

Converting Colors

YIQ(62.7340, 32.4500, 61.7140)

Have a look what the booklet for
YIQ(62.7340, 32.4500, 61.7140)
contains.

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Color

**YIQ(62.7340, 32.4500,
61.7140)**

Conversions

Conversions Part 1

Format	Color
Hex	840E84
RGB	132, 14, 132
RGB Percent	52%, 5%, 52%
CMY	0.4820, 0.9453, 0.4823
CMYK	0.00, 0.89, 0.00, 0.48
HSL	300°, 81%, 29%
HSV	300°, 89%, 52%
XYZ	13.8517, 6.8918, 22.4334
YIQ	62.7340, 32.4500, 61.7140

Conversions

Conversions Part 2

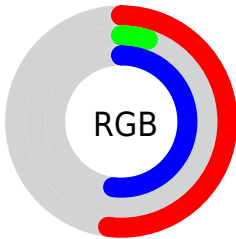
Format	Color
R_{YB}	132, 14, 132
Decimal	8654468
CIE _{Lab}	31.56, 58.13, -36.13
CIE _{LCh}	32, 68.438, 328.138
Yxy	6.8918, 0.3208, 0.1596
Android (android.graphics.Color)	4286844548 (0xFF840E84)
YUV	62.7340, 34.1481, 60.7463
Hunter-Lab	26.2522, 48.2426, -32.2888




Details

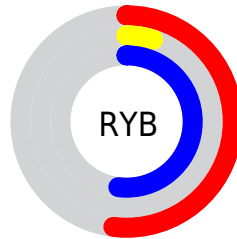
The YIQ color **62.7340, 32.4500, 61.7140** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **83.2660, -32.4500, -61.7140**, and the grayscale version is **62.0000, -0.0000, -0.0000**.




A 20% lighter version of the original color is **123.2020, 30.8920, 56.9080**, and **32.6700, 20.1660, 42.0380** is the 20% darker color. If you saturate the color by 10%, you get **55.1030, 36.0250, 68.5130**, and if you desaturate by 10%, it is **70.3650, 28.8750, 54.9150**.

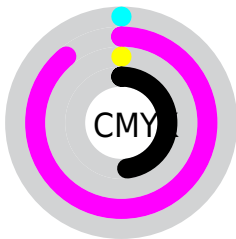
Distribution







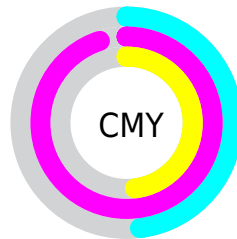
-  Red (52%)
-  Green (5%)
-  Blue (52%)






-  Red (52%)
-  Yellow (5%)
-  Blue (52%)



-  Cyan (0%)
-  Magenta (89%)
-  Yellow (0%)
-  Black (48%)



-  Cyan (48%)
-  Magenta (95%)
-  Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 62.7340, 32.4500, 61.7140 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 62.7340, 32.4500, 61.7140 by changing the saturation by 10% instead.

62.7340, 32.4500,
61.7140

62.7340, 32.4500,
61.7140

255.0000, -0.0000,
-0.0000

43.4790, 28.5540,
55.2260

123.2020, 30.8920,
56.9080

32.6700, 20.1660,
42.0380

151.5010, 31.4880,
57.1200

22.7580, 13.5660,
29.4860

179.5120, 32.9550,
58.0670

11.2800, 2.7480,
16.2840

199.8220, 25.8500,
49.1620

1.2540, -3.5310,
3.4210

216.2580, 18.1500,
34.5180

0.0000, 0.0000,
0.0000

233.2810, 10.1750,

19.3510

250.3040, 2.2000,
4.1840

62.7340, 32.4500,
61.7140

62.7340, 32.4500,
61.7140

55.1030, 36.0250,
68.5130

70.3650, 28.8750,
54.9150

54.5160, 36.3000,
69.0360

77.9960, 25.3000,
48.1160

86.2140, 21.4500,
40.7940

93.8450, 17.8750,
33.9950

101.4760, 14.3000,
27.1960

■ 109.1070, 10.7250,
20.3970

■ 116.7380, 7.1500,
13.5980

■ 124.9560, 3.3000,
6.2760

■ 132.5870, -0.2750,
-0.5230

Harmonies

Analogous

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



69.0550, -44.2500, 31.0300



62.7340, 32.4500, 61.7140



57.2590, 70.2760, 59.0120

Triad

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



62.7340, 32.4500, 61.7140



70.0820, 37.0950, -16.9930



69.9010, -65.9290, -11.1210

Complementary

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



62.7340, 32.4500, 61.7140



83.2660, -32.4500, -61.7140

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.



