

Converting Colors

YIQ(61.9590, -17.9770, 22.9430)

Have a look what the booklet for
YIQ(61.9590, -17.9770, 22.9430)
contains.

YIQ(61.9590, -17.9770, 22.9430)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(61.9590, -17.9770,
22.9430)**

Conversions

Conversions Part 1

Format	Color
Hex	3B3479
RGB	59, 52, 121
RGB Percent	23%, 20%, 47%
CMY	0.7686, 0.7961, 0.5256
CMYK	0.51, 0.57, 0.00, 0.53
HSL	246°, 40%, 34%
HSV	246°, 57%, 47%
XYZ	6.4816, 4.7657, 18.6572
YIQ	61.9590, -17.9770, 22.9430

Conversions

Conversions Part 2

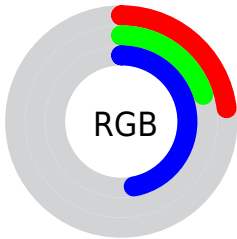
Format	Color
R_{YB}	59, 52, 121
Decimal	3880057
CIE _{Lab}	26.06, 23.00, -38.57
CIE _{LCh}	26, 44.910, 300.804
Yxy	4.7657, 0.2167, 0.1594
Android (android.graphics.Color)	4282070137 (0xFF3B3479)
YUV	61.9590, 29.1072, -2.5950
Hunter-Lab	21.8305, 14.7947, -35.3902

Details

The YIQ color **61.9590, -17.9770, 22.9430** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **111.0410, 17.9770, -22.9430**, and the grayscale version is **62.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **111.1380, -16.9230, 25.8690**, and **14.0780, -25.8620, 17.1620** is the 20% darker color. If you saturate the color by 10%, you get **51.6260, -21.2330, 26.8870**, and if you desaturate by 10%, it is **72.2920, -14.7210, 18.9990**.

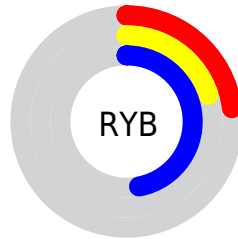
Distribution



 Red (23%)

 Green (20%)

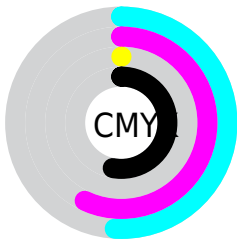
 Blue (47%)




 Red (23%)

 Yellow (20%)

 Blue (47%)

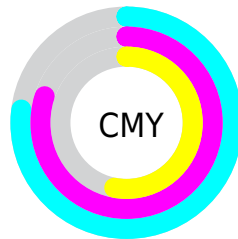


 Cyan (51%)

 Magenta (57%)

 Yellow (0%)

 Black (53%)



 Cyan (77%)

 Magenta (80%)

 Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 61.9590, -17.9770, 22.9430 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 61.9590, -17.9770, 22.9430 by changing the saturation by 10% instead.

61.9590, -17.9770,
22.9430

61.9590, -17.9770,
22.9430

255.0000, -0.0000,
-0.0000

38.7090, -20.2690,
20.4270

111.1380,
-16.9230, 25.8690

14.0780, -25.8620,
17.1620

137.0780,
-16.6940, 27.2260

5.5860, -15.7290,
15.2390

163.6050,
-16.7400, 28.0600

3.6650, -8.9420,
7.8740

190.0890,
-15.2270, 28.1730

0.0000, 0.0000,
0.0000

215.1960, -5.6430,
19.6770

240.3030, 3.9410,

11.1810

■ 61.9590, -17.9770,
22.9430

■ 61.9590, -17.9770,
22.9430

■ 51.6260, -21.2330,
26.8870

■ 72.2920, -14.7210,
18.9990

■ 41.2930, -24.4890,
30.8310

■ 82.6250, -11.4650,
15.0550

■ 30.9600, -27.7450,
34.7750

■ 92.9580, -8.2090,
11.1110

■ 20.9260, -30.4050,
38.9310

■ 102.9920, -5.5490,
6.9550

■ 17.3820, -31.6890,
40.1750

■ 113.3250, -2.2930,
3.0110

■ 124.2450, 0.6880,
-1.4560

■ 134.5780, 3.9440,
-5.4000

■ 144.9110, 7.2000,
-9.3440

■ 155.2440, 10.4560,
-13.2880

Harmonies

Analogous

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



53.6760, -60.2010, 6.2230



61.9590, -17.9770, 22.9430



60.8130, 20.9010, 34.2210

Triad

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



61.9590, -17.9770, 22.9430



57.2010, 47.5460, -2.6460



51.6800, -40.8020, -20.4660

Complementary

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



61.9590, -17.9770, 22.9430



111.0410, 17.9770, -22.9430

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.



