

Converting Colors

YIQ(75.9130, 41.5310, 45.8110)

Have a look what the booklet for
YIQ(75.9130, 41.5310, 45.8110)
contains.

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Color

**YIQ(75.9130, 41.5310,
45.8110)**

Conversions

Conversions Part 1

Format	Color
Hex	90236C
RGB	144, 35, 108
RGB Percent	56%, 14%, 42%
CMY	0.4350, 0.8629, 0.5764
CMYK	0.00, 0.76, 0.25, 0.43
HSL	320°, 61%, 35%
HSV	320°, 76%, 57%
XYZ	14.8231, 8.2190, 15.0002
YIQ	75.9130, 41.5310, 45.8110

Conversions

Conversions Part 2

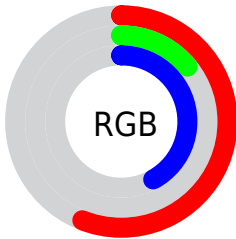
Format	Color
R_{YB}	144, 35, 108
Decimal	9446252
CIE _{Lab}	34.43, 51.74, -16.34
CIE _{LCh}	34, 54.262, 342.477
Yxy	8.2190, 0.3896, 0.2160
Android (android.graphics.Color)	4287636332 (0xFF90236C)
YUV	75.9130, 15.8189, 59.7123
Hunter-Lab	28.6687, 42.1227, -10.9539

Details

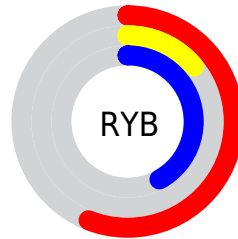
The YIQ color **75.9130, 41.5310, 45.8110** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **103.0870, -41.5310, -45.8110**, and the grayscale version is **76.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **131.7560, 43.4110, 44.7790**, and **33.4510, 33.7840, 37.5280** is the 20% darker color. If you saturate the color by 10%, you get **67.1250, 46.9860, 51.5780**, and if you desaturate by 10%, it is **84.7010, 36.0760, 40.0440**.

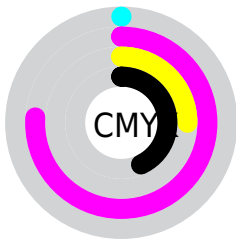
Distribution



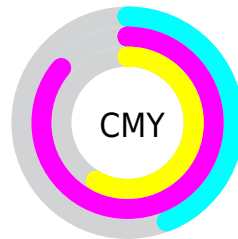
- Red (56%)
- Green (14%)
- Blue (42%)



- Red (56%)
- Yellow (14%)
- Blue (42%)



- Cyan (0%)
- Magenta (76%)
- Yellow (25%)
- Black (43%)





- Cyan (44%)
- Magenta (86%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 75.9130, 41.5310, 45.8110 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 75.9130, 41.5310, 45.8110 by changing the saturation by 10% instead.


 75.9130, 41.5310,
45.8110

 75.9130, 41.5310,
45.8110


255.0000, -0.0000,
-0.0000


 44.2600, 42.1720,
50.7160


 131.7560, 43.4110,
44.7790


 33.4510, 33.7840,
37.5280

 159.3540, 44.6030,
45.2030


 23.5820, 25.6250,
25.6970

 185.7560, 43.4110,
44.7790

 13.1860, 17.5120,
13.0320

 205.4980, 26.4020,
39.1540

 0.0000, 0.0000,
0.0000

 223.3020, 14.8500,
28.2420

 240.3250, 6.8750,

13.0750

■ 75.9130, 41.5310,
45.8110

■ 75.9130, 41.5310,
45.8110

■ 67.1250, 46.9860,
51.5780

■ 84.7010, 36.0760,
40.0440

■ 57.8640, 52.3950,
58.1790

■ 94.0760, 30.3460,
33.7540

■ 54.0000, 55.0080,
60.3840

■ 102.7500, 25.2120,
27.6760

■ 112.1250, 19.4820,
21.3860

■ 120.9130, 14.0270,
15.6190

■ 129.7010, 8.5720,
9.8520

■ 138.9620, 3.1630,
3.2510

■ 147.7500, -2.2920,
-2.5160

■ 157.1250, -8.0220,
-8.8060

Harmonies

Analogous

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



82.8460, -1.0610, 35.7630



75.9130, 41.5310, 45.8110



69.9030, 64.6860, 39.1660

Triad

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



75.9130, 41.5310, 45.8110



74.7120, 26.0930, -26.8590



73.9590, -71.8440, -8.5480

Complementary

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



75.9130, 41.5310, 45.8110



103.0870, -41.5310, -45.8110

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.



