

Converting Colors

YIQ(71.9260, 22.3210, 41.5290)

Have a look what the booklet for
YIQ(71.9260, 22.3210, 41.5290)
contains.

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Color

**YIQ(71.9260, 22.3210,
41.5290)**

Conversions

Conversions Part 1

Format	Color
Hex	772776
RGB	119, 39, 118
RGB Percent	47%, 15%, 46%
CMY	0.5331, 0.8472, 0.5372
CMYK	0.00, 0.67, 0.01, 0.53
HSL	301°, 51%, 31%
HSV	301°, 67%, 47%
XYZ	11.6110, 6.6833, 17.8198
YIQ	71.9260, 22.3210, 41.5290

Conversions

Conversions Part 2

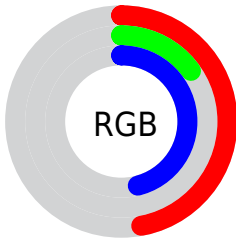
Format	Color
R_{YB}	119, 39, 118
Decimal	7808886
CIE _{Lab}	31.07, 45.18, -28.23
CIE _{LCh}	31, 53.281, 327.999
Yxy	6.6833, 0.3215, 0.1851
Android (android.graphics.Color)	4285998966 (0xFF772776)
YUV	71.9260, 22.7145, 41.2839
Hunter-Lab	25.8520, 34.9291, -22.7720

Details

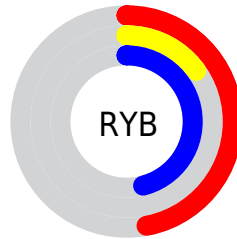
The YIQ color **71.9260, 22.3210, 41.5290** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **86.0740, -22.3210, -41.5290**, and the grayscale version is **72.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **124.9370, 23.7880, 42.4760**, and **27.8990, 17.7830, 35.6630** is the 20% darker color. If you saturate the color by 10%, you get **64.8820, 25.6210, 47.8050**, and if you desaturate by 10%, it is **78.9700, 19.0210, 35.2530**.

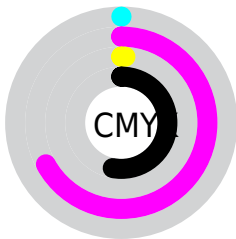
Distribution



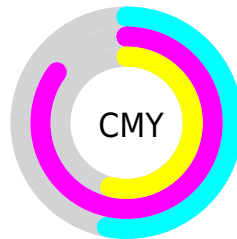
- Red (47%)
- Green (15%)
- Blue (46%)



- Red (47%)
- Yellow (15%)
- Blue (46%)



- Cyan (0%)
- Magenta (67%)
- Yellow (1%)
- Black (53%)



- Cyan (53%)
- Magenta (85%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 71.9260, 22.3210, 41.5290 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 71.9260, 22.3210, 41.5290 by changing the saturation by 10% instead.

71.9260, 22.3210,
41.5290

71.9260, 22.3210,
41.5290

255.0000, -0.0000,
-0.0000

42.5180, 23.6500,
44.9780

124.9370, 23.7880,
42.4760

27.8990, 17.7830,
35.6630

151.6490, 24.6590,
43.2110

18.8130, 11.7330,
24.1570

179.3610, 25.5300,
43.9460

3.7470, -6.2370,
8.4110

205.6920, 23.1000,
43.9320

0.0000, 0.0000,
0.0000

222.1280, 15.4000,
29.2880

239.1510, 7.4250,

14.1210

■ 71.9260, 22.3210,
41.5290

■ 71.9260, 22.3210,
41.5290

■ 64.8820, 25.6210,
47.8050

■ 78.9700, 19.0210,
35.2530

■ 57.8380, 28.9210,
54.0810

■ 86.0140, 15.7210,
28.9770

■ 50.7940, 32.2210,
60.3570

■ 93.0580, 12.4210,
22.7010

■ 48.9190, 33.3670,
61.6150

■ 100.2160, 8.8000,
16.7360

■ 107.2600, 5.5000,
10.4600

■ 113.7170, 2.4750,
4.7070

■ 120.7610, -0.8250,
-1.5690

■ 127.8050, -4.1250,
-7.8450

■ 134.8490, -7.4250,
-14.1210

Harmonies

Analogous

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



72.0920, -28.4770, 26.0110



71.9260, 22.3210, 41.5290



60.4540, 56.0650, 46.7290

Triad

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



71.9260, 22.3210, 41.5290



68.8970, 36.1780, -16.8940



66.0710, -60.6560, -13.0720

Complementary

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



71.9260, 22.3210, 41.5290



86.0740, -22.3210, -41.5290

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.



