

Converting Colors

YIQ(76.9040, 10.2190, 29.5710)

Have a look what the booklet for
YIQ(76.9040, 10.2190, 29.5710)
contains.

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Color

**YIQ(76.9040, 10.2190,
29.5710)**

Conversions

Conversions Part 1

Format	Color
Hex	693774
RGB	105, 55, 116
RGB Percent	41%, 22%, 45%
CMY	0.5881, 0.7844, 0.5451
CMYK	0.09, 0.53, 0.00, 0.55
HSL	289°, 36%, 34%
HSV	289°, 53%, 45%
XYZ	10.3479, 6.9970, 17.3276
YIQ	76.9040, 10.2190, 29.5710

Conversions

Conversions Part 2

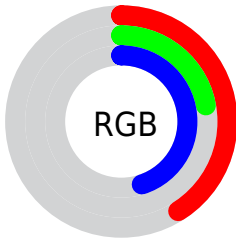
Format	Color
R_{YB}	105, 55, 116
Decimal	6895476
CIE _{Lab}	31.80, 32.71, -25.97
CIE _{LCh}	32, 41.768, 321.558
Yxy	6.9970, 0.2984, 0.2018
Android (android.graphics.Color)	4285085556 (0xFF693774)
YUV	76.9040, 19.2743, 24.6402
Hunter-Lab	26.4518, 23.5380, -20.3225

Details

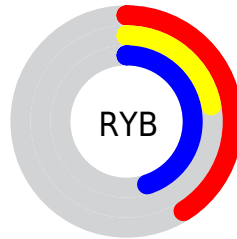
The YIQ color **76.9040, 10.2190, 29.5710** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **94.0960, -10.2190, -29.5710**, and the grayscale version is **77.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **127.4420, 11.6400, 31.3520**, and **27.6050, 9.6230, 29.3590** is the 20% darker color. If you saturate the color by 10%, you get **69.2620, 12.3270, 35.4230**, and if you desaturate by 10%, it is **84.5460, 8.1110, 23.7190**.

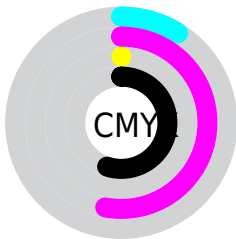
Distribution



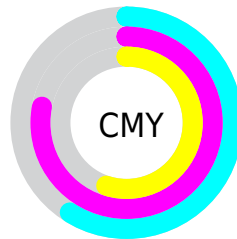
- Red (41%)
- Green (22%)
- Blue (45%)



- Red (41%)
- Yellow (22%)
- Blue (45%)



- Cyan (9%)
- Magenta (53%)
- Yellow (0%)
- Black (55%)



- Cyan (59%)
- Magenta (78%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 76.9040, 10.2190, 29.5710 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 76.9040, 10.2190, 29.5710 by changing the saturation by 10% instead.

■ 76.9040, 10.2190,
29.5710

■ 76.9040, 10.2190,
29.5710

■ 255.0000, -0.0000,
-0.0000

■ 52.4910, 9.9440,
29.0480

■ 127.4420, 11.6400,
31.3520

■ 27.9040, 10.2190,
29.5710

■ 153.9690, 11.5940,
32.1860

■ 15.5950, 6.4150,
21.4150

■ 180.7950, 12.1440,
33.2320

■ 3.2090, -7.6580,
6.6300

■ 208.5070, 13.0150,
33.9670

■ 0.0000, 0.0000,
0.0000

■ 229.1720, 12.1000,
23.0120

■ 246.1950, 4.1250,

7.8450

■ 76.9040, 10.2190,
29.5710

■ 76.9040, 10.2190,
29.5710

■ 69.2620, 12.3270,
35.4230

■ 84.5460, 8.1110,
23.7190

■ 62.2070, 14.1600,
40.7520

■ 91.6010, 6.2780,
18.3900

■ 54.5650, 16.2680,
46.6040

■ 99.2430, 4.1700,
12.5380

■ 47.5100, 18.1010,
51.9330

■ 106.2980, 2.3370,
7.2090

■ 41.6290, 19.3840,
56.2160

■ 113.9400, 0.2290,
1.3570

■ 121.8810, -1.2830,
-4.2830

■ 128.9360, -3.1160,
-9.6120

■ 136.5780, -5.2240,
-15.4640

■ 143.6330, -7.0570,
-20.7930

Harmonies

Analogous

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



73.0390, -30.1260, 17.3460



76.9040, 10.2190, 29.5710



73.6160, 37.4530, 31.6050

Triad

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



76.9040, 10.2190, 29.5710



70.3920, 39.1580, -15.8340



64.0020, -56.2080, -16.5920

Complementary

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



76.9040, 10.2190, 29.5710



94.0960, -10.2190, -29.5710

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.



