

Converting Colors

YIQ(99.7420, -52.5400,
-16.9880)

Have a look what the booklet for
YIQ(99.7420, -52.5400, -16.9880)
contains.

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Color

**YIQ(99.7420, -52.5400,
-16.9880)**

Conversions

Conversions Part 1

Format	Color
Hex	277D81
RGB	39, 125, 129
RGB Percent	15%, 49%, 51%
CMY	0.8472, 0.5097, 0.4943
CMYK	0.70, 0.03, 0.00, 0.49
HSL	183°, 54%, 33%
HSV	183°, 70%, 51%
XYZ	12.1318, 16.6903, 23.3322
YIQ	99.7420, -52.5400, -16.9880

Conversions

Conversions Part 2

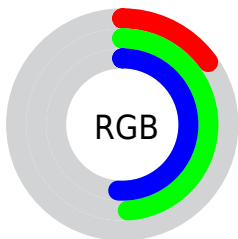
Format	Color
R_{YB}	39, 83, 129
Decimal	2588033
CIE _{Lab}	47.87, -23.54, -9.57
CIE _{LCh}	48, 25.412, 202.113
Yxy	16.6903, 0.2326, 0.3200
Android (android.graphics.Color)	4280778113 (0xFF277D81)
YUV	99.7420, 14.4242, -53.2707
Hunter-Lab	40.8537, -18.4872, -5.2639




Details

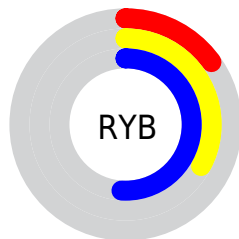
The YIQ color **99.7420, -52.5400, -16.9880** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **68.2580, 52.5400, 16.9880**, and the grayscale version is **100.0000, -0.0000, -0.0000**.




A 20% lighter version of the original color is **154.5360, -48.9640, -15.7160**, and **53.7320, -46.5800, -14.8680** is the 20% darker color. If you saturate the color by 10%, you get **95.2680, -60.0130, -19.2210**, and if you desaturate by 10%, it is **104.2160, -45.0670, -14.7550**.

Distribution







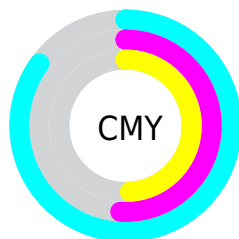
-  Red (15%)
-  Green (49%)
-  Blue (51%)






-  Red (15%)
-  Yellow (33%)
-  Blue (51%)



-  Cyan (70%)
-  Magenta (3%)
-  Yellow (0%)
-  Black (49%)



-  Cyan (85%)
-  Magenta (51%)
-  Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 99.7420, -52.5400, -16.9880 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 99.7420, -52.5400, -16.9880 by changing the saturation by 10% instead.

■ 99.7420, -52.5400,
-16.9880

■ 99.7420, -52.5400,
-16.9880

■ 255.0000, -0.0000,
-0.0000

■ 70.5560, -60.8840,
-19.9560

■ 154.5360,
-48.9640, -15.7160

■ 53.7320, -46.5800,
-14.8680

■ 182.4220,
-48.6430, -16.0270

■ 37.0220, -32.5970,
-9.4690

■ 210.5360,
-48.9640, -15.7160

■ 22.7740, -20.0350,
-5.8510

■ 233.1730,
-43.5080, -15.4760

■ 2.1830, -4.7690,
3.8310

■ 241.8440,
-26.2240, -9.3280

■ 0.0000, 0.0000,
0.0000

■ 250.5150, -8.9400,

-3.1800

■ 99.7420, -52.5400,
-16.9880

■ 99.7420, -52.5400,
-16.9880

■ 95.2680, -60.0130,
-19.2210

■ 104.2160,
-45.0670, -14.7550

■ 91.3810, -67.7610,
-21.9770

■ 108.1030,
-37.3190, -11.9990

■ 86.9070, -75.2340,
-24.2100

■ 112.5770,
-29.8460, -9.7660

■ 116.4640,
-22.0980, -7.0100

■ 120.6390,
-15.2210, -4.9890

■ 124.5260, -7.4730,
-2.2330

■ 129.0000, 0.0000,
0.0000

■ 133.4740, 7.4730,
2.2330

■ 137.3610, 15.2210,
4.9890

Harmonies

Analogous

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



103.8120, -32.3660, -19.1660



99.7420, -52.5400, -16.9880



102.1150, -54.7880, -9.2840

Triad

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



99.7420, -52.5400, -16.9880



116.7860, 7.1950, 18.2910



112.4310, 26.2270, -7.2530

Complementary

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



99.7420, -52.5400, -16.9880



68.2580, 52.5400, 16.9880

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.



