

Converting Colors

YIQ(91.4030, 34.8800, 61.7280)

Have a look what the booklet for
YIQ(91.4030, 34.8800, 61.7280)
contains.

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Color

**YIQ(91.4030, 34.8800,
61.7280)**

Conversions

Conversions Part 1

Format	Color
Hex	A32A9E
RGB	163, 42, 158
RGB Percent	64%, 16%, 62%
CMY	0.3604, 0.8355, 0.3803
CMYK	0.00, 0.74, 0.03, 0.36
HSL	303°, 59%, 40%
HSV	303°, 74%, 64%
XYZ	22.1219, 11.9176, 33.4877
YIQ	91.4030, 34.8800, 61.7280

Conversions

Conversions Part 2

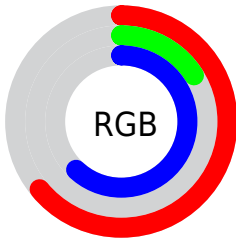
Format	Color
RYB	163, 42, 158
Decimal	10693278
CIELab	41.08, 61.51, -36.58
CIELCh	41, 71.561, 329.259
Yxy	11.9176, 0.3276, 0.1765
Android (android.graphics.Color)	4288883358 (0xFFA32A9E)
YUV	91.4030, 32.8323, 62.7906
Hunter-Lab	34.5219, 53.9706, -33.3485

Details

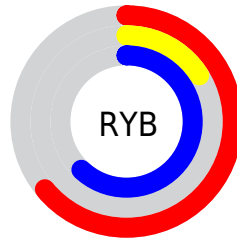
The YIQ color **91.4030, 34.8800, 61.7280** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **113.5970, -34.8800, -61.7280**, and the grayscale version is **91.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **149.0610, 35.8430, 60.7950**, and **44.0770, 29.7460, 55.6500** is the 20% darker color. If you saturate the color by 10%, you get **81.8970, 39.6010, 69.7850**, and if you desaturate by 10%, it is **100.9090, 30.1590, 53.6710**.

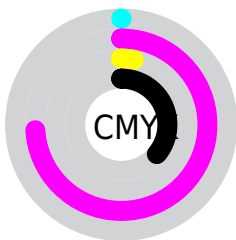
Distribution



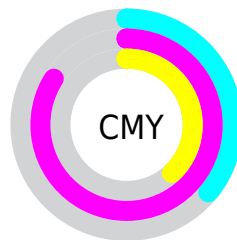
- Red (64%)
- Green (16%)
- Blue (62%)



- Red (64%)
- Yellow (16%)
- Blue (62%)



- Cyan (0%)
- Magenta (74%)
- Yellow (3%)
- Black (36%)



- Cyan (36%)
- Magenta (84%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 91.4030, 34.8800, 61.7280 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 91.4030, 34.8800, 61.7280 by changing the saturation by 10% instead.

91.4030, 34.8800,
61.7280

91.4030, 34.8800,
61.7280

255.0000, -0.0000,
-0.0000

55.4130, 38.0880,
69.6720

149.0610, 35.8430,
60.7950

44.0770, 29.7460,
55.6500

177.7730, 36.7140,
61.5300

33.1540, 21.6790,
42.1510

196.8870, 27.2250,
51.7770

23.3560, 14.7580,
29.9100

213.9100, 19.2500,
36.6100

11.7640, 4.2610,
16.3970

230.3460, 11.5500,
21.9660

1.1400, -3.2100,
3.1100

247.9560, 3.3000,

0.0000, 0.0000,

6.2760

0.0000

■ 91.4030, 34.8800,
61.7280

■ 91.4030, 34.8800,
61.7280

■ 81.8970, 39.6010,
69.7850

■ 100.9090, 30.1590,
53.6710

■ 71.9180, 44.2760,
78.6760

■ 110.8880, 25.4840,
44.7800

■ 66.5210, 47.0720,
83.0720

■ 120.3940, 20.7630,
36.7230

■ 129.9000, 16.0420,
28.6660

■ 139.8790, 11.3670,
19.7750

■ 149.3850, 6.6460,
11.7180

■ 158.8910, 1.9250,
3.6610

■ 168.2830, -2.4750,
-4.7070

■ 178.3760, -7.4710,
-13.2870

Harmonies

Analogous

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



95.2670, -38.7950, 36.7970



91.4030, 34.8800, 61.7280



69.5200, 83.2030, 72.5390

Triad

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



91.4030, 34.8800, 61.7280



91.0580, 45.6700, -23.7220



88.4690, -82.3880, -15.7000

Complementary

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



91.4030, 34.8800, 61.7280



113.5970, -34.8800, -61.7280

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.



