

Converting Colors

YIQ(103.0010, 26.9040, 52.0880)

Have a look what the booklet for
YIQ(103.0010, 26.9040, 52.0880)
contains.

YIQ(103.0010, 26.9040, 52.0880)	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(103.0010, 26.9040,
52.0880)**

Conversions

Conversions Part 1

Format	Color
Hex	A13EA2
RGB	161, 62, 162
RGB Percent	63%, 24%, 64%
CMY	0.3683, 0.7570, 0.3647
CMYK	0.01, 0.62, 0.00, 0.36
HSL	299°, 45%, 44%
HSV	299°, 62%, 64%
XYZ	22.9559, 13.6346, 35.6077
YIQ	103.0010, 26.9040, 52.0880

Conversions

Conversions Part 2

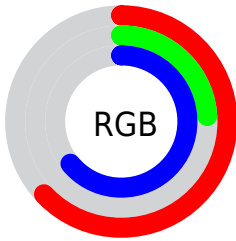
Format	Color
R_{YB}	161, 62, 162
Decimal	10567330
CIE _{Lab}	43.70, 54.03, -34.85
CIE _{LCh}	44, 64.298, 327.176
Yxy	13.6346, 0.3180, 0.1888
Android (android.graphics.Color)	4288757410 (0xFFA13EA2)
YUV	103.0010, 29.0865, 50.8651
Hunter-Lab	36.9251, 46.3524, -31.3272

Details

The YIQ color **103.0010, 26.9040, 52.0880** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **120.9990, -26.9040, -52.0880**, and the grayscale version is **103.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **158.0120, 28.3710, 53.0350**, and **44.2340, 27.8660, 56.6820** is the 20% darker color. If you saturate the color by 10%, you get **93.6090, 31.3040, 60.4560**, and if you desaturate by 10%, it is **112.3930, 22.5040, 43.7200**.

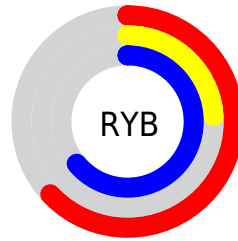
Distribution



Red (63%)

Green (24%)

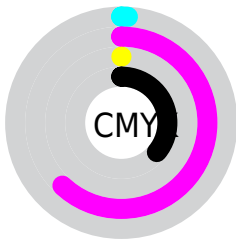
Blue (64%)



Red (63%)

Yellow (24%)

Blue (64%)

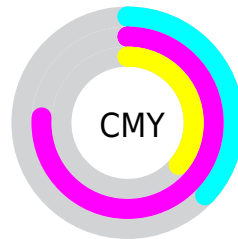


Cyan (1%)

Magenta (62%)

Yellow (0%)

Black (36%)



Cyan (37%)


Magenta (76%)

Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 103.0010, 26.9040, 52.0880 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 103.0010, 26.9040, 52.0880 by changing the saturation by 10% instead.


 103.0010, 26.9040,
52.0880


 103.0010, 26.9040,
52.0880


255.0000, -0.0000,
-0.0000


 74.5280, 26.8580,
52.9220


 158.0120, 28.3710,
53.0350


 44.2340, 27.8660,
56.6820


 186.1370, 29.5170,
54.2930


 33.6100, 20.3950,
43.3950


 205.6920, 23.1000,
43.9320

 23.3990, 13.1990,
30.6310

 222.1280, 15.4000,
29.2880

 13.1170, 4.7650,
18.2770

 239.1510, 7.4250,
14.1210

 2.4110, -5.4110,
4.4530

 0.0000, 0.0000,

0.0000

■ 103.0010, 26.9040,
52.0880

■ 103.0010, 26.9040,
52.0880

■ 93.6090, 31.3040,
60.4560

■ 112.3930, 22.5040,
43.7200

■ 84.2170, 35.7040,
68.8240

■ 121.7850, 18.1040,
35.3520

■ 74.2380, 40.3790,
77.7150

■ 132.0630, 14.0250,
26.6730

■ 66.6070, 43.9540,
84.5140

■ 141.4550, 9.6250,
18.3050

■ 150.8470, 5.2250,
9.9370

■ 160.2390, 0.8250,
1.5690

■ 169.6310, -3.5750,
-6.7990

■ 179.6100, -8.2500,
-15.6900

■ 189.0020,
-12.6500, -24.0580

Harmonies

Analogous

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



101.8170, -37.6480, 32.5280



103.0010, 26.9040, 52.0880



91.1940, 68.9010, 56.3970

Triad

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



103.0010, 26.9040, 52.0880



96.9830, 50.2550, -24.2170



91.1760, -83.1210, -18.9370

Complementary

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



103.0010, 26.9040, 52.0880



120.9990, -26.9040, -52.0880

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.



84.9060, -65.4660, -36.0420



103.0010, 26.9040, 52.0880



90.2400, 15.1380, -43.0860

Square

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



103.0010, 26.9040, 52.0880



95.1430, 79.8240, -3.9200



76.1740, -46.3900, -51.3660



94.2030, -95.7780, -4.3060

Rectangle

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



103.0010, 26.9040, 52.0880



89.7480, 81.4200, 44.2680



76.1740, -46.3900, -51.3660



89.7110, -77.6180, -25.0580

Sweetspot

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



103.0010, 26.9040, 52.0880



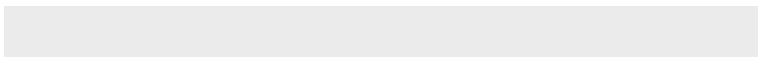
187.6340, 10.6790, 21.2310



74.5740, -32.6500, 30.0540



92.3250, 6.8750, 13.0750



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.



103.0010, 26.9040, 52.0880



119.2430, 41.9830, 81.6870



97.8280, 42.9080, 37.3720



76.7170, 2.4750, 4.7070



59.5860, 39.2790, 75.6230



7.4340, 4.9500, 9.4140

Inverse Universe

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



92.0140, 59.2790, 21.5110



102.0570, 93.2510, 33.5950



126.1720, -42.9080, -37.3720



75.8050, 5.0430, 2.2190



43.4690, 86.0990, 31.0510



5.3820, 10.7280, 3.8160

Previews

White Background



This preview shows how the YIQ color 103.0010, 26.9040, 52.0880 looks on a white background.

Color Contrast Check

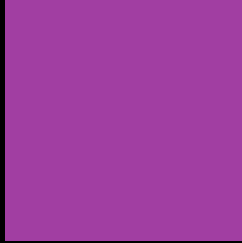
Large Text (above 18pt) WCAG AA ✓ Pass

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 103.0010, 26.9040, 52.0880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

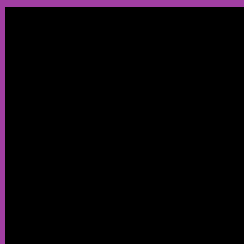
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 103.0010, 26.9040, 52.0880

Background



This preview shows how black text looks on a background with the YIQ color 103.0010, 26.9040, 52.0880.



This preview shows how white text looks on a background with the YIQ color 103.0010, 26.9040,

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

103.0010, 26.9040, 52.0880

Protanopia

96.8090, -61.5330, 19.3550

Deuteranopia

102.3500, -29.8040, 11.5080



Tritanopia

104.3150, 39.1980, 16.4940

Trichromacy



Original Color

103.0010, 26.9040, 52.0880

Protanomaly

99.0690, -29.6700, 31.1140

Deuteranomaly

102.5580, -9.3580, 26.4340

Tritanomaly

103.5940, 34.5190, 29.7110

Monochromacy



Original Color

103.0010, 26.9040, 52.0880

Achromatopsia

103.0000, -0.0000, 0.0000

Achromatomaly

102.8680, 9.9000, 18.8280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 103.0010, 26.9040, 52.0880 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(161, 62, 162)` looks like.

```
.text, #text, p{  
    color:rgb(161, 62, 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(161, 62, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 62, 162) }
```

Border

The CSS property to change the border of an element to YIQ 103.0010, 26.9040, 52.0880 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(161, 62, 162) }
```


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

```
.border{ border-color:rgb(161, 62, 162) }
```

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

Here you see how a box with a 4 pixel rgb(161, 62, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 62, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 62, 162);  
box-shadow:4px 4px 4px 4px rgb(161, 62,  
162) }
```

Background

The CSS property to change the background color of an element to YIQ 103.0010, 26.9040, 52.0880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 62, 162) }
```

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

```
.background{ background-color: rgb(161, 62,  
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](#).

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