114.2460, 34.4780, 2.9100



99.7420, -52.5400, -16.9880



116.6540, 25.1220, 18.2900

Square

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



99.7420, -52.5400, -16.9880



114.3040, -14.9950, 12.9490



115.4560, 34.2470, 12.6070



110.4890, 11.1440, -14.7440

Rectangle

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



99.7420, -52.5400, -16.9880



106.5450, -44.0150, -0.7750



115.4560, 34.2470, 12.6070



113.2790, 29.7110, -4.3130

Sweetspot

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



99.7420, -52.5400, -16.9880



156.9480, -20.5850, -6.8970



92.1720, -25.7130, -46.1370



77.1340, -12.2410, -3.9290



212.0000, -0.0000, -0.0000



84.0000, -0.0000, -0.0000

Same Dimension

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



99.7420, -52.5400, -16.9880



122.3190, -82.3860, -26.7540



73.9140, -40.4400, 6.0240



61.3200, -3.8970, -0.9610



86.2060, -74.6380, -23.9980



0.0000, 0.0000, 0.0000

Inverse Universe

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



75.7140, 26.0340, 45.8260



84.5490, 40.7010, 71.8770



94.0860, 40.4400, -6.0240



59.7770, 2.2460, 3.3500



52.1800, 37.1260, 65.0780



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 99.7420, -52.5400, -16.9880 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 99.7420, -52.5400, -16.9880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

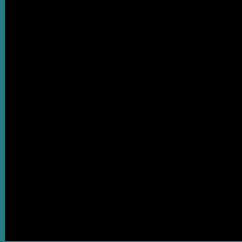
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 99.7420, -52.5400, -16.9880

Background



This preview shows how black text looks on a background with the YIQ color 99.7420, -52.5400, -16.9880.



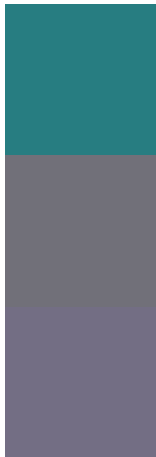
This preview shows how white text looks on a background with the YIQ color 99.7420, -52.5400,

-16.9880.

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

99.7420, -52.5400, -16.9880

Protanopia

113.3250, -2.2930, 3.0110

Deuteranopia

114.0030, -4.0820, 7.9020



Tritanopia

100.6220, -52.0820, -14.2740

Trichromacy



Original Color

99.7420, -52.5400, -16.9880

Protanomaly

108.5290, -20.7230, -4.3950

Deuteranomaly

108.4520, -21.8240, -0.9600

Tritanomaly

100.0950, -52.0360, -15.1080

Monochromacy



Original Color

99.7420, -52.5400, -16.9880

Achromatopsia

100.0000, -0.0000, -0.0000

Achromatomaly

99.9590, -19.1180, -5.9500

CSS Examples

Text

The CSS property to change the color of the text to YIQ 99.7420, -52.5400, -16.9880 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(39, 125, 129)` looks like.

```
.text, #text, p{  
    color:rgb(39, 125, 129)  
}
```

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(39, 125, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 125, 129) }
```

Border

The CSS property to change the border of an element to YIQ 99.7420, -52.5400, -16.9880 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(39, 125, 129) }
```


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

```
.border{ border-color:rgb(39, 125, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 125, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 125, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 125, 129);  
box-shadow:4px 4px 4px 4px rgb(39, 125,  
129) }
```

Background

The CSS property to change the background color of an element to YIQ 99.7420, -52.5400, -16.9880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 125, 129) }
```

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

```
.background{ background-color: rgb(39, 125,  
129) }
```

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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