

Converting Colors

YIQ(77.7010, 17.7400, 19.9160)

Have a look what the booklet for
YIQ(77.7010, 17.7400, 19.9160)
contains.

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Color

**YIQ(77.7010, 17.7400,
19.9160)**

Conversions

Conversions Part 1

Format	Color
Hex	6B3C5C
RGB	107, 60, 92
RGB Percent	42%, 24%, 36%
CMY	0.5803, 0.7648, 0.6392
CMYK	0.00, 0.44, 0.14, 0.58
HSL	319°, 28%, 33%
HSV	319°, 44%, 42%
XYZ	9.6145, 7.1304, 10.9975
YIQ	77.7010, 17.7400, 19.9160

Conversions

Conversions Part 2

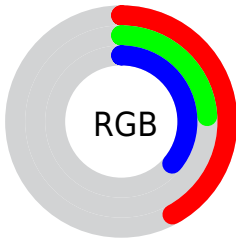
Format	Color
R_{YB}	107, 60, 92
Decimal	7027804
CIE _{Lab}	32.10, 25.63, -10.21
CIE _{LCh}	32, 27.591, 338.289
Yxy	7.1304, 0.3466, 0.2570
Android (android.graphics.Color)	4285217884 (0xFF6B3C5C)
YUV	77.7010, 7.0494, 25.6952
Hunter-Lab	26.7029, 17.5400, -5.7263

Details

The YIQ color **77.7010, 17.7400, 19.9160** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **89.2990, -17.7400, -19.9160**, and the grayscale version is **78.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **127.7120, 19.2070, 20.8630**, and **30.8040, 15.9520, 19.2800** is the 20% darker color. If you saturate the color by 10%, you get **70.9020, 21.7280, 24.7360**, and if you desaturate by 10%, it is **84.5000, 13.7520, 15.0960**.

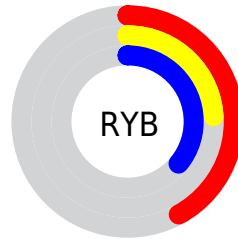
Distribution



Red (42%)

Green (24%)

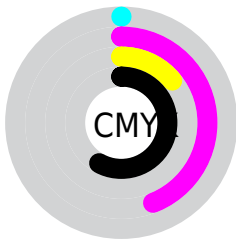
Blue (36%)



Red (42%)

Yellow (24%)

Blue (36%)

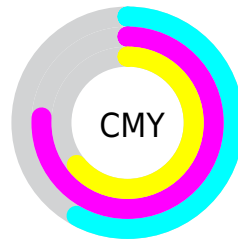


Cyan (0%)

Magenta (44%)

Yellow (14%)

Black (58%)



Cyan (58%)

Magenta (76%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 77.7010, 17.7400, 19.9160 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 77.7010, 17.7400, 19.9160 by changing the saturation by 10% instead.

■ 77.7010, 17.7400,
19.9160

■ 77.7010, 17.7400,
19.9160

■ 255.0000, -0.0000,
-0.0000

■ 53.9890, 16.8690,
19.1810

■ 127.7120, 19.2070,
20.8630

■ 30.8040, 15.9520,
19.2800

■ 153.8370, 20.3530,
22.1210

■ 14.3260, 14.3020,
16.1420

■ 181.1360, 20.9490,
22.3330

■ 0.0000, 0.0000,
0.0000

■ 208.8480, 21.8200,
23.0680

■ 231.8790, 11.3670,
19.7750

■ 248.5430, 3.0250,

5.7530

■ 77.7010, 17.7400,
19.9160

■ 77.7010, 17.7400,
19.9160

■ 70.9020, 21.7280,
24.7360

■ 84.5000, 13.7520,
15.0960

■ 64.5760, 25.7620,
28.7220

■ 90.8260, 9.7180,
11.1100

■ 57.7770, 29.7500,
33.5420

■ 97.6250, 5.7300,
6.2900

■ 50.8640, 34.0590,
38.0510

■ 104.5380, 1.4210,
1.7810

■ 44.0650, 38.0470,
42.8710

■ 111.3370, -2.5670,
-3.0390

■ 40.3150, 40.3390,
45.3870

■ 117.6630, -6.6010,
-7.0250

■ 124.4620,
-10.5890, -11.8450

■ 131.2610,
-14.5770, -16.6650

■ 137.5870,
-18.6110, -20.6510

Harmonies

Analogous

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



77.2840, -3.0750, 17.1890



77.7010, 17.7400, 19.9160



76.1230, 30.9910, 16.5510

Triad

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



77.7010, 17.7400, 19.9160



72.9630, 18.6170, -12.5110



62.1100, -56.3920, -13.2560

Complementary

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



77.7010, 17.7400, 19.9160



89.2990, -17.7400, -19.9160

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.



60.3030, -49.9260, -20.3100



77.7010, 17.7400, 19.9160



70.3350, -0.2260, -17.9380

Square

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



77.7010, 17.7400, 19.9160



74.6920, 29.9860, -3.7900



65.2920, -25.0300, -19.9580



61.2440, -59.4650, -7.1210

Rectangle

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



77.7010, 17.7400, 19.9160



75.7010, 34.9350, 11.1510



65.2920, -25.0300, -19.9580



61.3120, -54.1450, -15.4330

Sweetspot

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



77.7010, 17.7400, 19.9160



128.7500, 6.8760, 7.5480



69.8430, -6.1470, 17.7970



64.2010, 3.9880, 4.8200



199.0000, -0.0000, 0.0000



71.0000, -0.0000, -0.0000

Same Dimension

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



77.7010, 17.7400, 19.9160



93.9400, 27.7330, 31.5490



75.0790, 25.1230, 12.7630



50.2500, 2.2920, 2.5160



44.1030, 44.0520, 49.6840



92.2930, 92.4130, 103.8770

Inverse Universe

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



77.7010, 17.7400, 19.9160



93.9400, 27.7330, 31.5490



91.9210, -25.1230, -12.7630



50.2500, 2.2920, 2.5160



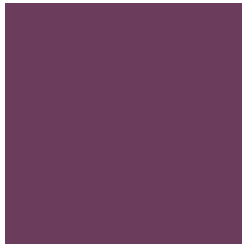
44.1030, 44.0520, 49.6840



92.2930, 92.4130, 103.8770

Previews

White Background



This preview shows how the YIQ color 77.7010, 17.7400, 19.9160 looks on a white background.

Color Contrast Check

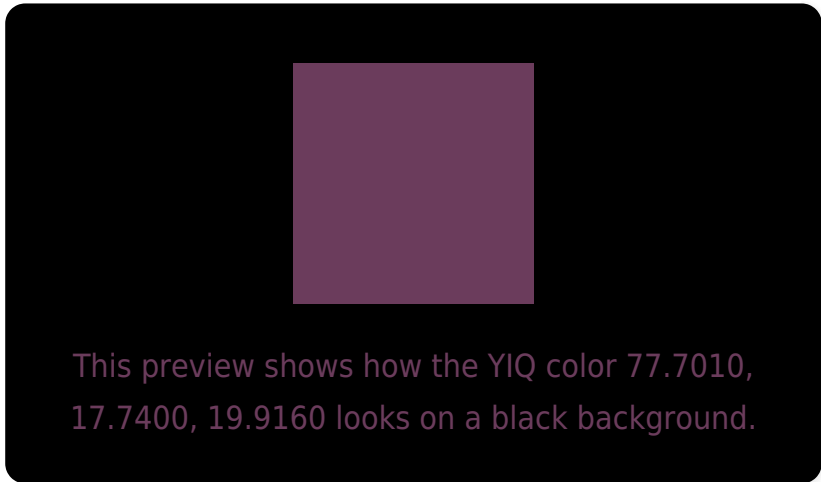
Large Text (above 18pt) WCAG AA ✓ Pass

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

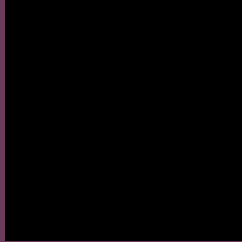
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 77.7010, 17.7400, 19.9160

Background



This preview shows how black text looks on a background with the YIQ color 77.7010, 17.7400, 19.9160.



This preview shows how white text looks on a background with the YIQ color 77.7010, 17.7400,

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

77.7010, 17.7400, 19.9160

Protanopia

76.0990, -13.1600, 7.2240

Deuteranopia

76.7210, -3.3480, 5.6120



Tritanopia

77.4160, 22.5560, 9.7240

Trichromacy



Original Color

77.7010, 17.7400, 19.9160

Protanomaly

76.8940, -2.1570, 11.5630

Deuteranomaly

77.1890, 4.2620, 10.8700

Tritanomaly

77.4530, 21.1340, 13.4700

Monochromacy



Original Color

77.7010, 17.7400, 19.9160

Achromatopsia

78.0000, -0.0000, -0.0000

Achromatomaly

77.7500, 6.8760, 7.5480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 77.7010, 17.7400, 19.9160 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(107, 60, 92)` looks like.

```
.text, #text, p{  
    color:rgb(107, 60, 92)  
}
```

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(107, 60, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 60, 92) }
```

Border

The CSS property to change the border of an element to YIQ 77.7010, 17.7400, 19.9160 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(107, 60, 92) }
```


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

```
.border{ border-color:rgb(107, 60, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 60, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 60, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 60, 92);  
box-shadow:4px 4px 4px 4px rgb(107, 60,  
92) }
```

Background

The CSS property to change the background color of an element to YIQ 77.7010, 17.7400, 19.9160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 60, 92) }
```

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

```
.background{ background-color: rgb(107, 60,  
92) }
```

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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