

Converting Colors

YIQ(98.4250, 2.2830, 52.2590)

Have a look what the booklet for
YIQ(98.4250, 2.2830, 52.2590)
contains.

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Color

**YIQ(98.4250, 2.2830,
52.2590)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 8540B9 |
| RGB | 133, 64, 185 |
| RGB Percent | 52%, 25%, 73% |
| CMY | 0.4782, 0.7491, 0.2746 |
| CMYK | 0.28, 0.65, 0.00, 0.27 |
| HSL | 274°, 49%, 49% |
| HSV | 274°, 65%, 73% |
| XYZ | 20.2690, 12.1569, 47.1652 |
| YIQ | 98.4250, 2.2830, 52.2590 |

Conversions

Conversions Part 2

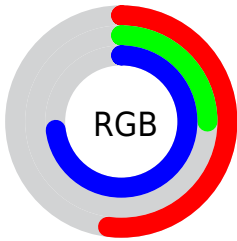
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 133, 64, 185 |
| Decimal | 8732857 |
| CIE _{Lab} | 41.46, 51.03, -52.25 |
| CIE _{LCh} | 41, 73.036, 314.323 |
| Yxy | 12.1569, 0.2547, 0.1527 |
| Android (android.graphics.Color) | 4286922937 (0xFF8540B9) |
| YUV | 98.4250, 42.6815, 30.3223 |
| Hunter-Lab | 34.8668, 42.7497, -55.7963 |

Details

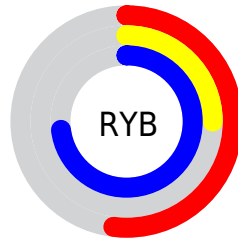
The YIQ color **98.4250, 2.2830, 52.2590** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **150.5750, -2.2830, -52.2590**, and the grayscale version is **98.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **152.1910, 3.0620, 54.6620**, and **41.1910, 3.0620, 54.6620** is the 20% darker color. If you saturate the color by 10%, you get **84.8800, 2.7400, 60.5000**, and if you desaturate by 10%, it is **111.3830, 2.1010, 44.5410**.

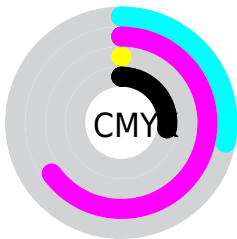
Distribution



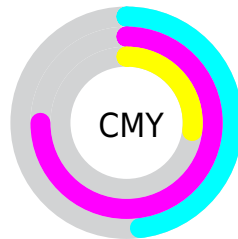
- Red (52%)
- Green (25%)
- Blue (73%)



- Red (52%)
- Yellow (25%)
- Blue (73%)



- Cyan (28%)
- Magenta (65%)
- Yellow (0%)
- Black (27%)



- Cyan (48%)
- Magenta (75%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 98.4250, 2.2830, 52.2590 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 98.4250, 2.2830, 52.2590 by changing the saturation by 10% instead.

98.4250, 2.2830,
52.2590

98.4250, 2.2830,
52.2590

255.0000, -0.0000,
-0.0000

71.7130, 1.4120,
51.5240

152.4900, 3.6580,
54.8740

41.1910, 3.0620,
54.6620

178.4920, 9.3440,
50.9440

26.9200, -3.9050,
43.2550

203.0120, 19.2030,
42.9710

16.2960, -11.3760,
29.9680

221.5410, 15.6750,
29.8110

6.3840, -17.9760,
17.4160

238.5640, 7.7000,
14.6440

5.0500, -11.4640,
9.5280

0.7980, -2.2470,

2.1770

■ 0.0000, 0.0000,
0.0000

■ 98.4250, 2.2830,
52.2590

■ 98.4250, 2.2830,
52.2590

■ 84.8800, 2.7400,
60.5000

■ 111.3830, 2.1010,
44.5410

■ 71.9220, 2.9220,
68.2180

■ 124.9280, 1.6440,
36.3000

■ 58.3770, 3.3790,
76.4590

■ 137.8860, 1.4620,
28.5820

■ 52.7840, 3.7910,
80.0070

■ 151.4310, 1.0050,
20.3410

■ 164.3890, 0.8230,
12.6230

■ 177.9340, 0.3660,
4.3820

■ 190.8920, 0.1840,
-3.3360

■ 204.4370, -0.2730,
-11.5770

■ 217.0960, -1.0510,
-19.5070

Harmonies

Analogous

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



80.9760, -95.7360, 16.9680



98.4250, 2.2830, 52.2590



71.8360, 67.9340, 79.4380

Triad

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



98.4250, 2.2830, 52.2590



92.0760, 63.5950, -12.6690



85.9780, -73.9960, -24.6200

Complementary

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



98.4250, 2.2830, 52.2590



150.5750, -2.2830, -52.2590

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.



78.2090, -53.4980, -43.6900



98.4250, 2.2830, 52.2590



89.1540, 27.4240, -34.4640

Square

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



98.4250, 2.2830, 52.2590



83.6200, 92.3830, 16.2790



67.5050, -31.6250, -60.1450



91.7750, -91.6970, -6.6810

Rectangle

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



98.4250, 2.2830, 52.2590



69.9890, 89.0720, 70.8000



67.5050, -31.6250, -60.1450



83.5840, -67.2550, -31.1510

Sweetspot

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



98.4250, 2.2830, 52.2590



205.5450, 0.6840, 20.6520



108.3180, -53.1410, 10.4350



99.3890, 0.8230, 12.6230



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



98.4250, 2.2830, 52.2590



106.0120, 3.1490, 80.6290



113.0610, 35.8430, 60.7950



85.5210, 0.0910, 3.8590



44.3950, 2.9680, 67.3840



7.9760, 0.5480, 12.1000

Inverse Universe

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



106.1070, 55.4240, 41.8240



118.0330, 85.7720, 64.5240



135.9390, -35.8430, -60.7950



86.1470, 4.0800, 3.1520



54.2820, 71.4690, 53.9090



9.7400, 12.8360, 9.6680

Previews

White Background



This preview shows how the YIQ color 98.4250, 2.2830, 52.2590 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 98.4250, 2.2830, 52.2590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

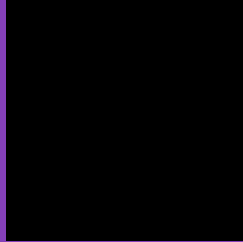
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 98.4250, 2.2830, 52.2590

Background



This preview shows how black text looks on a background with the YIQ color 98.4250, 2.2830, 52.2590.



This preview shows how white text looks on a background with the YIQ color 98.4250, 2.2830,

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

98.4250, 2.2830, 52.2590

Protanopia

78.6790, -90.6460, 12.8260

Deuteranopia

78.8780, -84.3170, 2.7470



Tritanopia

99.8710, 13.8450, 7.9010

Trichromacy



Original Color

98.4250, 2.2830, 52.2590

Protanomaly

85.8900, -57.0870, 26.8890

Deuteranomaly

85.9410, -53.0970, 20.6550

Tritanomaly

99.1440, 9.3030, 24.1430

Monochromacy



Original Color

98.4250, 2.2830, 52.2590

Achromatopsia

98.0000, -0.0000, -0.0000

Achromatomaly

98.4910, 0.7760, 18.9840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 98.4250, 2.2830, 52.2590 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(133, 64, 185)` looks like.

```
.text, #text, p{  
    color:rgb(133, 64, 185)  
}
```

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(133, 64, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 64, 185) }
```

Border

The CSS property to change the border of an element to YIQ 98.4250, 2.2830, 52.2590 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(133, 64, 185) }
```


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

```
.border{ border-color:rgb(133, 64, 185) }
```

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

Here you see how a box with a 4 pixel rgb(133, 64, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 64, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 64, 185);  
box-shadow:4px 4px 4px 4px rgb(133, 64,  
185) }
```

Background

The CSS property to change the background color of an element to YIQ 98.4250, 2.2830, 52.2590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 64, 185) }
```

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

```
.background{ background-color: rgb(133, 64,  
185) }
```

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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