

Converting Colors

YIQ(70.5130, 22.0460, 41.0060)

Have a look what the booklet for
YIQ(70.5130, 22.0460, 41.0060)
contains.

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Color

**YIQ(70.5130, 22.0460,
41.0060)**

Conversions

Conversions Part 1

Format	Color
Hex	752674
RGB	117, 38, 116
RGB Percent	46%, 15%, 45%
CMY	0.5409, 0.8511, 0.5451
CMYK	0.00, 0.68, 0.01, 0.54
HSL	301°, 51%, 30%
HSV	301°, 68%, 46%
XYZ	11.1891, 6.4313, 17.1767
YIQ	70.5130, 22.0460, 41.0060

Conversions

Conversions Part 2

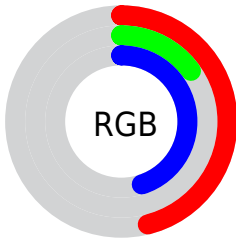
Format	Color
R_{YB}	117, 38, 116
Decimal	7677556
CIE _{Lab}	30.48, 44.72, -27.94
CIE _{LCh}	30, 52.732, 328.010
Yxy	6.4313, 0.3216, 0.1848
Android (android.graphics.Color)	4285867636 (0xFF752674)
YUV	70.5130, 22.4251, 40.7691
Hunter-Lab	25.3600, 34.3757, -22.4060

Details

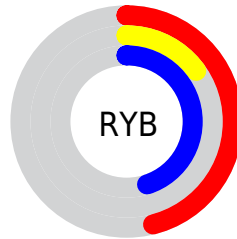
The YIQ color **70.5130, 22.0460, 41.0060** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **84.4870, -22.0460, -41.0060**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **123.1110, 23.2380, 41.4300**, and **27.0730, 17.2330, 34.6170** is the 20% darker color. If you saturate the color by 10%, you get **63.4690, 25.3460, 47.2820**, and if you desaturate by 10%, it is **77.5570, 18.7460, 34.7300**.

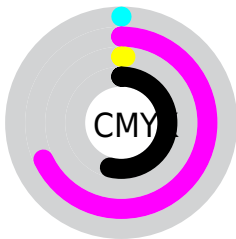
Distribution



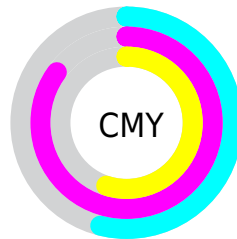
- Red (46%)
- Green (15%)
- Blue (45%)



- Red (46%)
- Yellow (15%)
- Blue (45%)



- Cyan (0%)
- Magenta (68%)
- Yellow (1%)
- Black (54%)





- Cyan (54%)
- Magenta (85%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 70.5130, 22.0460, 41.0060 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 70.5130, 22.0460, 41.0060 by changing the saturation by 10% instead.


 70.5130, 22.0460,
41.0060


 70.5130, 22.0460,
41.0060


255.0000, -0.0000,
-0.0000


 41.1050, 23.3750,
44.4550


 123.1110, 23.2380,
41.4300

 27.0730, 17.2330,
34.6170

 150.2360, 24.3840,
42.6880


 18.2860, 11.7790,
23.3230

 177.0620, 24.9340,
43.7340

 2.6220, -7.3830,
7.1530

 204.8770, 24.0170,
43.8330

 0.0000, 0.0000,
0.0000

 221.5410, 15.6750,
29.8110

 237.9770, 7.9750,

15.1670

■ 70.5130, 22.0460,
41.0060

■ 70.5130, 22.0460,
41.0060

■ 63.4690, 25.3460,
47.2820

■ 77.5570, 18.7460,
34.7300

■ 57.0120, 28.3710,
53.0350

■ 84.0140, 15.7210,
28.9770

■ 49.9680, 31.6710,
59.3110

■ 91.0580, 12.4210,
22.7010

■ 48.2070, 32.4960,
60.8800

■ 98.2160, 8.8000,
16.7360

■ 105.2600, 5.5000,
10.4600

■ 111.7170, 2.4750,
4.7070

■ 118.7610, -0.8250,
-1.5690

■ 125.8050, -4.1250,
-7.8450

■ 132.2620, -7.1500,
-13.5980

Harmonies

Analogous

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



70.5650, -28.4310, 25.1770



70.5130, 22.0460, 41.0060



58.7420, 55.1940, 45.9940

Triad

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



70.5130, 22.0460, 41.0060



67.7120, 35.2610, -16.7950



64.7830, -59.7850, -12.3370

Complementary

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



70.5130, 22.0460, 41.0060



84.4870, -22.0460, -41.0060

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.



