

Converting Colors

YIQ(49.2630, 19.7540, 38.4900)

Have a look what the booklet for
YIQ(49.2630, 19.7540, 38.4900)
contains.

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Color

**YIQ(49.2630, 19.7540,
38.4900)**

Conversions

Conversions Part 1

Format	Color
Hex	5C135D
RGB	92, 19, 93
RGB Percent	36%, 7%, 36%
CMY	0.6390, 0.9256, 0.6353
CMYK	0.01, 0.80, 0.00, 0.64
HSL	299°, 66%, 22%
HSV	299°, 80%, 36%
XYZ	6.6276, 3.5333, 10.6899
YIQ	49.2630, 19.7540, 38.4900

Conversions

Conversions Part 2

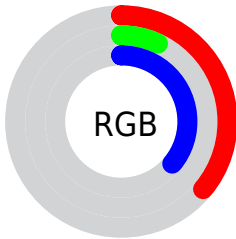
Format	Color
RYB	92, 19, 93
Decimal	6034269
CIELab	22.06, 41.73, -26.64
CIELCh	22, 49.505, 327.449
Yxy	3.5333, 0.3179, 0.1695
Android (android.graphics.Color)	4284224349 (0xFF5C135D)
YUV	49.2630, 21.5623, 37.4803
Hunter-Lab	18.7971, 30.0417, -20.5600

Details

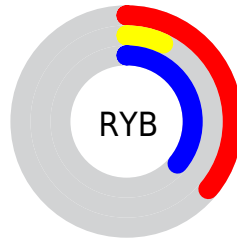
The YIQ color **49.2630, 19.7540, 38.4900** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **62.7370, -19.7540, -38.4900**, and the grayscale version is **49.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **101.4480, 20.6710, 38.3910**, and **18.5140, 11.1370, 23.9450** is the 20% darker color. If you saturate the color by 10%, you get **43.9800, 22.2290, 43.1970**, and if you desaturate by 10%, it is **54.5460, 17.2790, 33.7830**.

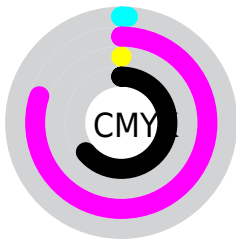
Distribution



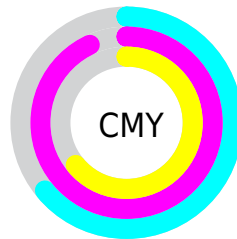
- Red (36%)
- Green (7%)
- Blue (36%)



- Red (36%)
- Yellow (7%)
- Blue (36%)



- Cyan (1%)
- Magenta (80%)
- Yellow (0%)
- Black (64%)



- Cyan (64%)
- Magenta (93%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 49.2630, 19.7540, 38.4900 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 49.2630, 19.7540, 38.4900 by changing the saturation by 10% instead.

49.2630, 19.7540,
38.4900

49.2630, 19.7540,
38.4900

255.0000, -0.0000,
-0.0000

27.8990, 17.7830,
35.6630

101.4480, 20.6710,
38.3910

18.5140, 11.1370,
23.9450

127.7470, 21.2670,
38.6030

4.3450, -5.0450,
8.8350

154.5730, 21.8170,
39.6490

0.0000, 0.0000,
0.0000


181.6980, 22.9630,
40.9070


209.2140, 21.4500,
40.7940


225.6500, 13.7500,


26.1500


 242.0860, 6.0500,
11.5060


 49.2630, 19.7540,
38.4900


 49.2630, 19.7540,
38.4900


 43.9800, 22.2290,
43.1970

 54.5460, 17.2790,
33.7830

 38.1100, 24.9790,
48.4270

 60.4160, 14.5290,
28.5530

 65.6990, 12.0540,
23.8460

 71.2810, 10.1750,
19.3510

 76.5640, 7.7000,
14.6440

■ 82.4340, 4.9500,
9.4140

■ 87.7170, 2.4750,
4.7070

■ 93.0000, -0.0000,
-0.0000

■ 98.8700, -2.7500,
-5.2300

Harmonies

Analogous

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



50.1580, -28.8430, 21.6290



49.2630, 19.7540, 38.4900



40.3990, 48.7300, 41.9940

Triad

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



49.2630, 19.7540, 38.4900



49.9810, 27.3740, -11.5220



49.7200, -46.3060, -8.8180

Complementary

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



49.2630, 19.7540, 38.4900



62.7370, -19.7540, -38.4900

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.