61.2830, -47.1740, -26.1340



71.9260, 22.3210, 41.5290



63.3830, 7.8460, -32.0740

Square

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



71.9260, 22.3210, 41.5290



67.3010, 59.0080, -1.1200



54.3920, -31.9040, -38.5600



68.0720, -70.4240, -1.2400

Rectangle

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



71.9260, 22.3210, 41.5290



60.4960, 64.2740, 35.6180



54.3920, -31.9040, -38.5600



64.5890, -56.4830, -17.1150

Sweetspot

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



71.9260, 22.3210, 41.5290



137.1020, 9.1210, 16.4250



48.1200, -25.6800, 24.8800



67.8470, 5.2250, 9.9370



207.0000, 0.0000, -0.0000



79.0000, -0.0000, 0.0000

Same Dimension

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



71.9260, 22.3210, 41.5290



81.8100, 35.2920, 65.2760



67.4800, 34.8400, 29.4000



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.



71.9260, 22.3210, 41.5290



81.8100, 35.2920, 65.2760



90.5200, -34.8400, -29.4000



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 71.9260, 22.3210, 41.5290 looks on a white background.

Color Contrast Check

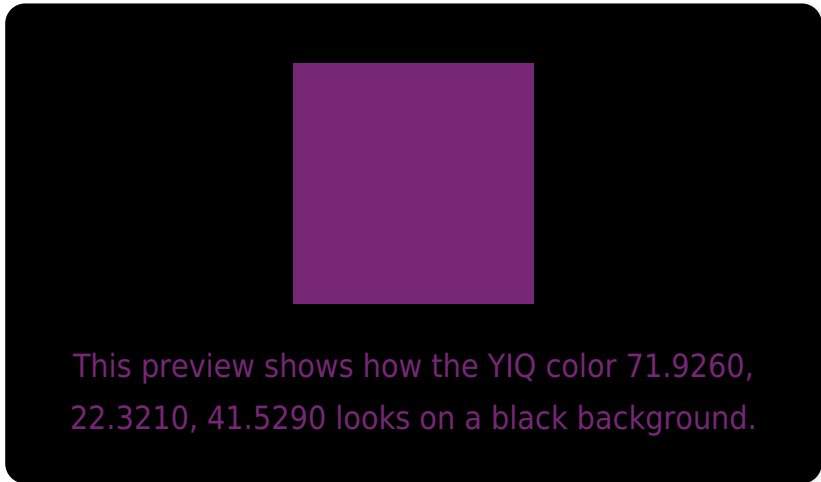
Large Text (above 18pt) WCAG AA ✓ Pass

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

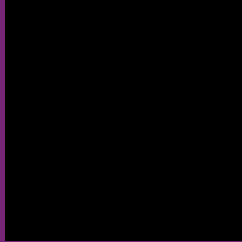
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 71.9260, 22.3210, 41.5290

Background



This preview shows how black text looks on a background with the YIQ color 71.9260, 22.3210, 41.5290.



This preview shows how white text looks on a background with the YIQ color 71.9260, 22.3210,

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

71.9260, 22.3210, 41.5290

Protanopia

65.7140, -54.1960, 13.0360

Deuteranopia

72.9500, -22.9260, 8.0020



Tritanopia

74.2000, 32.0920, 13.1160

Trichromacy



Original Color

71.9260, 22.3210, 41.5290

Protanomaly

67.8810, -26.5050, 23.3110

Deuteranomaly

72.4240, -6.2850, 20.2990

Tritanomaly

73.0830, 28.4680, 23.7320

Monochromacy



Original Color

71.9260, 22.3210, 41.5290

Achromatopsia

72.0000, -0.0000, 0.0000

Achromatomaly

71.9770, 7.9750, 15.1670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 71.9260, 22.3210, 41.5290 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(119, 39, 118)` looks like.

```
.text, #text, p{  
    color:rgb(119, 39, 118)  
}
```

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(119, 39, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 39, 118) }
```

Border

The CSS property to change the border of an element to YIQ 71.9260, 22.3210, 41.5290 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(119, 39, 118) }
```


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

```
.border{ border-color:rgb(119, 39, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 39, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 39, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 39, 118);  
box-shadow:4px 4px 4px 4px rgb(119, 39,  
118) }
```

Background

The CSS property to change the background color of an element to YIQ 71.9260, 22.3210, 41.5290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 39, 118) }
```

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

```
.background{ background-color: rgb(119, 39,  
118) }
```

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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