63.6310, -48.2740, -28.2260



62.7340, 32.4500, 61.7140



61.8550, 0.4650, -35.9750

Square

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



62.7340, 32.4500, 61.7140



66.4810, 67.4890, 4.8730



54.4600, -26.5840, -46.8720



73.5150, -78.8610, 2.9870

Rectangle

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



62.7340, 32.4500, 61.7140



53.8670, 82.7030, 48.5510



54.4600, -26.5840, -46.8720



67.9630, -60.4720, -16.4080

Sweetspot

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



62.7340, 32.4500, 61.7140



143.9980, 12.6500, 24.0580



27.4520, -37.8780, 36.6980



70.5640, 7.7000, 14.6440



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000

Same Dimension

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



62.7340, 32.4500, 61.7140



70.6230, 47.0250, 89.4330



56.0080, 51.3890, 43.3650



62.4780, 1.6500, 3.1380



53.6900, 35.7500, 67.9900



1.2390, 0.8250, 1.5690

Inverse Universe

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



62.7340, 32.4500, 61.7140



70.6230, 47.0250, 89.4330



89.9920, -51.3890, -43.3650



62.4780, 1.6500, 3.1380



53.6900, 35.7500, 67.9900



1.2390, 0.8250, 1.5690

Previews

White Background



This preview shows how the YIQ color 62.7340, 32.4500, 61.7140 looks on a white background.

Color Contrast Check

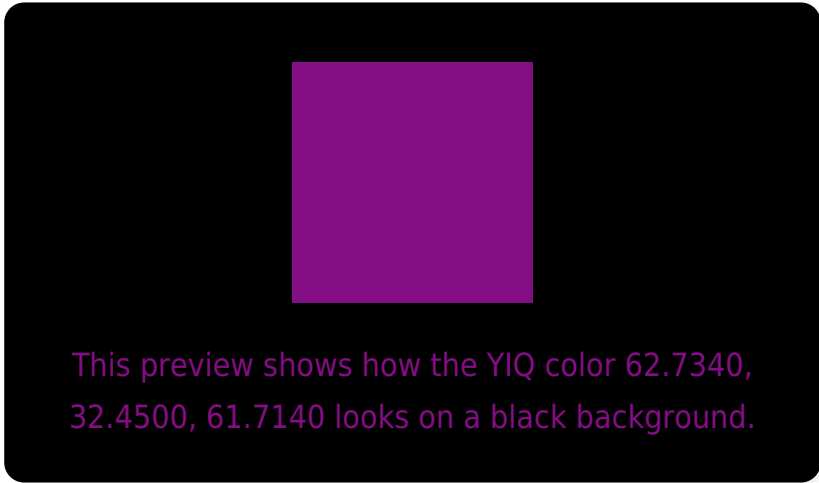
Large Text (above 18pt) WCAG AA ✓ Pass

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

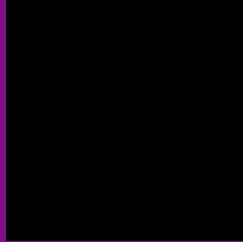
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 62.7340, 32.4500, 61.7140

Background



This preview shows how black text looks on a background with the YIQ color 62.7340, 32.4500, 61.7140.



This preview shows how white text looks on a background with the YIQ color 62.7340, 32.4500,

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

62.7340, 32.4500, 61.7140

Protanopia

61.2220, -70.4260, 9.8140

Deuteranopia

73.3880, -32.9670, 8.2570



Tritanopia

74.5710, 41.3530, 15.9850

Trichromacy



Original Color

62.7340, 32.4500, 61.7140

Protanomaly

61.6340, -32.8790, 28.6970

Deuteranomaly

69.4980, -9.1290, 27.7910

Tritanomaly

70.4420, 38.0030, 32.6510

Monochromacy



Original Color

62.7340, 32.4500, 61.7140

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

62.7590, 11.8250, 22.4890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 62.7340, 32.4500, 61.7140 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(132, 14, 132)` looks like.

```
.text, #text, p{  
    color:rgb(132, 14, 132)  
}
```

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(132, 14, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 14, 132) }
```

Border

The CSS property to change the border of an element to YIQ 62.7340, 32.4500, 61.7140 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(132, 14, 132) }
```


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

```
.border{ border-color:rgb(132, 14, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 14, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 14, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 14, 132);  
box-shadow:4px 4px 4px 4px rgb(132, 14,  
132) }
```

Background

The CSS property to change the background color of an element to YIQ 62.7340, 32.4500, 61.7140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 14, 132) }
```

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

```
.background{ background-color: rgb(132, 14,  
132) }
```

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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