44.9150, -34.1540, -19.8020



49.2630, 19.7540, 38.4900



45.0870, 3.1680, -24.3840

Square

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



49.2630, 19.7540, 38.4900



48.0750, 48.1410, 3.0930



38.9530, -20.1220, -31.8180



51.8520, -55.0650, 1.2470

Rectangle

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



49.2630, 19.7540, 38.4900



37.9620, 57.0300, 34.7420



38.9530, -20.1220, -31.8180



48.3520, -42.4540, -12.5500

Sweetspot

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



49.2630, 19.7540, 38.4900



102.6780, 7.3790, 14.9550



28.0230, -24.0290, 22.4910



50.4340, 4.9500, 9.4140



189.0000, -0.0000, -0.0000



61.0000, 0.0000, -0.0000

Same Dimension

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



49.2630, 19.7540, 38.4900



51.8970, 30.4330, 59.7210



45.4580, 31.9060, 27.5060



43.0650, 1.3750, 2.6150



44.8320, 29.0580, 57.1060



96.9840, 63.3870, 123.3150

Inverse Universe

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



41.2400, 43.7830, 15.9990



39.4990, 68.2190, 24.6910



66.5420, -31.9060, -27.5060



42.4950, 2.9800, 1.0600



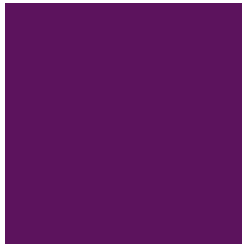
33.0040, 65.2390, 23.6310



71.2050, 140.2890, 51.1770

Previews

White Background



This preview shows how the YIQ color 49.2630, 19.7540, 38.4900 looks on a white background.

Color Contrast Check

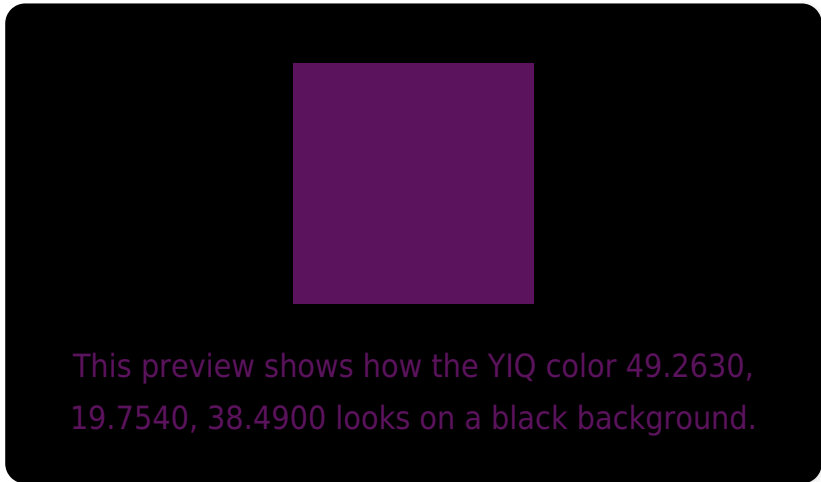
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

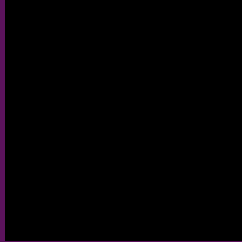
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 49.2630, 19.7540, 38.4900

Background



This preview shows how black text looks on a background with the YIQ color 49.2630, 19.7540, 38.4900.



This preview shows how white text looks on a background with the YIQ color 49.2630, 19.7540,

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

49.2630, 19.7540, 38.4900

Protanopia

43.8790, -50.5270, 7.1130

Deuteranopia

52.7820, -22.5130, 6.0230



Tritanopia

53.9820, 26.7740, 10.3740

Trichromacy



Original Color

49.2630, 19.7540, 38.4900

Protanomaly

45.9040, -25.3120, 18.2080

Deuteranomaly

51.6580, -7.0640, 17.8960

Tritanomaly

52.0500, 24.0670, 20.8910

Monochromacy



Original Color

49.2630, 19.7540, 38.4900

Achromatopsia

49.0000, -0.0000, -0.0000

Achromatomaly

49.1510, 7.4250, 14.1210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 49.2630, 19.7540, 38.4900 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(92, 19, 93)` looks like.

```
.text, #text, p{  
    color:rgb(92, 19, 93)  
}
```

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(92, 19, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 19, 93) }
```

Border

The CSS property to change the border of an element to YIQ 49.2630, 19.7540, 38.4900 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(92, 19, 93) }
```


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

```
.border{ border-color:rgb(92, 19, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 19, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 19, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 19, 93);  
box-shadow:4px 4px 4px 4px rgb(92, 19, 93)  
}
```

Background

The CSS property to change the background color of an element to YIQ 49.2630, 19.7540, 38.4900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 19, 93) }
```

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

```
.background{ background-color: rgb(92, 19,  
93) }
```

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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