

Converting Colors

YIQ(40.1690, 51.7130, 26.4730)

Have a look what the booklet for
YIQ(40.1690, 51.7130, 26.4730)
contains.

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Color

**YIQ(40.1690, 51.7130,
26.4730)**

Conversions

Conversions Part 1

Format	Color
Hex	6A091C
RGB	106, 9, 28
RGB Percent	42%, 4%, 11%
CMY	0.5841, 0.9648, 0.8900
CMYK	0.00, 0.92, 0.74, 0.58
HSL	348°, 84%, 23%
HSV	348°, 92%, 42%
XYZ	6.2586, 3.3465, 1.4177
YIQ	40.1690, 51.7130, 26.4730

Conversions

Conversions Part 2

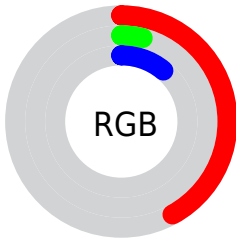
Format	Color
RYB	106, 9, 28
Decimal	6949148
CIELab	21.38, 40.78, 17.40
CIElCh	21, 44.336, 23.106
Yxy	3.3465, 0.5678, 0.3036
Android (android.graphics.Color)	4285139228 (0xFF6A091C)
YUV	40.1690, -5.9993, 57.7338
Hunter-Lab	18.2935, 29.0554, 8.2105

Details

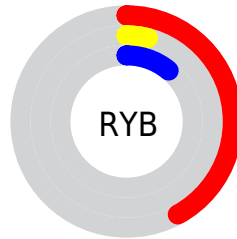
The YIQ color **40.1690, 51.7130, 26.4730** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **74.8310, -51.7130, -26.4730**, and the grayscale version is **40.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **95.5730, 56.2070, 22.1190**, and **15.9610, 31.2670, 11.5470** is the 20% darker color. If you saturate the color by 10%, you get **34.0880, 56.4350, 29.0030**, and if you desaturate by 10%, it is **47.6520, 45.7990, 23.5190**.

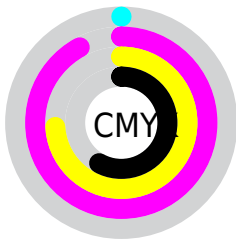
Distribution



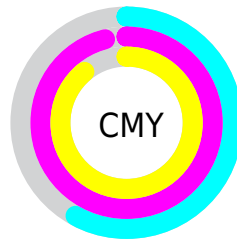
- Red (42%)
- Green (4%)
- Blue (11%)



- Red (42%)
- Yellow (4%)
- Blue (11%)



- Cyan (0%)
- Magenta (92%)
- Yellow (74%)
- Black (58%)



- Cyan (58%)
- Magenta (96%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 40.1690, 51.7130, 26.4730 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 40.1690, 51.7130, 26.4730 by changing the saturation by 10% instead.

■ 40.1690, 51.7130,
26.4730

■ 40.1690, 51.7130,
26.4730

■ 255.0000, -0.0000,
-0.0000

■ 23.8490, 46.4420,
17.3700

■ 95.5730, 56.2070,
22.1190

■ 15.9610, 31.2670,
11.5470

■ 121.6550, 58.9120,
22.6560

■ 2.6910, 5.3640,
1.9080

■ 148.7370, 61.6170,
23.1930


■ 0.0000, 0.0000,
0.0000


■ 176.4060, 64.0470,
23.2070


■ 196.2300, 49.7430,
18.1190


■ 215.7440, 33.3760,


11.8720


 235.9590, 16.4130,
5.4130


 40.1690, 51.7130,
26.4730


 40.1690, 51.7130,
26.4730


 34.0880, 56.4350,
29.0030

 47.6520, 45.7990,
23.5190

 54.4340, 40.4810,
20.7770

 61.9170, 34.5670,
17.8230

 68.6990, 29.2490,
15.0810

 76.1820, 23.3350,
12.1270

■ 83.5510, 17.7420,
8.8620

■ 90.4470, 12.1030,
6.4310

■ 97.8160, 6.5100,
3.1660

■ 104.7120, 0.8710,
0.7350

Harmonies

Analogous

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



40.2840, 41.6240, 38.6160



40.1690, 51.7130, 26.4730



46.3030, 47.4990, 3.7150

Triad

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



40.1690, 51.7130, 26.4730



36.9640, -18.6550, -30.8710



47.3840, -53.5070, 6.0530

Complementary

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



40.1690, 51.7130, 26.4730



74.8310, -51.7130, -26.4730

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.



