

Converting Colors

YIQ(90.8310, 38.8260, 45.2740)

Have a look what the booklet for
YIQ(90.8310, 38.8260, 45.2740)
contains.

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Color

**YIQ(90.8310, 38.8260,
45.2740)**

Conversions

Conversions Part 1

Format	Color
Hex	9C337D
RGB	156, 51, 125
RGB Percent	61%, 20%, 49%
CMY	0.3879, 0.8002, 0.5097
CMYK	0.00, 0.67, 0.20, 0.39
HSL	318°, 51%, 41%
HSV	318°, 67%, 61%
XYZ	18.6101, 10.9206, 20.5373
YIQ	90.8310, 38.8260, 45.2740

Conversions

Conversions Part 2

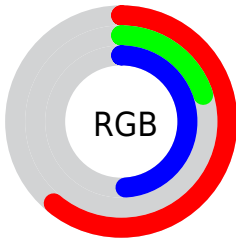
Format	Color
R_{YB}	156, 51, 125
Decimal	10236797
CIE _{Lab}	39.45, 51.35, -19.10
CIE _{LCh}	39, 54.785, 339.594
Yxy	10.9206, 0.3717, 0.2181
Android (android.graphics.Color)	4288426877 (0xFF9C337D)
YUV	90.8310, 16.8453, 57.1532
Hunter-Lab	33.0463, 42.6916, -13.7147

Details

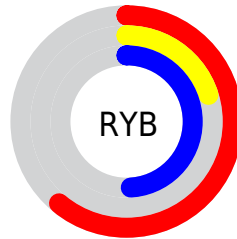
The YIQ color **90.8310, 38.8260, 45.2740** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **116.1690, -38.8260, -45.2740**, and the grayscale version is **91.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **145.6140, 40.9350, 45.5990**, and **38.8630, 35.8000, 45.0480** is the 20% darker color. If you saturate the color by 10%, you get **80.8690, 44.8310, 52.0870**, and if you desaturate by 10%, it is **100.7930, 32.8210, 38.4610**.

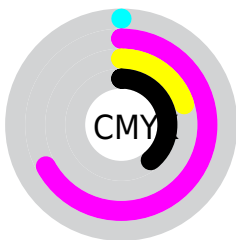
Distribution



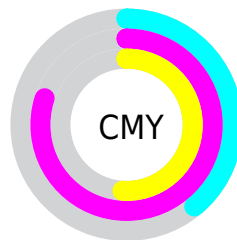
- Red (61%)
- Green (20%)
- Blue (49%)



- Red (61%)
- Yellow (20%)
- Blue (49%)



- Cyan (0%)
- Magenta (67%)
- Yellow (20%)
- Black (39%)



- Cyan (39%)
- Magenta (80%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 90.8310, 38.8260, 45.2740 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 90.8310, 38.8260, 45.2740 by changing the saturation by 10% instead.

90.8310, 38.8260,
45.2740

90.8310, 38.8260,
45.2740

255.0000, -0.0000,
-0.0000

60.8250, 38.9630,
48.2990

145.6140, 40.9350,
45.5990

38.8630, 35.8000,
45.0480

173.5110, 42.7230,
46.2350

28.4670, 27.6870,
32.3830

196.8410, 32.8660,
43.1540

19.1960, 20.7200,
20.9760

215.6710, 18.4250,
35.0410

4.4140, 7.7020,
3.5900

232.1070, 10.7250,
20.3970

0.0000, 0.0000,
0.0000

249.1300, 2.7500,

5.2300

■ 90.8310, 38.8260,
45.2740

■ 90.8310, 38.8260,
45.2740

■ 80.8690, 44.8310,
52.0870

■ 100.7930, 32.8210,
38.4610

■ 71.6080, 50.2400,
58.6880

■ 110.0540, 27.4120,
31.8600

■ 61.6460, 56.2450,
65.5010

■ 120.0160, 21.4070,
25.0470

■ 59.1840, 57.6660,
67.2820

■ 129.2770, 15.9980,
18.4460

■ 139.2390, 9.9930,
11.6330

■ 149.2010, 3.9880,
4.8200

■ 158.4620, -1.4210,
-1.7810

■ 168.4240, -7.4260,
-8.5940

■ 177.7990,
-13.1560, -14.8840

Harmonies

Analogous

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



95.3940, -5.6000, 35.4240



90.8310, 38.8260, 45.2740



85.0170, 64.3650, 39.4770

Triad

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



90.8310, 38.8260, 45.2740



86.2520, 33.2000, -29.0080



82.7300, -78.6290, -12.2370

Complementary

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



90.8310, 38.8260, 45.2740



116.1690, -38.8260, -45.2740

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.



78.5290, -65.4220, -25.8220



90.8310, 38.8260, 45.2740



78.1270, -3.4770, -41.6290

Square

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



90.8310, 38.8260, 45.2740



87.3360, 59.9270, -12.2730



71.9970, -49.7850, -39.3930



82.4000, -85.9670, -0.3910

Rectangle

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



90.8310, 38.8260, 45.2740



86.0970, 69.4110, 25.1150



71.9970, -49.7850, -39.3930



81.8350, -74.7310, -16.8030

Sweetspot

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



90.8310, 38.8260, 45.2740



178.5650, 15.1270, 17.7110



71.9400, -15.8250, 39.0150



87.1140, 8.8470, 10.3750



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000

Same Dimension

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



90.8310, 38.8260, 45.2740



101.5590, 61.1040, 71.0560



85.0170, 55.1970, 29.4130



74.0760, 2.8420, 3.5620



54.2710, 52.8070, 61.7270



5.7390, 5.4090, 6.6010

Inverse Universe

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



90.8310, 38.8260, 45.2740



101.5590, 61.1040, 71.0560



121.9830, -55.1970, -29.4130



74.0760, 2.8420, 3.5620



54.2710, 52.8070, 61.7270



5.7390, 5.4090, 6.6010

Previews

White Background



This preview shows how the YIQ color 90.8310, 38.8260, 45.2740 looks on a white background.

Color Contrast Check

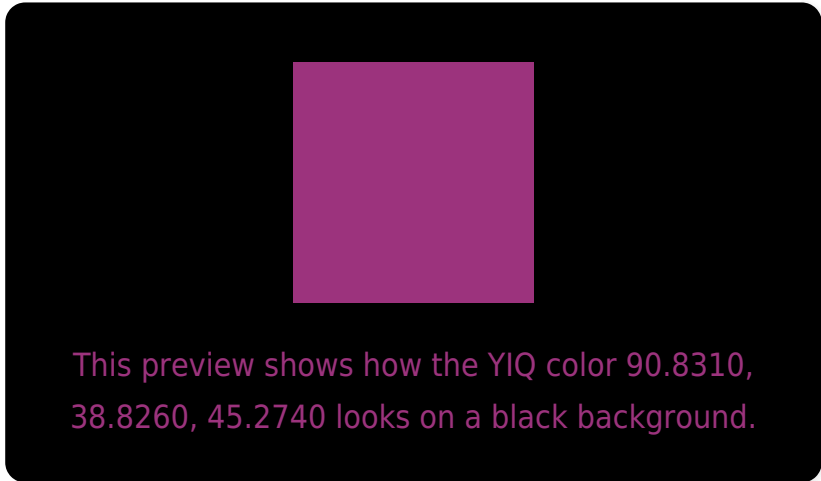
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

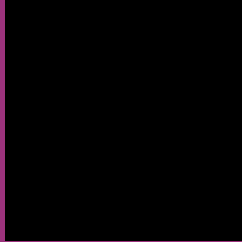
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 90.8310, 38.8260, 45.2740

Background



This preview shows how black text looks on a background with the YIQ color 90.8310, 38.8260, 45.2740.



This preview shows how white text looks on a background with the YIQ color 90.8310, 38.8260,

45.2740.

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

90.8310, 38.8260, 45.2740

Protanopia

91.6360, -36.3610, 14.7030

Deuteranopia

94.4800, -9.8590, 7.9730



Tritanopia

91.9850, 49.0550, 19.5750

Trichromacy



Original Color

90.8310, 38.8260, 45.2740

Protanomaly

91.3300, -8.7160, 25.8120

Deuteranomaly

93.0790, 7.9280, 21.5280

Tritanomaly

91.9280, 45.2020, 28.8340

Monochromacy



Original Color

90.8310, 38.8260, 45.2740

Achromatopsia

91.0000, -0.0000, -0.0000

Achromatomaly

90.7390, 14.5770, 16.6650

CSS Examples

Text

The CSS property to change the color of the text to YIQ 90.8310, 38.8260, 45.2740 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(156, 51, 125)` looks like.

```
.text, #text, p{  
    color:rgb(156, 51, 125)  
}
```

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(156, 51, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 51, 125) }
```

Border

The CSS property to change the border of an element to YIQ 90.8310, 38.8260, 45.2740 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(156, 51, 125) }
```


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

```
.border{ border-color:rgb(156, 51, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 51, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(156, 51, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(156, 51, 125); box-shadow:4px 4px 4px 4px rgb(156, 51, 125) }
```

Background

The CSS property to change the background color of an element to YIQ 90.8310, 38.8260, 45.2740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 51, 125) }
```

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

```
.background{ background-color: rgb(156, 51,  
125) }
```

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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