

Converting Colors

YUV(99.1660, 22.1032, 50.7204)

Have a look what the booklet for
YUV(99.1660, 22.1032, 50.7204)
contains.

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Color

**YUV(99.1660, 22.1032,
50.7204)**

Conversions

Conversions Part 1

Format	Color
Hex	9D3D90
RGB	157, 61, 144
RGB Percent	62%, 24%, 56%
CMY	0.3843, 0.7608, 0.4353
CMYK	0.00, 0.61, 0.08, 0.38
HSL	308°, 44%, 43%
HSV	308°, 61%, 62%
XYZ	20.6074, 12.5192, 27.7159
YIQ	99.1660, 30.5730, 46.1650

Conversions

Conversions Part 2

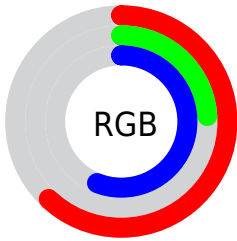
Format	Color
R_{YB}	157, 61, 144
Decimal	10304912
CIE _{Lab}	42.03, 50.25, -26.70
CIE _{LCh}	42, 56.901, 332.015
Yxy	12.5192, 0.3387, 0.2058
Android (android.graphics.Color)	4288494992 (0xFF9D3D90)
YUV	99.1660, 22.1032, 50.7204
Hunter-Lab	35.3825, 42.0423, -21.6754

Details

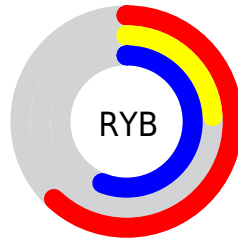
The YUV color **99.1660, 22.1032, 50.7204** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **118.8340, -22.1032, -50.7204**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.4760, 21.9503, 53.0795**, and **41.3990, 25.4393, 54.0241** is the 20% darker color. If you saturate the color by 10%, you get **89.5460, 25.8598, 59.1572**, and if you desaturate by 10%, it is **108.7860, 18.3465, 42.2837**.

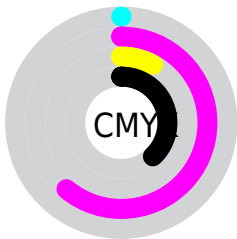
Distribution



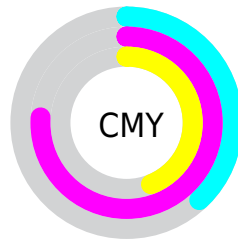
- Red (62%)
- Green (24%)
- Blue (56%)



- Red (62%)
- Yellow (24%)
- Blue (56%)



- Cyan (0%)
- Magenta (61%)
- Yellow (8%)
- Black (38%)



- Cyan (38%)
- Magenta (76%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 99.1660, 22.1032, 50.7204 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 99.1660, 22.1032, 50.7204 by changing the saturation by 10% instead.

99.1660, 22.1032,
50.7204

99.1660, 22.1032,
50.7204

255.0000, 0.0000,
0.0000

71.3940, 22.9768,
50.5205

153.4760, 21.9503,
53.0795

41.3990, 25.4393,
54.0241

181.1880, 22.0923,
54.2091

30.5900, 18.9361,
39.8246

204.5180, 24.8876,
44.2727

21.2050, 12.7169,
27.8842

220.9540, 16.7847,
29.8583

9.4280, 7.6770,
11.0256

237.9770, 8.3923,
14.9292

0.0000, 0.0000,
0.0000

99.1660, 22.1032,
50.7204

99.1660, 22.1032,
50.7204

89.5460, 25.8598,
59.1572

108.7860, 18.3465,
42.2837

80.5130, 29.3271,
67.0791

117.8190, 14.8792,
34.3617

70.8930, 33.0838,
75.5158

127.4390, 11.1226,
25.9250

62.4470, 36.2616,
82.9230

137.1730, 7.8027,
17.3883

146.7930, 4.0461,
8.9515

155.8260, 0.5788,
1.0296

165.4460, -3.1779,
-7.4071

175.0660, -6.9345,

-15.8439

■ 184.0990,
-10.4018, -23.7658

Harmonies

Analogous

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



100.5000, 38.7005, 0.4385



99.1660, 22.1032, 50.7204



91.9940, 2.9610, 77.1813

Triad

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



99.1660, 22.1032, 50.7204



92.5090, -45.6069, 21.4786



87.3120, 29.9192, -76.5726

Complementary

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



99.1660, 22.1032, 50.7204



118.8340, -22.1032, -50.7204

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.



81.9540, 9.3897, -71.8737



99.1660, 22.1032, 50.7204



85.2010, -42.0041, -14.2083

Square

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



99.1660, 22.1032, 50.7204



93.4620, -44.1048, 53.0918



74.6070, -11.1453, -65.4303



88.2530, 46.2173, -77.3979

Rectangle

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



99.1660, 22.1032, 50.7204



91.3950, -12.0267, 77.7066



74.6070, -11.1453, -65.4303



85.6020, 23.3672, -75.0730

Sweetspot

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



99.1660, 22.1032, 50.7204



181.7110, 8.5235, 19.5475



75.8310, 40.0163, -1.6058



88.7440, 5.0562, 11.6255



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



99.1660, 22.1032, 50.7204



114.2570, 34.3833, 78.7046



93.6940, 1.1369, 55.5194



74.1900, 1.8783, 4.2184



56.7790, 32.6470, 75.6158



5.9670, 3.4673, 7.9219

Inverse Universe

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



99.1660, 22.1032, 50.7204



114.2570, 34.3833, 78.7046



124.3060, -1.1369, -55.5194



74.1900, 1.8783, 4.2184



56.7790, 32.6470, 75.6158



5.9670, 3.4673, 7.9219

Previews

White Background



This preview shows how the YUV color 99.1660, 22.1032, 50.7204 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 99.1660, 22.1032, 50.7204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

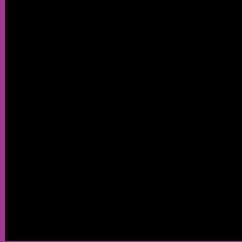
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 99.1660, 22.1032, 50.7204

Background



This preview shows how black text looks on a background with the YUV color 99.1660, 22.1032, 50.7204.



This preview shows how white text looks on a background with the YUV color 99.1660, 22.1032,

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

99.1660, 22.1032, 50.7204

Protanopia

96.3240, 38.7873, -27.4711

Deuteranopia

100.1570, 18.6566, -10.6617



Tritanopia

100.0980, -8.4293, 43.7641

Trichromacy



Original Color

99.1660, 22.1032, 50.7204

Protanomaly

97.3060, 32.8801, 0.6086

Deuteranomaly

99.6420, 19.8965, 11.7150

Tritanomaly

99.9810, 2.4744, 46.4977

Monochromacy



Original Color

99.1660, 22.1032, 50.7204

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

98.8850, 7.9447, 18.5179

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.1660, 22.1032, 50.7204 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(157, 61, 144)` looks like.

```
.text, #text, p{  
    color:rgb(157, 61, 144)  
}
```

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(157, 61, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 61, 144) }
```

Border

The CSS property to change the border of an element to YUV 99.1660, 22.1032, 50.7204 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(157, 61, 144) }
```


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

```
.border{ border-color:rgb(157, 61, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 61, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 61, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 61, 144);  
box-shadow:4px 4px 4px 4px rgb(157, 61,  
144) }
```

Background

The CSS property to change the background color of an element to YUV 99.1660, 22.1032, 50.7204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 61, 144) }
```

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

```
.background{ background-color: rgb(157, 61,  
144) }
```

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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