

Converting Colors

YIQ(73.6970, 6.3680, 27.7760)

Have a look what the booklet for
YIQ(73.6970, 6.3680, 27.7760)
contains.

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Color

**YIQ(73.6970, 6.3680,
27.7760)**

Conversions

Conversions Part 1

Format	Color
Hex	613672
RGB	97, 54, 114
RGB Percent	38%, 21%, 45%
CMY	0.6195, 0.7883, 0.5530
CMYK	0.15, 0.53, 0.00, 0.55
HSL	283°, 36%, 33%
HSV	283°, 53%, 45%
XYZ	9.2888, 6.3948, 16.6627
YIQ	73.6970, 6.3680, 27.7760

Conversions

Conversions Part 2

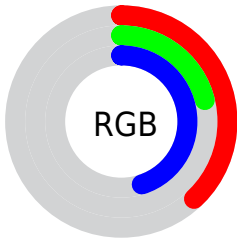
Format	Color
R_{YB}	97, 54, 114
Decimal	6370930
CIE _{Lab}	30.39, 30.36, -27.00
CIE _{LCh}	30, 40.631, 318.357
Yxy	6.3948, 0.2872, 0.1977
Android (android.graphics.Color)	4284561010 (0xFF613672)
YUV	73.6970, 19.8694, 20.4367
Hunter-Lab	25.2879, 21.3134, -21.3658

Details

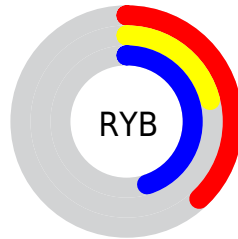
The YIQ color **73.6970, 6.3680, 27.7760** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **94.3030, -6.3680, -27.7760**, and the grayscale version is **73.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **123.3490, 7.4680, 29.8680**, and **25.9850, 5.4970, 27.0410** is the 20% darker color. If you saturate the color by 10%, you get **66.3430, 7.6050, 32.8930**, and if you desaturate by 10%, it is **81.0510, 5.1310, 22.6590**.

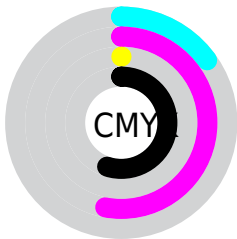
Distribution



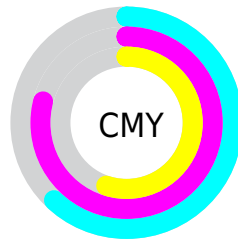
- Red (38%)
- Green (21%)
- Blue (45%)



- Red (38%)
- Yellow (21%)
- Blue (45%)



- Cyan (15%)
- Magenta (53%)
- Yellow (0%)
- Black (55%)



- Cyan (62%)
- Magenta (79%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 73.6970, 6.3680, 27.7760 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 73.6970, 6.3680, 27.7760 by changing the saturation by 10% instead.

■ 73.6970, 6.3680,
27.7760

■ 73.6970, 6.3680,
27.7760

■ 255.0000, -0.0000,
-0.0000

■ 49.8710, 5.8180,
26.7300

■ 123.3490, 7.4680,
29.8680

■ 25.9850, 5.4970,
27.0410

■ 149.8760, 7.4220,
30.7020

■ 13.8720, 4.0770,
19.7330

■ 176.7020, 7.9720,
31.7480

■ 2.9810, -7.0160,
6.0080

■ 204.4140, 8.8430,
32.4830

■ 0.0000, 0.0000,
0.0000

■ 227.9980, 12.6500,
24.0580

■ 245.0210, 4.6750,

8.8910

■ 73.6970, 6.3680,
27.7760

■ 73.6970, 6.3680,
27.7760

■ 66.3430, 7.6050,
32.8930

■ 81.0510, 5.1310,
22.6590

■ 58.4020, 9.1170,
38.5330

■ 88.9920, 3.6190,
17.0190

■ 50.7490, 9.7580,
43.4380

■ 96.6450, 2.9780,
12.1140

■ 42.8080, 11.2700,
49.0780

■ 104.5860, 1.4660,
6.4740

■ 37.5140, 12.2780,
52.8380

■ 111.9400, 0.2290,
1.3570

■ 119.2940, -1.0080,
-3.7600

■ 127.5340, -1.9240,
-9.1880

■ 134.8880, -3.1610,
-14.3050

■ 142.8290, -4.6730,
-19.9450

Harmonies

Analogous

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



68.4190, -34.2520, 15.0280



73.6970, 6.3680, 27.7760



70.2350, 34.1520, 30.8560

Triad

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



73.6970, 6.3680, 27.7760



67.7450, 39.6620, -13.9540



60.8560, -52.8610, -16.6770

Complementary

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



73.6970, 6.3680, 27.7760



94.3030, -6.3680, -27.7760

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.



