

Converting Colors

YIQ(76.5900, 22.0060, 8.6780)

Have a look what the booklet for
YIQ(76.5900, 22.0060, 8.6780)
contains.

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Color

**YIQ(76.5900, 22.0060,
8.6780)**

Conversions

Conversions Part 1

Format	Color
Hex	674143
RGB	103, 65, 67
RGB Percent	40%, 25%, 26%
CMY	0.5960, 0.7451, 0.7372
CMYK	0.00, 0.37, 0.35, 0.60
HSL	357°, 23%, 33%
HSV	357°, 37%, 40%
XYZ	8.4994, 7.0692, 6.2302
YIQ	76.5900, 22.0060, 8.6780

Conversions

Conversions Part 2

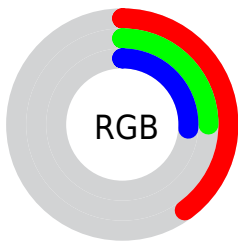
Format	Color
R_{YB}	103, 65, 67
Decimal	6766915
CIE _{Lab}	31.96, 16.85, 5.63
CIE _{LCh}	32, 17.764, 18.471
Yxy	7.0692, 0.3899, 0.3243
Android (android.graphics.Color)	4284956995 (0xFF674143)
YUV	76.5900, -4.7279, 23.1616
Hunter-Lab	26.5880, 10.5319, 4.7186

Details

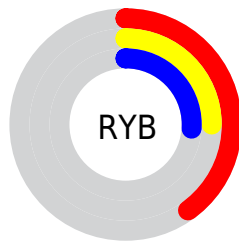
The YIQ color **76.5900, 22.0060, 8.6780** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **91.4100, -22.0060, -8.6780**, and the grayscale version is **77.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **125.7860, 24.3900, 9.5260**, and **31.2090, 18.7050, 7.9290** is the 20% darker color. If you saturate the color by 10%, you get **69.5800, 27.9660, 10.7980**, and if you desaturate by 10%, it is **83.6000, 16.0460, 6.5580**.

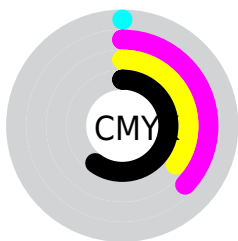
Distribution



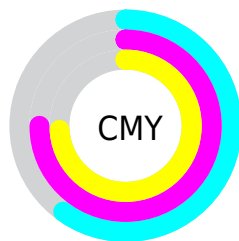
- Red (40%)
- Green (25%)
- Blue (26%)



- Red (40%)
- Yellow (25%)
- Blue (26%)



- Cyan (0%)
- Magenta (37%)
- Yellow (35%)
- Black (60%)



- Cyan (60%)
- Magenta (75%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 76.5900, 22.0060, 8.6780 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 76.5900, 22.0060, 8.6780 by changing the saturation by 10% instead.

76.5900, 22.0060,
8.6780

76.5900, 22.0060,
8.6780

255.0000, -0.0000,
-0.0000

53.1060, 20.4930,
8.5650

125.7860, 24.3900,
9.5260

31.2090, 18.7050,
7.9290

152.2700, 25.9030,
9.6390

10.4650, 20.8600,
7.4200

178.9820, 26.7740,
10.3740

0.0000, 0.0000,
0.0000

206.8680, 27.0950,
10.0630

231.2800, 19.9430,
7.5190

250.9080, 3.2550,

1.5830

■ 76.5900, 22.0060,
8.6780

■ 76.5900, 22.0060,
8.6780

■ 69.5800, 27.9660,
10.7980

■ 83.6000, 16.0460,
6.5580

■ 62.0970, 33.8800,
13.7520

■ 91.1970, 9.8110,
3.9150

■ 55.0870, 39.8400,
15.8720

■ 98.0930, 4.1720,
1.4840

■ 48.0770, 45.8000,
17.9920

■ 105.1030, -1.7880,
-0.6360

■ 40.4800, 52.0350,
20.6350

■ 112.1130, -7.7480,
-2.7560

■ 33.5840, 57.6740,
23.0660

■ 119.7100,
-13.9830, -5.3990

■ 31.4810, 59.4620,
23.7020

■ 126.6060,
-19.6220, -7.8300

■ 133.6160,
-25.5820, -9.9500

■ 141.2130,
-31.8170, -12.5930

Harmonies

Analogous

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



76.9900, 15.1280, 12.1840



76.5900, 22.0060, 8.6780



75.7870, 22.6490, 2.5290

Triad

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



76.5900, 22.0060, 8.6780



71.8710, -4.4910, -12.2270



71.7660, -25.5840, 1.1040

Complementary

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



76.5900, 22.0060, 8.6780



91.4100, -22.0060, -8.6780

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.



67.7600, -34.6150, -5.9350



76.5900, 22.0060, 8.6780



69.1560, -18.4750, -12.0990

Square

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



76.5900, 22.0060, 8.6780



73.3950, 8.7130, -9.2310



67.2670, -31.9090, -10.9250



75.9960, -11.3720, 7.8600

Rectangle

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



76.5900, 22.0060, 8.6780



75.1840, 19.8530, -1.8670



67.2670, -31.9090, -10.9250



70.4450, -29.1140, -1.0020

Sweetspot

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



76.5900, 22.0060, 8.6780



124.5990, 8.6190, 3.4910



79.7970, 8.6620, 19.2380



62.6910, 5.3640, 1.9080



196.0000, -0.0000, -0.0000



69.0000, -0.0000, -0.0000

Same Dimension

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



76.5900, 22.0060, 8.6780



93.9830, 34.2010, 13.4410



85.7540, 18.2480, -0.3120



47.4950, 2.9800, 1.0600



35.0690, 66.6140, 26.2460



73.8400, 140.0590, 55.3470

Inverse Universe

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



76.5900, 22.0060, 8.6780



93.9830, 34.2010, 13.4410



82.2460, -18.2480, 0.3120



47.4950, 2.9800, 1.0600



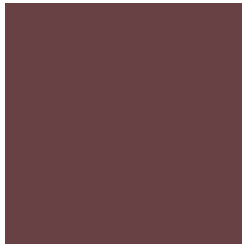
35.0690, 66.6140, 26.2460



73.8400, 140.0590, 55.3470

Previews

White Background



This preview shows how the YIQ color 76.5900, 22.0060, 8.6780 looks on a white background.

Color Contrast Check

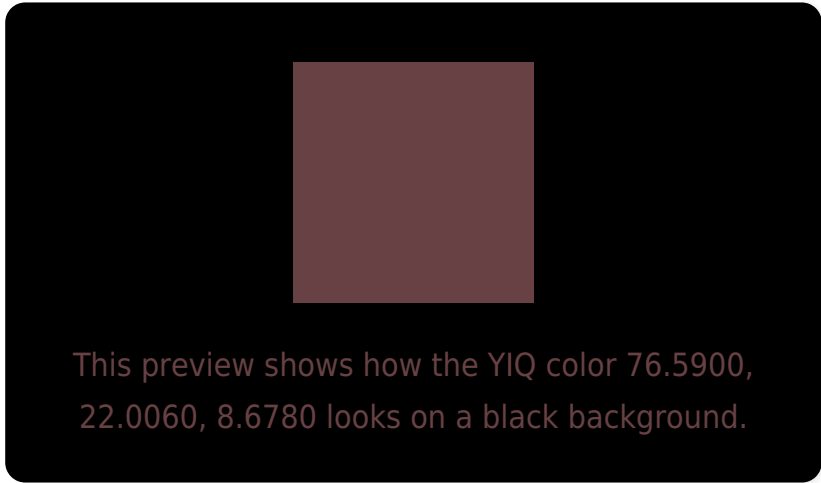
Large Text (above 18pt) WCAG AA ✓ Pass

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

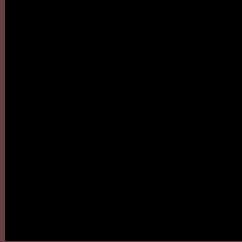
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 76.5900, 22.0060, 8.6780

Background



This preview shows how black text looks on a background with the YIQ color 76.5900, 22.0060, 8.6780.



This preview shows how white text looks on a background with the YIQ color 76.5900, 22.0060,

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

76.5900, 22.0060, 8.6780

Protanopia

75.5550, 2.7510, -0.2970

Deuteranopia

76.0890, 9.9950, 0.5790



Tritanopia

76.8180, 21.3640, 9.3000

Trichromacy



Original Color

76.5900, 22.0060, 8.6780

Protanomaly

75.6700, 9.8570, 3.0810

Deuteranomaly

76.1220, 14.3960, 3.4200

Tritanomaly

76.7040, 21.6850, 8.9890

Monochromacy



Original Color

76.5900, 22.0060, 8.6780

Achromatopsia

77.0000, -0.0000, -0.0000

Achromatomaly

76.8870, 7.7480, 2.7560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 76.5900, 22.0060, 8.6780 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(103, 65, 67)` looks like.

```
.text, #text, p{  
    color:rgb(103, 65, 67)  
}
```

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(103, 65, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 65, 67) }
```

Border

The CSS property to change the border of an element to YIQ 76.5900, 22.0060, 8.6780 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(103, 65, 67) }
```


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

```
.border{ border-color:rgb(103, 65, 67) }
```

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

Here you see how a box with a 4 pixel rgb(103, 65, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 65, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 65, 67);  
box-shadow:4px 4px 4px 4px rgb(103, 65,  
67) }
```

Background

The CSS property to change the background color of an element to YIQ 76.5900, 22.0060, 8.6780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 65, 67) }
```

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

```
.background{ background-color: rgb(103, 65,  
67) }
```

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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