46.4020, -28.6960, -30.6160



61.9590, -17.9770, 22.9430



58.5310, 28.5210, -15.7910

Square

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



61.9590, -17.9770, 22.9430



55.0240, 53.3190, 19.3910



52.7620, 5.4610, -27.3950



55.5560, -51.7160, -9.8920

Rectangle

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



61.9590, -17.9770, 22.9430



55.4470, 39.6070, 36.6230



52.7620, 5.4610, -27.3950



50.3120, -36.9500, -24.1980

Sweetspot

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



61.9590, -17.9770, 22.9430



134.9750, -6.8790, 9.0330



96.2600, -39.1990, -10.9670



65.4220, -3.9440, 5.4000



207.0000, 0.0000, -0.0000



79.0000, -0.0000, 0.0000

Same Dimension

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



61.9590, -17.9770, 22.9430



66.4870, -27.7910, 35.6090



72.1250, 2.2870, 30.1510



55.9830, -1.3300, 2.0780



18.1370, -32.3770, 41.6310



36.5020, -65.3960, 83.8840

Inverse Universe

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



79.6990, 21.2220, 33.9100



93.9370, 32.9560, 52.5400



100.8750, -2.2870, -30.1510



57.4780, 1.6500, 3.1380



50.1430, 38.5480, 61.3320



101.2260, 77.3250, 124.0210

Previews

White Background



This preview shows how the YIQ color 61.9590, -17.9770, 22.9430 looks on a white background.

Color Contrast Check

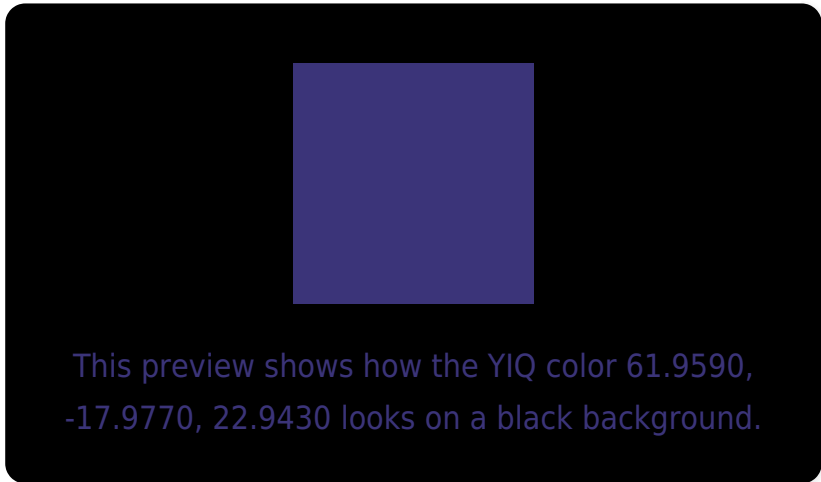
Large Text (above 18pt) WCAG AA ✓ Pass

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

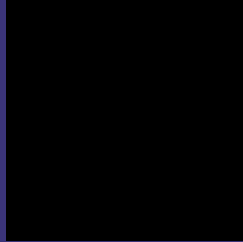
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 61.9590, -17.9770, 22.9430

Background



This preview shows how black text looks on a background with the YIQ color 61.9590, -17.9770, 22.9430.



This preview shows how white text looks on a background with the YIQ color 61.9590, -17.9770,

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

61.9590, -17.9770, 22.9430

Protanopia

49.6980, -57.2670, 8.1170

Deuteranopia

49.5210, -52.6350, 1.2610



Tritanopia

59.1060, -15.0380, -2.7980

Trichromacy



Original Color

61.9590, -17.9770, 22.9430

Protanomaly

53.9880, -43.2840, 13.5160

Deuteranomaly

53.9080, -40.3030, 9.0490

Tritanomaly

60.0170, -15.8650, 6.6870

Monochromacy



Original Color

61.9590, -17.9770, 22.9430

Achromatopsia

62.0000, -0.0000, -0.0000

Achromatomaly

61.7470, -6.2370, 8.4110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 61.9590, -17.9770, 22.9430 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(59, 52, 121)` looks like.

```
.text, #text, p{  
    color:rgb(59, 52, 121)  
}
```

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(59, 52, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 52, 121) }
```

Border

The CSS property to change the border of an element to YIQ 61.9590, -17.9770, 22.9430 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(59, 52, 121) }
```


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

```
.border{ border-color:rgb(59, 52, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 52, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 52, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 52, 121);  
box-shadow:4px 4px 4px 4px rgb(59, 52,  
121) }
```

Background

The CSS property to change the background color of an element to YIQ 61.9590, -17.9770, 22.9430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 52, 121) }
```

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

```
.background{ background-color: rgb(59, 52,  
121) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor