

Converting Colors

YIQ(41.9590, -26.0040, 41.7720)

Have a look what the booklet for
YIQ(41.9590, -26.0040, 41.7720)
contains.

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Color

**YIQ(41.9590, -26.0040,
41.7720)**

Conversions

Conversions Part 1

Format	Color
Hex	2B168E
RGB	43, 22, 142
RGB Percent	17%, 9%, 56%
CMY	0.8312, 0.9138, 0.4433
CMYK	0.70, 0.85, 0.00, 0.44
HSL	251°, 73%, 32%
HSV	251°, 85%, 56%
XYZ	6.1631, 3.0393, 25.8333
YIQ	41.9590, -26.0040, 41.7720

Conversions

Conversions Part 2

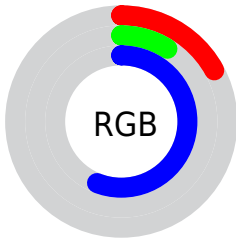
Format	Color
R _Y B	43, 22, 142
Decimal	2823822
CIE Lab	20.20, 44.84, -61.40
CIE LCh	20, 76.028, 306.139
Yxy	3.0393, 0.1759, 0.0867
Android (android.graphics.Color)	4281013902 (0xFF2B168E)
YUV	41.9590, 49.3202, 0.9130
Hunter-Lab	17.4335, 32.5946, -75.6537

Details

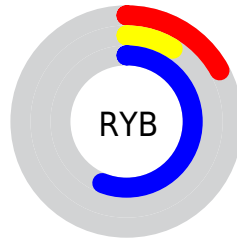
The YIQ color **41.9590, -26.0040, 41.7720** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **122.0410, 26.0040, -41.7720**, and the grayscale version is **41.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **94.6440, -20.5030, 46.7050**, and **10.2600, -28.8900, 27.9900** is the 20% darker color. If you saturate the color by 10%, you get **30.1530, -29.3060, 46.5500**, and if you desaturate by 10%, it is **53.7650, -22.7020, 36.9940**.

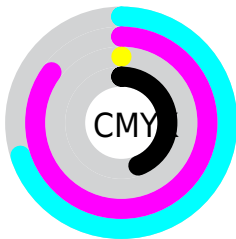
Distribution



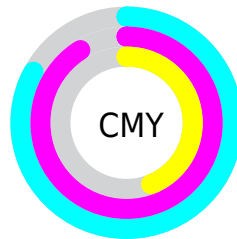
- Red (17%)
- Green (9%)
- Blue (56%)



- Red (17%)
- Yellow (9%)
- Blue (56%)



- Cyan (70%)
- Magenta (85%)
- Yellow (0%)
- Black (44%)



- Cyan (83%)
- Magenta (91%)
- Yellow (44%)
- Black (44%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 41.9590, -26.0040, 41.7720 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 41.9590, -26.0040, 41.7720 by changing the saturation by 10% instead.

■ 41.9590, -26.0040,
41.7720

■ 41.9590, -26.0040,
41.7720

■ 255.0000, -0.0000,
-0.0000

■ 13.2240, -37.2360,
36.0760

■ 94.6440, -20.5030,
46.7050

■ 10.2600, -28.8900,
27.9900

■ 121.1820,
-19.0820, 48.4860

■ 10.4590, -22.5610,
17.9110

■ 147.8340,
-17.9820, 50.5780

■ 6.6630, -14.6280,
11.8040

■ 172.4680, -8.4440,
42.9160

■ 2.9810, -7.0160,
6.0080

■ 196.9880, 1.4150,
34.9430

■ 0.0000, 0.0000,
0.0000

■ 221.8070, 11.8700,

27.1820

240.3250, 6.8750,
13.0750

41.9590, -26.0040,
41.7720

41.9590, -26.0040,
41.7720

30.1530, -29.3060,
46.5500

53.7650, -22.7020,
36.9940

23.6630, -30.6820,
49.4620

65.2720, -19.9960,
32.0040

77.6650, -16.9690,
26.7030

89.4710, -13.6670,
21.9250

101.2770,
-10.3650, 17.1470

■ 112.7840, -7.6590,
12.1570

■ 124.5900, -4.3570,
7.3790

■ 136.9830, -1.3300,
2.0780

■ 148.4900, 1.3760,
-2.9120

Harmonies

Analogous

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



51.6820, -68.3650, 22.0270



41.9590, -26.0040, 41.7720



46.1120, 39.8330, 54.5610

Triad

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



41.9590, -26.0040, 41.7720



42.4930, 50.0200, 7.5880



46.1690, -37.6850, -16.3810

Complementary

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



41.9590, -26.0040, 41.7720



122.0410, 26.0040, -41.7720

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.



38.1550, -17.8750, -33.9950



41.9590, -26.0040, 41.7720



45.1860, 16.3710, -15.8610

Square

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



41.9590, -26.0040, 41.7720



37.3750, 74.5000, 26.5000



35.8070, -16.7750, -31.9030



53.0260, -55.6150, 0.2010

Rectangle

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



41.9590, -26.0040, 41.7720



46.7920, 60.9250, 46.7570



35.8070, -16.7750, -31.9030



43.8890, -31.2650, -22.6010

Sweetspot

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



41.9590, -26.0040, 41.7720



145.6360, -9.9980, 16.0020



94.3800, -66.0200, -14.9800



68.6870, -6.0080, 9.7680



219.0000, 0.0000, -0.0000



92.0000, 0.0000, -0.0000

Same Dimension

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



41.9590, -26.0040, 41.7720



30.5440, -39.9920, 64.0080



59.6000, 9.1600, 54.2800



65.3960, -1.0550, 2.6010



22.5660, -29.0310, 47.0730



1.2110, -1.9720, 2.7000

Inverse Universe

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



69.1660, 39.7410, 56.2290



72.2300, 61.1930, 85.9690



104.4000, -9.1600, -54.2800



66.7770, 2.2460, 3.3500



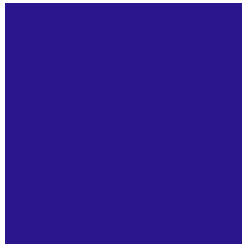
53.0190, 44.8290, 63.1410



3.0760, 2.8420, 3.5620

Previews

White Background



This preview shows how the YIQ color 41.9590, -26.0040, 41.7720 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

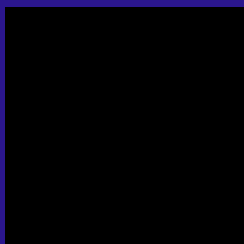
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 41.9590, -26.0040, 41.7720

Background



This preview shows how black text looks on a background with the YIQ color 41.9590, -26.0040, 41.7720.



This preview shows how white text looks on a background with the YIQ color 41.9590, -26.0040,

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

41.9590, -26.0040, 41.7720

Protanopia

39.6900, -45.6210, 6.3070

Deuteranopia

39.7410, -41.6310, 0.0730



Tritanopia

39.0110, -34.0640, -10.4160

Trichromacy



Original Color

41.9590, -26.0040, 41.7720

Protanomaly

40.9010, -38.4250, 19.0710

Deuteranomaly

40.3480, -35.4900, 15.4380

Tritanomaly

40.1710, -30.8580, 8.5820

Monochromacy



Original Color

41.9590, -26.0040, 41.7720

Achromatopsia

42.0000, -0.0000, -0.0000

Achromatomaly

41.9950, -9.6310, 14.8570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 41.9590, -26.0040, 41.7720 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(43, 22, 142)` looks like.

```
.text, #text, p{  
    color:rgb(43, 22, 142)  
}
```

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(43, 22, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 22, 142) }
```

Border

The CSS property to change the border of an element to YIQ 41.9590, -26.0040, 41.7720 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(43, 22, 142) }
```


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

```
.border{ border-color:rgb(43, 22, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 22, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 22, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 22, 142);  
box-shadow:4px 4px 4px 4px rgb(43, 22,  
142) }
```

Background

The CSS property to change the background color of an element to YIQ 41.9590, -26.0040, 41.7720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 22, 142) }
```

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

```
.background{ background-color: rgb(43, 22,  
142) }
```

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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