59.5390, -45.0190, -26.6430



76.9040, 10.2190, 29.5710



67.5200, 17.8860, -26.8020

Square

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



76.9040, 10.2190, 29.5710



71.6730, 49.3330, 3.5170



60.8930, -19.8930, -30.4610



66.0200, -64.6460, -6.8380

Rectangle

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



76.9040, 10.2190, 29.5710



71.1300, 47.4490, 26.6570



60.8930, -19.8930, -30.4610



62.7480, -52.6770, -20.0130

Sweetspot

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



76.9040, 10.2190, 29.5710



134.7160, 4.2160, 11.7040



68.4110, -22.6060, 13.2180



67.2980, 2.3370, 7.2090



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.



76.9040, 10.2190, 29.5710



89.7390, 15.7180, 45.5580



78.0270, 22.8740, 25.9940



55.1790, 1.0540, 2.9260



43.8080, 20.4380, 59.1420



89.7950, 41.9300, 121.2100

Inverse Universe

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



74.4930, 32.8250, 16.3530



86.0440, 50.5670, 25.2150



92.9730, -22.8740, -25.9940



54.9080, 3.2550, 1.5830



38.9860, 65.6500, 32.7060



79.8800, 134.5550, 66.9950

Previews

White Background



This preview shows how the YIQ color 76.9040, 10.2190, 29.5710 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



This preview shows how the YIQ color 76.9040, 10.2190, 29.5710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

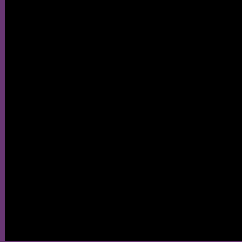
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 76.9040, 10.2190, 29.5710

Background



This preview shows how black text looks on a background with the YIQ color 76.9040, 10.2190, 29.5710.



This preview shows how white text looks on a background with the YIQ color 76.9040, 10.2190,

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

76.9040, 10.2190, 29.5710

Protanopia

72.3650, -34.1600, 13.3600

Deuteranopia

74.4340, -21.4130, 8.1150



Tritanopia

76.4370, 18.0630, 8.5510

Trichromacy



Original Color

76.9040, 10.2190, 29.5710

Protanomaly

73.8510, -17.7930, 19.6070

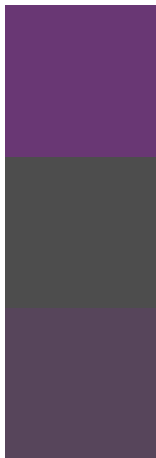
Deuteranomaly

75.5220, -9.6770, 15.6910

Tritanomaly

76.5110, 15.2190, 16.0430

Monochromacy



Original Color

76.9040, 10.2190, 29.5710

Achromatopsia

77.0000, -0.0000, -0.0000

Achromatomaly

76.8900, 3.6660, 10.6580

CSS Examples

Text

The CSS property to change the color of the text to YIQ 76.9040, 10.2190, 29.5710 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(105, 55, 116)` looks like.

```
.text, #text, p{  
    color:rgb(105, 55, 116)  
}
```

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(105, 55, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 55, 116) }
```

Border

The CSS property to change the border of an element to YIQ 76.9040, 10.2190, 29.5710 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(105, 55, 116) }
```


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

```
.border{ border-color:rgb(105, 55, 116) }
```

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

Here you see how a box with a 4 pixel rgb(105, 55, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 55, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 55, 116);  
box-shadow:4px 4px 4px 4px rgb(105, 55,  
116) }
```

Background

The CSS property to change the background color of an element to YIQ 76.9040, 10.2190, 29.5710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 55, 116) }
```

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

```
.background{ background-color: rgb(105, 55,  
116) }
```

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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