

Converting Colors

YIQ(39.7180, -49.7100, 52.8980)

Have a look what the booklet for
YIQ(39.7180, -49.7100, 52.8980)
contains.

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Color

**YIQ(39.7180, -49.7100,
52.8980)**

Conversions

Conversions Part 1

Format	Color
Hex	1913B9
RGB	25, 19, 185
RGB Percent	10%, 7%, 73%
CMY	0.9018, 0.9255, 0.2748
CMYK	0.86, 0.90, 0.00, 0.27
HSL	242°, 81%, 40%
HSV	242°, 90%, 73%
XYZ	9.3827, 4.1720, 46.1637
YIQ	39.7180, -49.7100, 52.8980

Conversions

Conversions Part 2

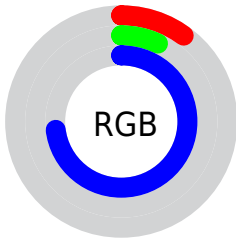
Format	Color
R_{YB}	25, 19, 185
Decimal	1643449
CIE _{Lab}	24.23, 57.67, -80.88
CIE _{LCh}	24, 99.336, 305.488
Yxy	4.1720, 0.1571, 0.0699
Android (android.graphics.Color)	4279833529 (0xFF1913B9)
YUV	39.7180, 71.6240, -12.9077
Hunter-Lab	20.4255, 46.2513, -119.7037

Details

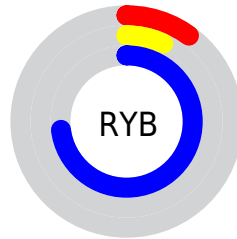
The YIQ color **39.7180, -49.7100, 52.8980** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **164.2820, 49.7100, -52.8980**, and the grayscale version is **39.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **101.0730, -34.3520, 60.9120**, and **14.8200, -41.7300, 40.4300** is the 20% darker color. If you saturate the color by 10%, you get **23.1830, -55.2130, 59.0190**, and if you desaturate by 10%, it is **55.6660, -43.9320, 47.3000**.

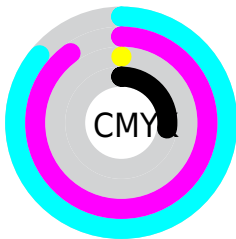
Distribution



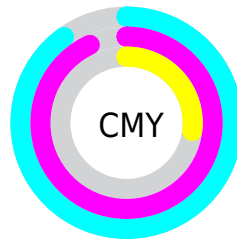
- Red (10%)
- Green (7%)
- Blue (73%)



- Red (10%)
- Yellow (7%)
- Blue (73%)



- Cyan (86%)
- Magenta (90%)
- Yellow (0%)
- Black (27%)



- Cyan (90%)
- Magenta (93%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 39.7180, -49.7100, 52.8980 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 39.7180, -49.7100, 52.8980 by changing the saturation by 10% instead.

■ 39.7180, -49.7100,
52.8980

■ 39.7180, -49.7100,
52.8980

■ 255.0000, -0.0000,
-0.0000

■ 17.8980, -50.3970,
48.8270

■ 100.9590,
-34.0310, 60.6010

■ 14.8200, -41.7300,
40.4300

■ 126.6840,
-26.0070, 58.3530

■ 11.8560, -33.3840,
32.3440

■ 151.2150,
-14.6810, 51.3270

■ 14.8760, -28.1090,
19.3390

■ 176.0340, -4.2260,
43.5660

■ 9.2050, -19.0300,
14.4900

■ 201.7390, 6.5500,
35.4940


■ 4.8220, -10.8220,
8.9060

■ 225.6500, 13.7500,


■ 0.5700, -1.6050,


26.1500


1.5550


 242.0860, 6.0500,
11.5060


 0.0000, 0.0000,
0.0000


 39.7180, -49.7100,
52.8980

 39.7180, -49.7100,
52.8980


 23.1830, -55.2130,
59.0190

 55.6660, -43.9320,
47.3000

 72.2010, -38.4290,
41.1790

 87.8500, -33.2470,
35.3690

 104.3850,
-27.7440, 29.2480

 120.3330,
-21.9660, 23.6500

■ 136.8680,
-16.4630, 17.5290

■ 152.8160,
-10.6850, 11.9310

■ 169.3510, -5.1820,
5.8100

■ 185.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



65.0130, -87.9900, 30.7780



39.7180, -49.7100, 52.8980



58.1600, 49.0460, 69.3180

Triad

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



39.7180, -49.7100, 52.8980



44.9620, 65.0570, 15.9130



55.0540, -44.7910, -19.7590

Complementary

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



39.7180, -49.7100, 52.8980



164.2820, 49.7100, -52.8980

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.



45.1990, -21.1750, -40.2710



39.7180, -49.7100, 52.8980



52.8610, 18.6640, -18.8720

Square

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



39.7180, -49.7100, 52.8980



47.2420, 94.1680, 33.4960



42.8510, -20.0750, -38.1790



64.7780, -69.4160, 2.5200

Rectangle

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



39.7180, -49.7100, 52.8980



59.1520, 77.8870, 58.7430



42.8510, -20.0750, -38.1790



51.3890, -35.8490, -27.6330

Sweetspot

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



39.7180, -49.7100, 52.8980



183.0080, -19.6730, 20.6390



131.8440, -97.2860, -32.0540



86.0440, -11.3270, 12.5530



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



39.7180, -49.7100, 52.8980



30.0510, -71.6760, 76.5480



64.2360, -0.8380, 70.2820



84.0260, -2.8890, 2.7990



19.5780, -46.5000, 49.7880



3.4910, -8.3920, 8.9200

Inverse Universe

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



86.8740, 47.5760, 84.9520



98.0940, 68.8890, 122.7210



139.4650, 0.2420, -70.4940



86.6030, 2.7960, 4.3960



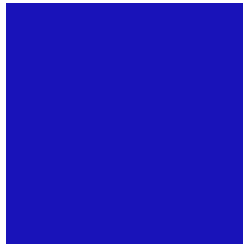
63.7440, 44.8260, 79.7220



11.4500, 8.0210, 14.3330

Previews

White Background



This preview shows how the YIQ color 39.7180, -49.7100, 52.8980 looks on a white background.

Color Contrast Check

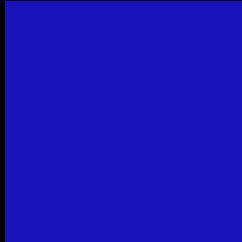
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YIQ color 39.7180, -49.7100, 52.8980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

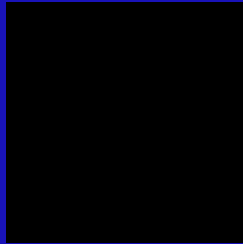
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 39.7180, -49.7100, 52.8980

Background



This preview shows how black text looks on a background with the YIQ color 39.7180, -49.7100, 52.8980.



This preview shows how white text looks on a background with the YIQ color 39.7180, -49.7100,

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

39.7180, -49.7100, 52.8980

Protanopia

46.3240, -53.2780, 7.4100

Deuteranopia

46.6200, -48.6000, -0.2800



Tritanopia

45.9070, -39.7030, -12.8470

Trichromacy



Original Color

39.7180, -49.7100, 52.8980

Protanomaly

44.1200, -52.0430, 23.5810

Deuteranomaly

44.0400, -49.0620, 19.1140

Tritanomaly

43.5210, -43.4670, 11.3250

Monochromacy



Original Color

39.7180, -49.7100, 52.8980

Achromatopsia

40.0000, 0.0000, -0.0000

Achromatomaly

39.8510, -17.7930, 19.6070

CSS Examples

Text

The CSS property to change the color of the text to YIQ 39.7180, -49.7100, 52.8980 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(25, 19, 185)` looks like.

```
.text, #text, p{  
    color:rgb(25, 19, 185)  
}
```

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(25, 19, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 19, 185) }
```

Border

The CSS property to change the border of an element to YIQ 39.7180, -49.7100, 52.8980 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(25, 19, 185) }
```


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

```
.border{ border-color:rgb(25, 19, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 19, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 19, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 19, 185);  
box-shadow:4px 4px 4px 4px rgb(25, 19,  
185) }
```

Background

The CSS property to change the background color of an element to YIQ 39.7180, -49.7100, 52.8980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 19, 185) }
```

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

```
.background{ background-color: rgb(25, 19,  
185) }
```

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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