59.9950, -46.3030, -25.3990



70.5130, 22.0460, 41.0060



61.9100, 7.8000, -31.2400

Square

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



70.5130, 22.0460, 41.0060



66.1160, 58.0910, -1.0210



53.2180, -31.3540, -37.5140



66.6700, -69.2320, -0.8160

Rectangle

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



70.5130, 22.0460, 41.0060



59.1970, 63.6780, 35.4060



53.2180, -31.3540, -37.5140



63.1870, -55.2910, -16.6910

Sweetspot

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



70.5130, 22.0460, 41.0060



134.8030, 8.5250, 16.2130



47.0060, -25.3590, 24.5690



65.7330, 5.5460, 9.6260



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.



70.5130, 22.0460, 41.0060



79.9840, 34.7420, 64.2300



66.1810, 34.2440, 29.1880



55.4780, 1.6500, 3.1380



50.2720, 33.8710, 63.4950



102.9080, 69.7130, 129.8170

Inverse Universe

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



70.5130, 22.0460, 41.0060



79.9840, 34.7420, 64.2300



88.9330, -34.5650, -28.8770



55.4780, 1.6500, 3.1380



50.2720, 33.8710, 63.4950



102.9080, 69.7130, 129.8170

Previews

White Background



This preview shows how the YIQ color 70.5130, 22.0460, 41.0060 looks on a white background.

Color Contrast Check

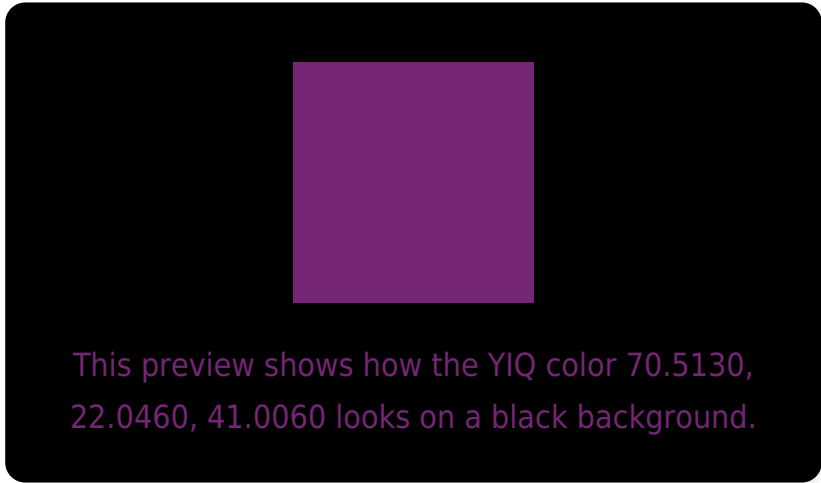
Large Text (above 18pt) WCAG AA ✓ Pass

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

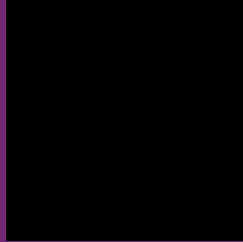
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 70.5130, 22.0460, 41.0060

Background



This preview shows how black text looks on a background with the YIQ color 70.5130, 22.0460, 41.0060.



This preview shows how white text looks on a background with the YIQ color 70.5130, 22.0460,

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

70.5130, 22.0460, 41.0060

Protanopia

64.0130, -53.6000, 13.2480

Deuteranopia

71.9500, -22.9260, 8.0020



Tritanopia

72.9010, 31.4960, 12.9040

Trichromacy



Original Color

70.5130, 22.0460, 41.0060

Protanomaly

66.1800, -25.9090, 23.5230

Deuteranomaly

71.4240, -6.2850, 20.2990

Tritanomaly

71.6700, 28.1930, 23.2090

Monochromacy



Original Color

70.5130, 22.0460, 41.0060

Achromatopsia

71.0000, -0.0000, -0.0000

Achromatomaly

70.8630, 8.2960, 14.8560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 70.5130, 22.0460, 41.0060 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(117, 38, 116)` looks like.

```
.text, #text, p{  
    color:rgb(117, 38, 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(117, 38, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 38, 116) }
```

Border

The CSS property to change the border of an element to YIQ 70.5130, 22.0460, 41.0060 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(117, 38, 116) }
```


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

```
.border{ border-color:rgb(117, 38, 116) }
```

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

Here you see how a box with a 4 pixel rgb(117, 38, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 38, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 38, 116);  
box-shadow:4px 4px 4px 4px rgb(117, 38,  
116) }
```

Background

The CSS property to change the background color of an element to YIQ 70.5130, 22.0460, 41.0060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 38, 116) }
```

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

```
.background{ background-color: rgb(117, 38,  
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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