48.8370, -50.7090, -0.6050



40.1690, 51.7130, 26.4730



42.9430, -31.3570, -20.9330

Square

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



40.1690, 51.7130, 26.4730



45.7180, 8.7610, -21.1190



46.8190, -42.2710, -10.3590



47.2450, -33.7020, 16.0740

Rectangle

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



40.1690, 51.7130, 26.4730



48.8620, 35.2590, -5.7410



46.8190, -42.2710, -10.3590



48.3300, -53.4150, 4.3850

Sweetspot

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



40.1690, 51.7130, 26.4730



112.8610, 19.8050, 10.0210



43.3800, 15.3510, 46.7030



54.0340, 11.8280, 5.9080



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.



40.1690, 51.7130, 26.4730



44.3400, 73.5810, 37.6530



55.0260, 49.8370, 5.3970



49.9080, 3.2550, 1.5830



37.6050, 62.3490, 31.9570



78.7270, 130.6120, 66.8680

Inverse Universe

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



40.1690, 51.7130, 26.4730



44.3400, 73.5810, 37.6530



59.9740, -49.8370, -5.3970



49.9080, 3.2550, 1.5830



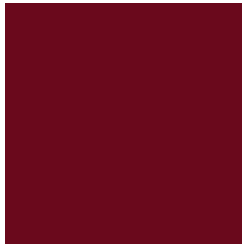
37.6050, 62.3490, 31.9570



78.7270, 130.6120, 66.8680

Previews

White Background



This preview shows how the YIQ color 40.1690, 51.7130, 26.4730 looks on a white background.

Color Contrast Check

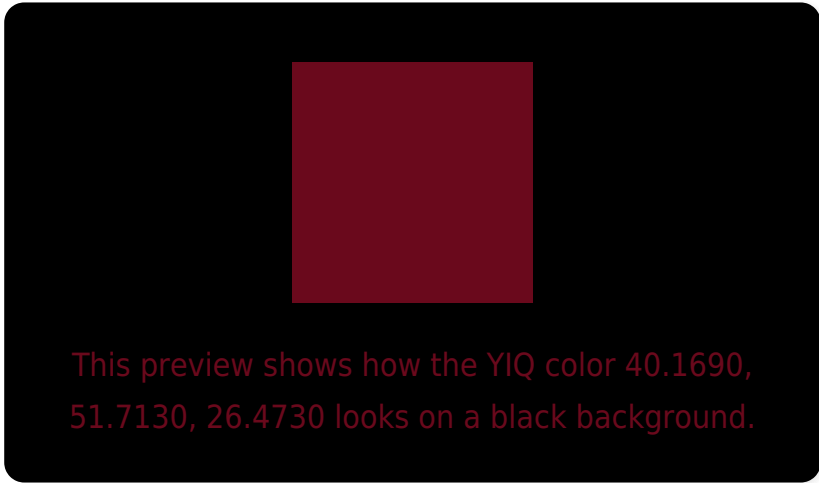
Large Text (above 18pt) WCAG AA ✓ Pass

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

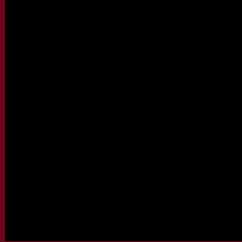
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 40.1690, 51.7130, 26.4730

Background



This preview shows how black text looks on a background with the YIQ color 40.1690, 51.7130, 26.4730.



This preview shows how white text looks on a background with the YIQ color 40.1690, 51.7130,

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

40.1690, 51.7130, 26.4730

Protanopia

53.8280, 6.2360, -2.8840

Deuteranopia

53.0650, 18.5700, -6.1500



Tritanopia

41.2800, 55.4740, 18.8820

Trichromacy



Original Color

40.1690, 51.7130, 26.4730

Protanomaly

48.9490, 22.3730, 7.5330

Deuteranomaly

48.0870, 30.6720, 5.8080

Tritanomaly

40.7900, 54.0980, 21.7940

Monochromacy



Original Color

40.1690, 51.7130, 26.4730

Achromatopsia

40.0000, 0.0000, -0.0000

Achromatomaly

40.2630, 18.6130, 9.5970

CSS Examples

Text

The CSS property to change the color of the text to YIQ 40.1690, 51.7130, 26.4730 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, 9, 28)` looks like.

```
.text, #text, p{  
    color:rgb(106, 9, 28)  
}
```

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, 9, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 9, 28) }
```

Border

The CSS property to change the border of an element to YIQ 40.1690, 51.7130, 26.4730 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, 9, 28) }
```


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

```
.border{ border-color:rgb(106, 9, 28) }
```

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

Here you see how a box with a 4 pixel rgb(106, 9, 28) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 9, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 9, 28);  
box-shadow:4px 4px 4px 4px rgb(106, 9, 28)  
}
```

Background

The CSS property to change the background color of an element to YIQ 40.1690, 51.7130, 26.4730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 9, 28) }
```

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

```
.background{ background-color: rgb(106, 9,  
28) }
```

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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