

Converting Colors

YIQ(61.9940, 1.2780, 31.9180)

Have a look what the booklet for
YIQ(61.9940, 1.2780, 31.9180)
contains.

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Color

**YIQ(61.9940, 1.2780,
31.9180)**

Conversions

Conversions Part 1

Format	Color
Hex	532973
RGB	83, 41, 115
RGB Percent	33%, 16%, 45%
CMY	0.6744, 0.8393, 0.5491
CMYK	0.28, 0.64, 0.00, 0.55
HSL	274°, 47%, 31%
HSV	274°, 64%, 45%
XYZ	7.4566, 4.6629, 16.7226
YIQ	61.9940, 1.2780, 31.9180

Conversions

Conversions Part 2

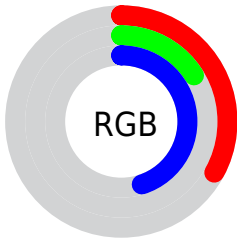
Format	Color
RYB	83, 41, 115
Decimal	5450099
CIELab	25.75, 34.08, -35.12
CIElCh	26, 48.937, 314.139
Yxy	4.6629, 0.2585, 0.1617
Android (android.graphics.Color)	4283640179 (0xFF532973)
YUV	61.9940, 26.1320, 18.4223
Hunter-Lab	21.5937, 23.8501, -30.8000

Details

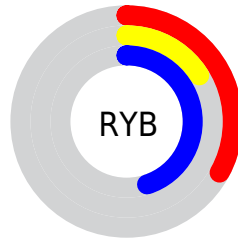
The YIQ color **61.9940, 1.2780, 31.9180** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **94.0060, -1.2780, -31.9180**, and the grayscale version is **62.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **111.7600, 2.0570, 34.3210**, and **17.6900, -0.9220, 27.7340** is the 20% darker color. If you saturate the color by 10%, you get **53.4550, 1.5980, 37.1340**, and if you desaturate by 10%, it is **69.9460, 1.2330, 27.2250**.

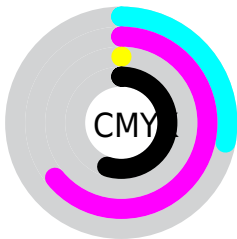
Distribution



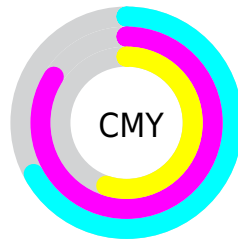
- Red (33%)
- Green (16%)
- Blue (45%)



- Red (33%)
- Yellow (16%)
- Blue (45%)



- Cyan (28%)
- Magenta (64%)
- Yellow (0%)
- Black (55%)



- Cyan (67%)
- Magenta (84%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 61.9940, 1.2780, 31.9180 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 61.9940, 1.2780, 31.9180 by changing the saturation by 10% instead.

61.9940, 1.2780,
31.9180

61.9940, 1.2780,
31.9180

255.0000, -0.0000,
-0.0000

37.5810, 1.0030,
31.3950

111.7600, 2.0570,
34.3210

17.6900, -0.9220,
27.7340

137.5860, 2.6070,
35.3670

5.7990, -12.0150,
14.0090

164.4120, 3.1570,
36.4130

3.0950, -7.3370,
6.3190

191.9390, 3.1110,
37.2470

0.0000, 0.0000,
0.0000

216.8010, 12.0070,
30.2070

235.6290, 9.0750,

17.2590

252.6520, 1.1000,
2.0920

61.9940, 1.2780,
31.9180

61.9940, 1.2780,
31.9180

53.4550, 1.5980,
37.1340

69.9460, 1.2330,
27.2250

45.5030, 1.6430,
41.8270

78.4850, 0.9130,
22.0090

36.9640, 1.9630,
47.0430

86.4370, 0.8680,
17.3160

32.5450, 1.8250,
49.5450

94.9760, 0.5480,
12.1000

102.9280, 0.5030,
7.4070

■ 111.4670, 0.1830,
2.1910

■ 119.4190, 0.1380,
-2.5020

■ 127.9580, -0.1820,
-7.7180

■ 135.9100, -0.2270,
-12.4110

Harmonies

Analogous

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



50.4960, -59.5140, 10.2940



61.9940, 1.2780, 31.9180



52.8370, 38.6890, 42.2490

Triad

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



61.9940, 1.2780, 31.9180



58.0320, 40.5320, -7.6920



54.0910, -46.2130, -16.0130

Complementary

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



61.9940, 1.2780, 31.9180



94.0060, -1.2780, -31.9180

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.