81.7430, -63.4490, -34.0490



91.4030, 34.8800, 61.7280



82.5100, 5.5100, -44.8100

Square

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



91.4030, 34.8800, 61.7280



88.9520, 79.0440, -0.7960



71.9850, -41.4840, -52.1720



91.3650, -96.0540, 0.6980

Rectangle

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



91.4030, 34.8800, 61.7280



65.4870, 95.9970, 60.9330



71.9850, -41.4840, -52.1720



86.3030, -76.2890, -21.6090

Sweetspot

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



91.4030, 34.8800, 61.7280



184.1830, 13.5670, 23.9590



56.9900, -36.4570, 38.4790



90.4500, 8.0210, 14.3330



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.



91.4030, 34.8800, 61.7280



100.1450, 54.5430, 96.3590



84.5630, 54.1400, 43.0680



76.6030, 2.7960, 4.3960



59.2010, 41.8010, 73.9690



7.3200, 5.2710, 9.1030

Inverse Universe

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



91.4030, 34.8800, 61.7280



100.1450, 54.5430, 96.3590



120.4370, -54.1400, -43.0680



76.6030, 2.7960, 4.3960



59.2010, 41.8010, 73.9690



7.3200, 5.2710, 9.1030

Previews

White Background



This preview shows how the YIQ color 91.4030, 34.8800, 61.7280 looks on a white background.

Color Contrast Check

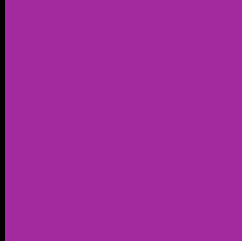
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 91.4030, 34.8800, 61.7280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

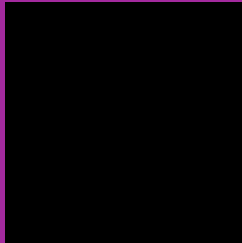
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 91.4030, 34.8800, 61.7280

Background



This preview shows how black text looks on a background with the YIQ color 91.4030, 34.8800, 61.7280.



This preview shows how white text looks on a background with the YIQ color 91.4030, 34.8800,

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

91.4030, 34.8800, 61.7280

Protanopia

78.0920, -90.3710, 13.3490

Deuteranopia

96.1540, -32.1880, 10.6600



Tritanopia

96.3870, 47.8630, 19.1510

Trichromacy



Original Color

91.4030, 34.8800, 61.7280



Protanomaly

82.7560, -44.8460, 30.8180



Deuteranomaly

94.6230, -7.9830, 29.0490



Tritanomaly

94.2470, 43.0460, 34.8700

Monochromacy



Original Color

91.4030, 34.8800, 61.7280



Achromatopsia

91.0000, -0.0000, -0.0000



Achromatomaly

90.9440, 12.7420, 22.3900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 91.4030, 34.8800, 61.7280 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(163, 42, 158)` looks like.

```
.text, #text, p{  
    color:rgb(163, 42, 158)  
}
```

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(163, 42, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 42, 158) }
```

Border

The CSS property to change the border of an element to YIQ 91.4030, 34.8800, 61.7280 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(163, 42, 158) }
```


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

```
.border{ border-color:rgb(163, 42, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 42, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 42, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 42, 158);  
box-shadow:4px 4px 4px 4px rgb(163, 42,  
158) }
```

Background

The CSS property to change the background color of an element to YIQ 91.4030, 34.8800, 61.7280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 42, 158) }
```

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

```
.background{ background-color: rgb(163, 42,  
158) }
```

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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