

Converting Colors

YIQ(64.5140, 39.7820, 83.0300)

Have a look what the booklet for
YIQ(64.5140, 39.7820, 83.0300)
contains.

YIQ(64.5140, 39.7820, 83.0300)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(64.5140, 39.7820,
83.0300)**

Conversions

Conversions Part 1

Format	Color
Hex	9A00A2
RGB	154, 0, 162
RGB Percent	60%, 0%, 64%
CMY	0.3956, 0.9999, 0.3647
CMYK	0.05, 1.00, 0.00, 0.36
HSL	297°, 100%, 32%
HSV	297°, 100%, 64%
XYZ	19.8714, 9.4907, 34.9708
YIQ	64.5140, 39.7820, 83.0300

Conversions

Conversions Part 2

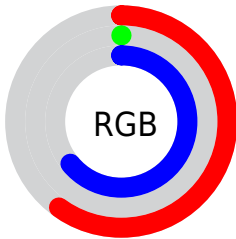
Format	Color
RYB	154, 0, 162
Decimal	10092706
CIELab	36.91, 68.69, -45.74
CIElCh	37, 82.521, 326.341
Yxy	9.4907, 0.3089, 0.1475
Android (android.graphics.Color)	4288282786 (0xFF9A00A2)
YUV	64.5140, 48.0606, 78.4792
Hunter-Lab	30.8069, 61.2262, -45.7389

Details

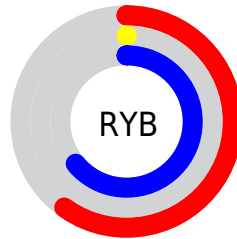
The YIQ color **64.5140, 39.7820, 83.0300** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **97.4860, -39.7820, -83.0300**, and the grayscale version is **64.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **135.2000, 34.3740, 70.9020**, and **41.7280, 23.4190, 54.6750** is the 20% darker color. If you saturate the color by 10%, you get **64.5140, 39.7820, 83.0300**, and if you desaturate by 10%, it is **74.2050, 35.9780, 74.8740**.

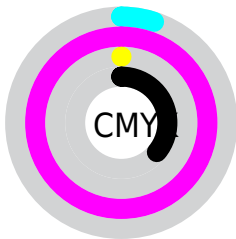
Distribution



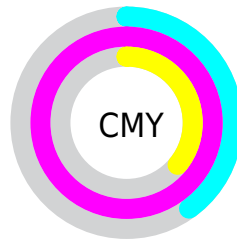
- Red (60%)
- Green (0%)
- Blue (64%)



- Red (60%)
- Yellow (0%)
- Blue (64%)



- Cyan (5%)
- Magenta (100%)
- Yellow (0%)
- Black (36%)





- Cyan (40%)
- Magenta (100%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 64.5140, 39.7820, 83.0300 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 64.5140, 39.7820, 83.0300 by changing the saturation by 10% instead.


 64.5140, 39.7820,
83.0300


 64.5140, 39.7820,
83.0300


255.0000, -0.0000,
-0.0000


 53.0640, 31.7610,
68.6970

 135.2000, 34.3740,
70.9020


 41.7280, 23.4190,
54.6750


 164.3850, 35.2910,
70.8030


 30.5060, 14.7560,
40.9640


 186.3210, 32.1750,
61.1910

 20.4090, 7.2390,
28.5110

 202.7570, 24.4750,
46.5470

 5.2290, -10.4100,
12.4540

 219.7800, 16.5000,
31.3800

 2.1830, -4.7690,
3.8310

 236.8030, 8.5250,

 0.0000, 0.0000,

16.2130

0.0000

254.4130, 0.2750,
0.5230

■ 64.5140, 39.7820,
83.0300

■ 74.2050, 35.9780,
74.8740

■ 83.8960, 32.1740,
66.7180

■ 93.8750, 27.4990,
57.8270

■ 103.5660, 23.6950,
49.6710

■ 113.2570, 19.8910,
41.5150

■ 122.9480, 16.0870,
33.3590

■ 132.6390, 12.2830,
25.2030

■ 142.6180, 7.6080,
16.3120

■ 152.3090, 3.8040,
8.1560

Harmonies

Analogous

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



71.4610, -77.6280, 30.2120



64.5140, 39.7820, 83.0300



68.8790, 83.5700, 71.3940

Triad

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



64.5140, 39.7820, 83.0300



82.2200, 45.3940, -18.7180



82.2740, -77.3450, -13.4810

Complementary

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



64.5140, 39.7820, 83.0300



97.4860, -39.7820, -83.0300

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.