49.0580, -33.4190, -27.6190



61.9940, 1.2780, 31.9180



56.0950, 17.8850, -21.2750

Square

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



61.9940, 1.2780, 31.9180



54.0810, 57.1720, 10.1320



43.7590, -16.8200, -36.5960



57.3800, -56.8520, -4.9160

Rectangle

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



61.9940, 1.2780, 31.9180



46.0360, 54.1860, 42.2340



43.7590, -16.8200, -36.5960



52.6090, -42.0400, -20.0560

Sweetspot

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



61.9940, 1.2780, 31.9180



129.9760, 0.5480, 12.1000



68.2200, -32.5540, 6.2780



64.0420, 0.1820, 7.7180



204.0000, -0.0000, -0.0000



77.0000, -0.0000, -0.0000

Same Dimension

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



61.9940, 1.2780, 31.9180



67.5450, 1.8250, 49.5450



70.9920, 21.9550, 37.1470



54.5810, -0.1380, 2.5020



34.8380, 2.5580, 52.7820



70.9580, 4.3820, 107.8540

Inverse Universe

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



66.7740, 33.8320, 25.6400



75.0850, 52.4900, 39.9300



85.0080, -21.9550, -37.1470



55.0220, 2.9340, 1.8940



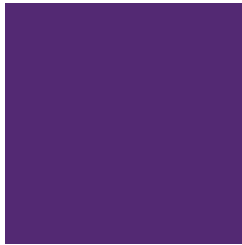
42.5200, 55.6990, 42.3470



87.0620, 114.3320, 86.5880

Previews

White Background



This preview shows how the YIQ color 61.9940, 1.2780, 31.9180 looks on a white background.

Color Contrast Check

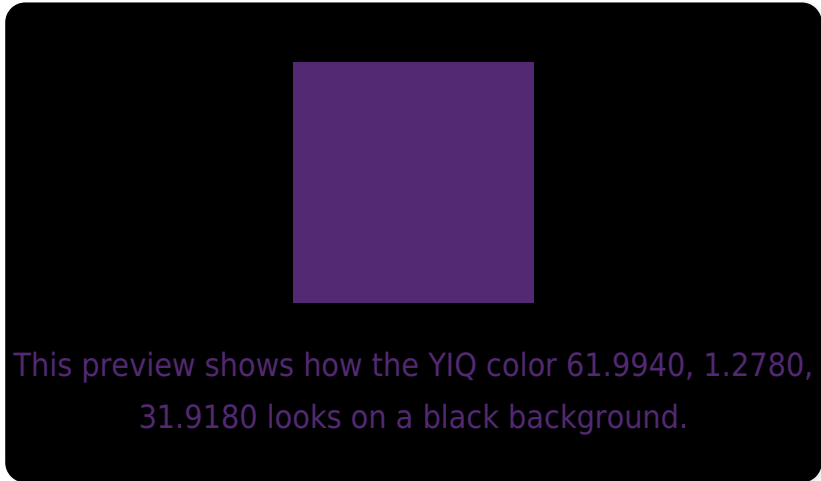
Large Text (above 18pt) WCAG AA ✓ Pass

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

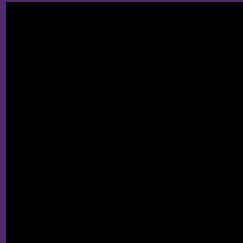
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 61.9940, 1.2780, 31.9180

Background



This preview shows how black text looks on a background with the YIQ color 61.9940, 1.2780, 31.9180.



This preview shows how white text looks on a background with the YIQ color 61.9940, 1.2780,

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

61.9940, 1.2780, 31.9180

Protanopia

48.9970, -56.6710, 8.3290

Deuteranopia

52.9240, -46.4000, 3.9040



Tritanopia

62.6530, 8.5270, 5.1590

Trichromacy



Original Color

61.9940, 1.2780, 31.9180

Protanomaly

53.4020, -35.5820, 17.1060

Deuteranomaly

56.1160, -29.0250, 13.9110

Tritanomaly

62.1940, 5.8660, 14.8420

Monochromacy



Original Color

61.9940, 1.2780, 31.9180

Achromatopsia

62.0000, -0.0000, -0.0000

Achromatomaly

61.8620, 0.8690, 11.7890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 61.9940, 1.2780, 31.9180 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(83, 41, 115)` looks like.

```
.text, #text, p{  
    color:rgb(83, 41, 115)  
}
```

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(83, 41, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 41, 115) }
```

Border

The CSS property to change the border of an element to YIQ 61.9940, 1.2780, 31.9180 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(83, 41, 115) }
```


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

```
.border{ border-color:rgb(83, 41, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 41, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 41, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 41, 115);  
box-shadow:4px 4px 4px 4px rgb(83, 41,  
115) }
```

Background

The CSS property to change the background color of an element to YIQ 61.9940, 1.2780, 31.9180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 41, 115) }
```

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

```
.background{ background-color: rgb(83, 41,  
115) }
```

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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