

Converting Colors

YIQ(71.9760, 26.9110, 13.3990)

Have a look what the booklet for
YIQ(71.9760, 26.9110, 13.3990)
contains.

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Color

**YIQ(71.9760, 26.9110,
13.3990)**

Conversions

Conversions Part 1

Format	Color
Hex	6A3841
RGB	106, 56, 65
RGB Percent	42%, 22%, 25%
CMY	0.5842, 0.7805, 0.7450
CMYK	0.00, 0.47, 0.39, 0.58
HSL	349°, 31%, 32%
HSV	349°, 47%, 42%
XYZ	8.3157, 6.2744, 5.7777
YIQ	71.9760, 26.9110, 13.3990

Conversions

Conversions Part 2

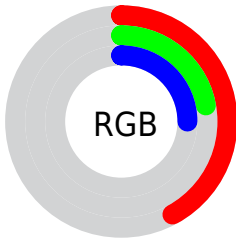
Format	Color
RYB	106, 56, 65
Decimal	6961217
CIELab	30.09, 23.28, 4.32
CIElCh	30, 23.682, 10.505
Yxy	6.2744, 0.4083, 0.3081
Android (android.graphics.Color)	4285151297 (0xFF6A3841)
YUV	71.9760, -3.4392, 29.8390
Hunter-Lab	25.0487, 15.4231, 3.8584

Details

The YIQ color **71.9760, 26.9110, 13.3990** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **90.0240, -26.9110, -13.3990**, and the grayscale version is **72.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **121.4710, 29.8910, 14.4590**, and **25.8230, 22.9680, 13.2720** is the 20% darker color. If you saturate the color by 10%, you get **64.4930, 32.8250, 16.3530**, and if you desaturate by 10%, it is **79.4590, 20.9970, 10.4450**.

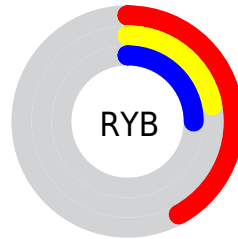
Distribution



Red (42%)

Green (22%)

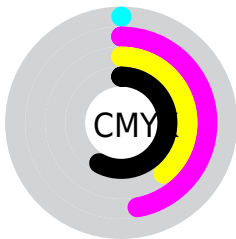
Blue (25%)



Red (42%)

Yellow (22%)

Blue (25%)

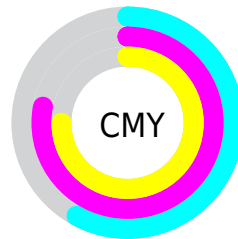


Cyan (0%)

Magenta (47%)

Yellow (39%)

Black (58%)



Cyan (58%)

Magenta (78%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 71.9760, 26.9110, 13.3990 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 71.9760, 26.9110, 13.3990 by changing the saturation by 10% instead.

71.9760, 26.9110,
13.3990

71.9760, 26.9110,
13.3990

255.0000, -0.0000,
-0.0000

48.4920, 25.3980,
13.2860

121.4710, 29.8910,
14.4590

25.8230, 22.9680,
13.2720

147.9550, 31.4040,
14.5720

11.1770, 21.7310,
8.1550

174.5530, 32.5960,
14.9960

0.0000, 0.0000,
0.0000

202.1510, 33.7880,
15.4200

225.0680, 23.6560,
11.8160

244.8100, 6.6470,

6.1910

■ 71.9760, 26.9110,
13.3990

■ 71.9760, 26.9110,
13.3990

■ 64.4930, 32.8250,
16.3530

■ 79.4590, 20.9970,
10.4450

■ 57.7110, 38.1430,
19.0950

■ 86.2410, 15.6790,
7.7030

■ 50.2280, 44.0570,
22.0490

■ 93.7240, 9.7650,
4.7490

■ 43.3320, 49.6960,
24.4800

■ 100.6200, 4.1260,
2.3180

■ 35.9630, 55.2890,
27.7450

■ 107.9890, -1.4670,
-0.9470

■ 33.8600, 57.0770,
28.3810

■ 115.4720, -7.3810,
-3.9010

■ 122.3680,
-13.0200, -6.3320

■ 129.8510,
-18.9340, -9.2860

■ 136.6330,
-24.2520, -12.0280

Harmonies

Analogous

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



73.2230, 16.0900, 16.7780



71.9760, 26.9110, 13.3990



70.9020, 29.7550, 5.9070

Triad

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



71.9760, 26.9110, 13.3990



66.7310, -1.2810, -15.3370



59.5720, -48.6450, -4.9730

Complementary

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



71.9760, 26.9110, 13.3990



90.0240, -26.9110, -13.3990

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.