73.9350, -55.2420, -34.1060



64.5140, 39.7820, 83.0300



72.4540, -0.0840, -42.5480

Square

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



64.5140, 39.7820, 83.0300



75.4400, 83.9020, 10.2860



63.3960, -29.7000, -56.4840



87.2560, -94.1290, 4.3590

Rectangle

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



64.5140, 39.7820, 83.0300



64.5750, 98.5650, 58.4450



63.3960, -29.7000, -56.4840



79.7660, -70.2830, -20.3230

Sweetspot

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



64.5140, 39.7820, 83.0300



173.5350, 15.8120, 32.8360



23.1640, -54.2020, 46.1980



84.0960, 9.2580, 19.4500



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



64.5140, 39.7820, 83.0300



84.2670, 51.7440, 108.5440



58.5840, 67.9830, 62.0230



76.4180, 1.8790, 4.4950



57.7920, 35.7030, 74.3510



7.1350, 4.3540, 9.2020

Inverse Universe

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



49.3500, 93.9840, 36.8320



64.5280, 123.1420, 48.0540



103.4160, -67.9830, -62.0230



75.8050, 5.0430, 2.2190



44.1530, 84.1730, 32.9170



5.4960, 10.4070, 4.1270

Previews

White Background



This preview shows how the YIQ color 64.5140, 39.7820, 83.0300 looks on a white background.

Color Contrast Check

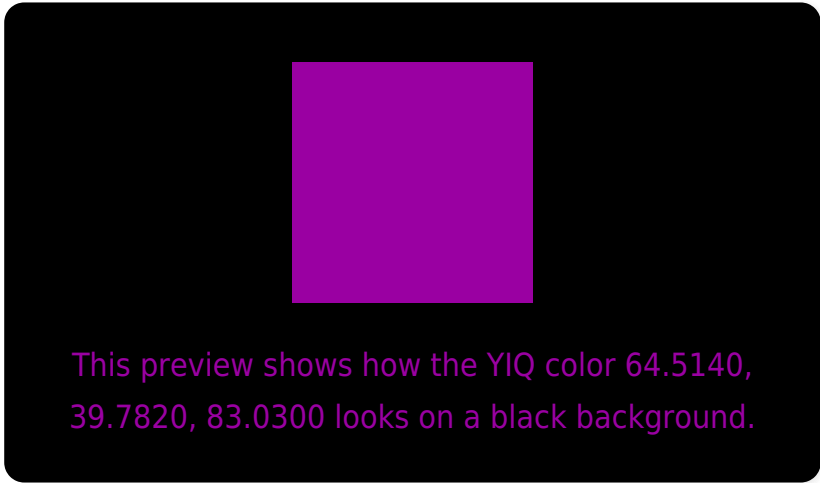
Large Text (above 18pt) WCAG AA ✓ Pass

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 64.5140, 39.7820, 83.0300

Background



This preview shows how black text looks on a background with the YIQ color 64.5140, 39.7820, 83.0300.



This preview shows how white text looks on a background with the YIQ color 64.5140, 39.7820,

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

64.5140, 39.7820, 83.0300

Protanopia

71.3440, -82.3930, 11.9350

Deuteranopia

83.3140, -47.3180, 9.5300



Tritanopia

88.0770, 45.8000, 17.9920

Trichromacy



Original Color

64.5140, 39.7820, 83.0300



Protanomaly

68.9790, -37.9240, 37.5320



Deuteranomaly

76.3590, -15.6870, 36.5130



Tritanomaly

79.6480, 43.5950, 41.4430

Monochromacy



Original Color

64.5140, 39.7820, 83.0300



Achromatopsia

65.0000, -0.0000, -0.0000



Achromatomaly

64.4700, 14.4370, 30.2210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 64.5140, 39.7820, 83.0300 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(154, 0, 162)` looks like.

```
.text, #text, p{  
    color:rgb(154, 0, 162)  
}
```

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(154, 0, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 0, 162) }
```

Border

The CSS property to change the border of an element to YIQ 64.5140, 39.7820, 83.0300 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(154, 0, 162) }
```


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

```
.border{ border-color:rgb(154, 0, 162) }
```

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

Here you see how a box with a 4 pixel rgb(154, 0, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 0, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 0, 162);  
box-shadow:4px 4px 4px 4px rgb(154, 0,  
162) }
```

Background

The CSS property to change the background color of an element to YIQ 64.5140, 39.7820, 83.0300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 0, 162) }
```

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

```
.background{ background-color: rgb(154, 0,  
162) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor