

Converting Colors

YIQ(100.9730, 24.1070, 53.2190)

Have a look what the booklet for
YIQ(100.9730, 24.1070, 53.2190)
contains.

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Color

**YIQ(100.9730, 24.1070,
53.2190)**

Conversions

Conversions Part 1

Format	Color
Hex	9D3CA5
RGB	157, 60, 165
RGB Percent	62%, 24%, 65%
CMY	0.3840, 0.7648, 0.3529
CMYK	0.05, 0.64, 0.00, 0.35
HSL	295°, 47%, 44%
HSV	295°, 64%, 65%
XYZ	22.3250, 13.1199, 36.9548
YIQ	100.9730, 24.1070, 53.2190

Conversions

Conversions Part 2

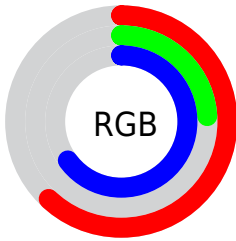
Format	Color
R_{YB}	157, 60, 165
Decimal	10304677
CIE _{Lab}	42.94, 54.43, -37.88
CIE _{LCh}	43, 66.317, 325.165
Yxy	13.1199, 0.3084, 0.1812
Android (android.graphics.Color)	4288494757 (0xFF9D3CA5)
YUV	100.9730, 31.5653, 49.1357
Hunter-Lab	36.2214, 46.6304, -35.1354

Details

The YIQ color **100.9730, 24.1070, 53.2190** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **124.0270, -24.1070, -53.2190**, and the grayscale version is **101.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **156.0980, 25.2530, 54.4770**, and **43.3800, 24.5190, 56.7670** is the 20% darker color. If you saturate the color by 10%, you get **90.6950, 28.1860, 61.8980**, and if you desaturate by 10%, it is **110.6640, 20.3030, 45.0630**.

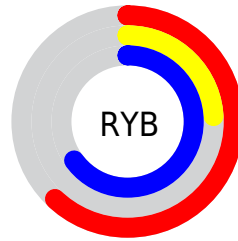
Distribution



Red (62%)

Green (24%)

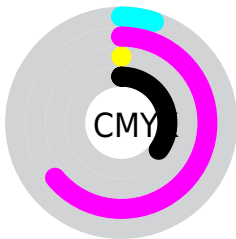
Blue (65%)



Red (62%)

Yellow (24%)

Blue (65%)

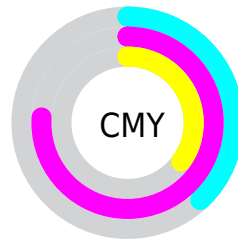


Cyan (5%)

Magenta (64%)

Yellow (0%)

Black (35%)



Cyan (38%)


Magenta (76%)


Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 100.9730, 24.1070, 53.2190 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 YIQ color 100.9730, 24.1070, 53.2190 by changing the saturation by 10% instead.


 100.9730, 24.1070,
53.2190


 100.9730, 24.1070,
53.2190


255.0000, -0.0000,
-0.0000


 72.5000, 24.0610,
54.0530

 156.0980, 25.2530,
54.4770


 43.3800, 24.5190,
56.7670


 183.8100, 26.1240,
55.2120

 32.7560, 17.0480,
43.4800


 204.5180, 23.6500,
44.9780

 22.5450, 9.8520,
30.7160

 220.9540, 15.9500,
30.3340

 11.5510, 0.5470,
17.6270

 237.9770, 7.9750,
15.1670

 2.6390, -6.0530,
5.0750

 0.0000, 0.0000,

0.0000

■ 100.9730, 24.1070,
53.2190

■ 100.9730, 24.1070,
53.2190

■ 90.6950, 28.1860,
61.8980

■ 110.6640, 20.3030,
45.0630

■ 81.0040, 31.9900,
70.0540

■ 121.2410, 16.8200,
36.5960

■ 70.4270, 35.4730,
78.5210

■ 130.9320, 13.0160,
28.4400

■ 64.5570, 38.2230,
83.7510

■ 141.2100, 8.9370,
19.7610

■ 150.9010, 5.1330,
11.6050

■ 161.4780, 1.6500,
3.1380

■ 171.1690, -2.1540,
-5.0180

■ 181.4470, -6.2330,
-13.6970

■ 191.1380,
-10.0370, -21.8530

Harmonies

Analogous

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



98.2720, -46.3590, 30.7050



100.9730, 24.1070, 53.2190



86.4270, 69.8630, 60.9910

Triad

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



100.9730, 24.1070, 53.2190



95.5210, 51.6760, -22.4360



90.1330, -81.5620, -19.6580

Complementary

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



100.9730, 24.1070, 53.2190



124.0270, -24.1070, -53.2190

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.