69.8720, -58.9580, -21.8220



75.9130, 41.5310, 45.8110



64.0770, -9.2080, -42.3920

Square

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



75.9130, 41.5310, 45.8110



76.0840, 51.9490, -10.8590



63.5680, -43.9630, -34.7710



73.2870, -78.2190, 2.3650

Rectangle

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



75.9130, 41.5310, 45.8110



72.8470, 67.1190, 22.5990



63.5680, -43.9630, -34.7710



72.5910, -67.9920, -12.2800

Sweetspot

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



75.9130, 41.5310, 45.8110



159.1630, 16.3190, 18.1350



57.8910, -14.1290, 41.3190



77.8260, 9.7180, 11.1100



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



75.9130, 41.5310, 45.8110



80.4130, 64.4510, 70.9710



69.8710, 58.5440, 29.3280



66.6630, 2.5670, 3.0390



50.6250, 51.5700, 56.6100



2.9620, 3.1630, 3.2510

Inverse Universe

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



75.9130, 41.5310, 45.8110



80.4130, 64.4510, 70.9710



109.1290, -58.5440, -29.3280



66.6630, 2.5670, 3.0390



50.6250, 51.5700, 56.6100



2.9620, 3.1630, 3.2510

Previews

White Background



This preview shows how the YIQ color 75.9130, 41.5310, 45.8110 looks on a white background.

Color Contrast Check

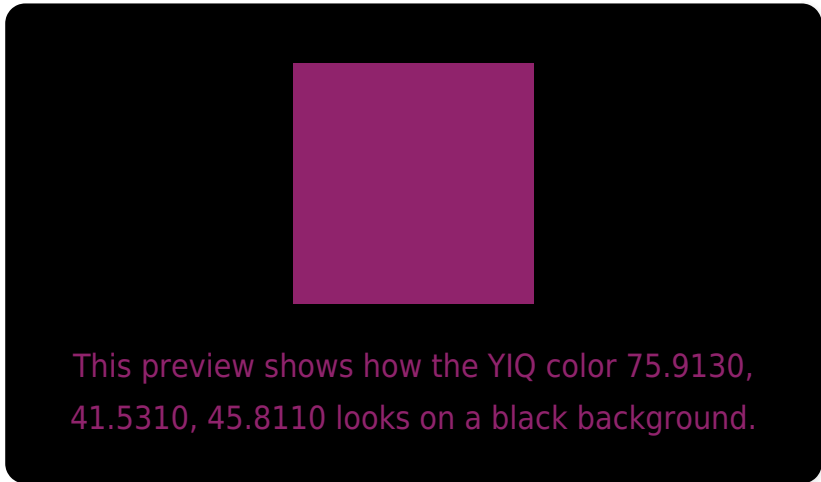
Large Text (above 18pt) WCAG AA ✓ Pass

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

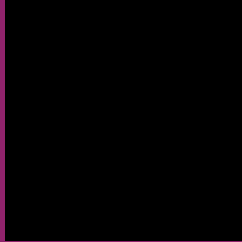
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 75.9130, 41.5310, 45.8110

Background



This preview shows how black text looks on a background with the YIQ color 75.9130, 41.5310, 45.8110.



This preview shows how white text looks on a background with the YIQ color 75.9130, 41.5310,

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

75.9130, 41.5310, 45.8110

Protanopia

79.7070, -35.1230, 14.2930

Deuteranopia

83.0950, -7.3370, 6.3190



Tritanopia

78.6540, 51.4850, 19.5890

Trichromacy



Original Color

75.9130, 41.5310, 45.8110

Protanomaly

78.4010, -7.4780, 25.4020

Deuteranomaly

80.2210, 10.4040, 20.7080

Tritanomaly

77.5970, 47.6320, 28.8480

Monochromacy



Original Color

75.9130, 41.5310, 45.8110

Achromatopsia

76.0000, -0.0000, -0.0000

Achromatomaly

76.0380, 15.1730, 16.8770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 75.9130, 41.5310, 45.8110 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(144, 35, 108)` looks like.

```
.text, #text, p{  
    color:rgb(144, 35, 108)  
}
```

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(144, 35, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 35, 108) }
```

Border

The CSS property to change the border of an element to YIQ 75.9130, 41.5310, 45.8110 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(144, 35, 108) }
```


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

```
.border{ border-color:rgb(144, 35, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 35, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(144, 35, 108); -webkit-box-shadow:4px 4px 4px 4px rgb(144, 35, 108); box-shadow:4px 4px 4px 4px rgb(144, 35, 108) }
```

Background

The CSS property to change the background color of an element to YIQ 75.9130, 41.5310, 45.8110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 35, 108) }
```

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

```
.background{ background-color: rgb(144, 35,  
108) }
```

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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