56.5070, -41.9930, -26.4170



73.6970, 6.3680, 27.7760



64.9440, 19.6280, -25.3320

Square

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



73.6970, 6.3680, 27.7760



68.6560, 48.0030, 5.5950



59.4700, -14.2080, -28.8640



62.7600, -60.9780, -7.2340

Rectangle

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



73.6970, 6.3680, 27.7760



68.4610, 45.0190, 26.6430



59.4700, -14.2080, -28.8640



59.6020, -49.3300, -20.0980

Sweetspot

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



73.6970, 6.3680, 27.7760



131.8190, 2.4280, 11.0680



70.8190, -23.9350, 9.7690



64.5860, 1.4660, 6.4740



201.0000, -0.0000, 0.0000



74.0000, -0.0000, 0.0000

Same Dimension

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



73.6970, 6.3680, 27.7760



85.6350, 10.0790, 43.1270



77.2980, 20.6730, 27.3370



52.1790, 1.0540, 2.9260



39.3940, 12.7360, 55.5520



81.0810, 26.2050, 114.3410

Inverse Universe

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



73.8780, 30.3030, 18.0070



85.7710, 47.0820, 27.8020



90.7020, -20.6730, -27.3370



52.0220, 2.9340, 1.8940



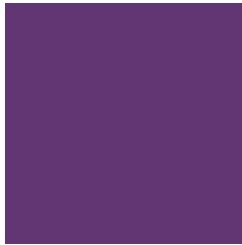
39.7560, 60.6060, 36.0140



81.8330, 124.7420, 74.1340

Previews

White Background



This preview shows how the YIQ color 73.6970, 6.3680, 27.7760 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 73.6970, 6.3680, 27.7760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

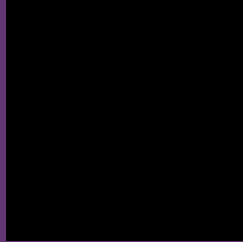
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 73.6970, 6.3680, 27.7760

Background



This preview shows how black text looks on a background with the YIQ color 73.6970, 6.3680, 27.7760.



This preview shows how white text looks on a background with the YIQ color 73.6970, 6.3680,

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

73.6970, 6.3680, 27.7760

Protanopia

68.9520, -34.4350, 12.8370

Deuteranopia

70.7650, -23.8430, 8.1010



Tritanopia

73.3440, 13.8910, 7.0670

Trichromacy



Original Color

73.6970, 6.3680, 27.7760

Protanomaly

70.5410, -19.8560, 18.4480

Deuteranomaly

71.5540, -12.7030, 15.4650

Tritanomaly

73.4180, 11.0470, 14.5590

Monochromacy



Original Color

73.6970, 6.3680, 27.7760

Achromatopsia

74.0000, -0.0000, 0.0000

Achromatomaly

73.9930, 1.8780, 10.0220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 73.6970, 6.3680, 27.7760 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(97, 54, 114)` looks like.

```
.text, #text, p{  
    color:rgb(97, 54, 114)  
}
```

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(97, 54, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 54, 114) }
```

Border

The CSS property to change the border of an element to YIQ 73.6970, 6.3680, 27.7760 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(97, 54, 114) }
```


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

```
.border{ border-color:rgb(97, 54, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 54, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 54, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 54, 114);  
box-shadow:4px 4px 4px 4px rgb(97, 54,  
114) }
```

Background

The CSS property to change the background color of an element to YIQ 73.6970, 6.3680, 27.7760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 54, 114) }
```

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

```
.background{ background-color: rgb(97, 54,  
114) }
```

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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