83.1620, -63.3110, -36.5510



100.9730, 24.1070, 53.2190



89.3650, 16.2840, -41.8280

Square

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



100.9730, 24.1070, 53.2190



92.5070, 81.7950, -1.0930



73.9740, -42.9510, -53.1190



93.5020, -95.1820, -4.0940

Rectangle

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



100.9730, 24.1070, 53.2190



84.2910, 84.4450, 50.0210



73.9740, -42.9510, -53.1190



88.0810, -75.7840, -25.2560

Sweetspot

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



100.9730, 24.1070, 53.2190



189.6230, 9.2120, 20.2840



77.2530, -36.1800, 27.9480



91.7270, 5.6830, 12.6510



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



100.9730, 24.1070, 53.2190



114.7310, 37.6730, 82.7050



98.3490, 42.9990, 41.2310



76.4180, 1.8790, 4.4950



56.5960, 33.3190, 73.5030



7.1350, 4.3540, 9.2020

Inverse Universe

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



92.3070, 60.0120, 24.7480



101.2190, 92.9750, 38.5990



126.6510, -42.9990, -41.2310



75.8050, 5.0430, 2.2190



44.6090, 82.8890, 34.1610



5.4960, 10.4070, 4.1270

Previews

White Background



This preview shows how the YIQ color 100.9730, 24.1070, 53.2190 looks on a white background.

Color Contrast Check

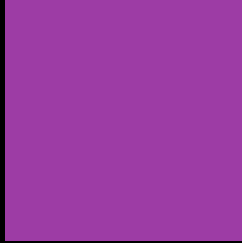
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 100.9730, 24.1070, 53.2190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

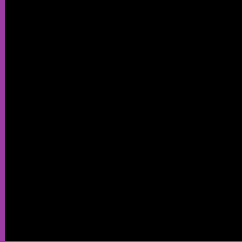
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 100.9730, 24.1070, 53.2190

Background



This preview shows how black text looks on a background with the YIQ color 100.9730, 24.1070, 53.2190.



This preview shows how white text looks on a background with the YIQ color 100.9730, 24.1070,

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

100.9730, 24.1070, 53.2190

Protanopia

91.9050, -70.6110, 18.6770

Deuteranopia

99.7130, -35.2600, 11.2680



Tritanopia

103.1190, 36.8140, 15.6460

Trichromacy



Original Color

100.9730, 24.1070, 53.2190

Protanomaly

95.3610, -36.3640, 31.2840

Deuteranomaly

100.5190, -13.6220, 26.6180

Tritanomaly

102.5120, 31.8140, 29.1740

Monochromacy



Original Color

100.9730, 24.1070, 53.2190

Achromatopsia

101.0000, -0.0000, 0.0000

Achromatomaly

100.7970, 8.6620, 19.2380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 100.9730, 24.1070, 53.2190 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, 60, 165)` looks like.

```
.text, #text, p{  
    color:rgb(157, 60, 165)  
}
```

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, 60, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 60, 165) }
```

Border

The CSS property to change the border of an element to YIQ 100.9730, 24.1070, 53.2190 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, 60, 165) }
```


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

```
.border{ border-color:rgb(157, 60, 165) }
```

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

Here you see how a box with a 4 pixel rgb(157, 60, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 60, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 60, 165);  
box-shadow:4px 4px 4px 4px rgb(157, 60,  
165) }
```

Background

The CSS property to change the background color of an element to YIQ 100.9730, 24.1070, 53.2190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 60, 165) }
```

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

```
.background{ background-color: rgb(157, 60,  
165) }
```

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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