.0390, 25.9969



84.9980, 26.1300, -74.5432

Complementary

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



98.8660, 23.7301, 42.2135



113.1340, -23.7301, -42.2135

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.



79.1670, 6.3267, -69.4295



98.8660, 23.7301, 42.2135



86.1310, -42.4626, -7.1309

Square

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



98.8660, 23.7301, 42.2135



92.3080, -37.1268, 54.9809



72.0480, -13.3347, -63.1861



86.6400, 42.5755, -75.9833

Rectangle

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



98.8660, 23.7301, 42.2135



90.7090, -8.2375, 75.6772



72.0480, -13.3347, -63.1861



83.2880, 19.5780, -73.0436

Sweetspot

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



98.8660, 23.7301, 42.2135



172.2160, 9.2605, 16.4736



74.3480, 35.8174, -8.1982



85.8470, 5.4984, 9.7812



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



98.8660, 23.7301, 42.2135



115.8640, 37.0420, 65.8943



94.1920, 5.8213, 46.3126



69.8910, 2.0257, 3.6036



56.9940, 39.9360, 71.0423



4.1300, 2.8939, 5.1480

Inverse Universe

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



98.8660, 23.7301, 42.2135



115.8640, 37.0420, 65.8943



117.8080, -5.8213, -46.3126



69.8910, 2.0257, 3.6036



56.9940, 39.9360, 71.0423



4.1300, 2.8939, 5.1480

Previews

White Background



This preview shows how the YUV color 98.8660, 23.7301, 42.2135 looks on a white 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

Black Background



This preview shows how the YUV color 98.8660, 23.7301, 42.2135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

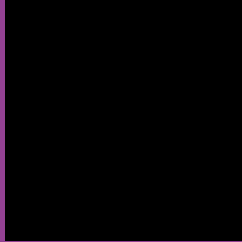
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 98.8660, 23.7301, 42.2135

Background



This preview shows how black text looks on a background with the YUV color 98.8660, 23.7301, 42.2135.



This preview shows how white text looks on a background with the YUV color 98.8660, 23.7301,

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

98.8660, 23.7301, 42.2135

Protanopia

94.7260, 39.0821, -28.7007

Deuteranopia

97.2320, 21.5776, -14.2355



Tritanopia

99.3250, -6.0762, 35.6720

Trichromacy



Original Color

98.8660, 23.7301, 42.2135

Protanomaly

96.3980, 33.3278, -2.9800

Deuteranomaly

97.5920, 22.3861, 6.4968

Tritanomaly

99.2080, 4.8275, 38.4056

Monochromacy



Original Color

98.8660, 23.7301, 42.2135

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

98.9770, 8.3923, 14.9292

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.8660, 23.7301, 42.2135 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(147, 65, 147)` looks like.

```
.text, #text, p{  
    color:rgb(147, 65, 147)  
}
```

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(147, 65, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 65, 147) }
```

Border

The CSS property to change the border of an element to YUV 98.8660, 23.7301, 42.2135 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(147, 65, 147) }
```


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

```
.border{ border-color:rgb(147, 65, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 65, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 65, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 65, 147);  
box-shadow:4px 4px 4px 4px rgb(147, 65,  
147) }
```

Background

The CSS property to change the background color of an element to YUV 98.8660, 23.7301, 42.2135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 65, 147) }
```

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

```
.background{ background-color: rgb(147, 65,  
147) }
```

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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