57.0890, -51.8990, -12.0830



71.9760, 26.9110, 13.3990



62.8410, -22.1420, -17.2300

Square

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



71.9760, 26.9110, 13.3990



68.8640, 14.5820, -10.9700



56.3250, -46.9920, -18.4160



69.7220, -22.2840, 7.3800

Rectangle

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



71.9760, 26.9110, 13.3990



70.4300, 27.9680, -0.2560



56.3250, -46.9920, -18.4160



56.8270, -53.9170, -8.5490

Sweetspot

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



71.9760, 26.9110, 13.3990



124.4360, 10.6360, 5.4840



73.9590, 8.3860, 24.2420



60.8160, 6.5100, 3.1660



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.



71.9760, 26.9110, 13.3990



84.2170, 42.5900, 21.1020



80.3420, 25.4000, 2.2320



49.9080, 3.2550, 1.5830



37.3770, 62.9910, 31.3350



78.2710, 131.8960, 65.6240

Inverse Universe

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



71.9760, 26.9110, 13.3990



84.2170, 42.5900, 21.1020



81.6580, -25.4000, -2.2320



49.9080, 3.2550, 1.5830



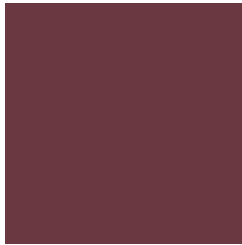
37.3770, 62.9910, 31.3350



78.2710, 131.8960, 65.6240

Previews

White Background



This preview shows how the YIQ color 71.9760, 26.9110, 13.3990 looks on a white background.

Color Contrast Check

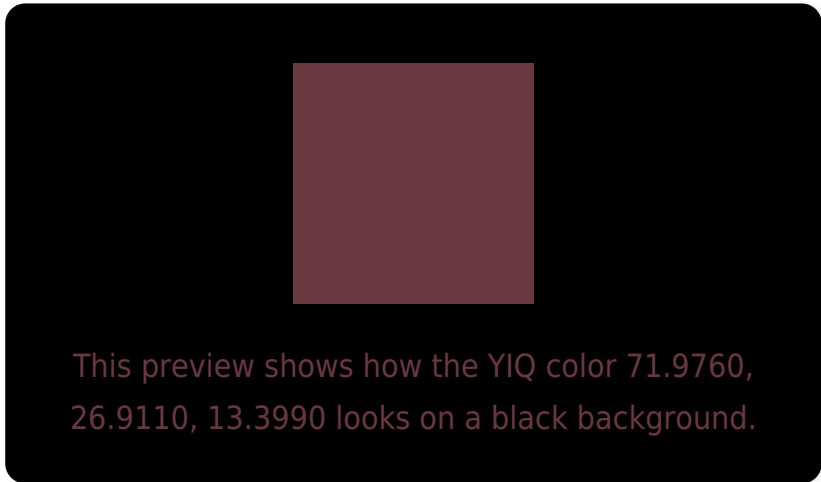
Large Text (above 18pt) WCAG AA ✓ Pass

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

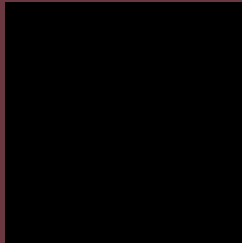
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 71.9760, 26.9110, 13.3990

Background



This preview shows how black text looks on a background with the YIQ color 71.9760, 26.9110, 13.3990.



This preview shows how white text looks on a background with the YIQ color 71.9760, 26.9110,

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

71.9760, 26.9110, 13.3990

Protanopia

71.5270, -0.0460, 0.8340

Deuteranopia

71.9040, 9.0780, 0.6780



Tritanopia

72.1070, 27.9200, 11.6320

Trichromacy



Original Color

71.9760, 26.9110, 13.3990

Protanomaly

71.8380, 9.4440, 5.0600

Deuteranomaly

71.7740, 15.4960, 5.5120

Tritanomaly

72.2210, 27.5990, 11.9430

Monochromacy



Original Color

71.9760, 26.9110, 13.3990

Achromatopsia

72.0000, -0.0000, 0.0000

Achromatomaly

71.7240, 9.7650, 4.7490

CSS Examples

Text

The CSS property to change the color of the text to YIQ 71.9760, 26.9110, 13.3990 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(106, 56, 65)` looks like.

```
.text, #text, p{  
    color:rgb(106, 56, 65)  
}
```

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(106, 56, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 56, 65) }
```

Border

The CSS property to change the border of an element to YIQ 71.9760, 26.9110, 13.3990 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(106, 56, 65) }
```


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

```
.border{ border-color:rgb(106, 56, 65) }
```

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

Here you see how a box with a 4 pixel rgb(106, 56, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 56, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 56, 65);  
box-shadow:4px 4px 4px 4px rgb(106, 56,  
65) }
```

Background

The CSS property to change the background color of an element to YIQ 71.9760, 26.9110, 13.3990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 56, 65) }
```

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

```
.background{ background-color: rgb(106, 56,  
65) }
```

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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