

Converting Colors

YIQ(26.9710, 17.2800, 28.2560)

Have a look what the booklet for
YIQ(26.9710, 17.2800, 28.2560)
contains.

YIQ(26.9710, 17.2800, 28.2560)	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(26.9710, 17.2800,
28.2560)**

Conversions

Conversions Part 1

Format	Color
Hex	3D0438
RGB	61, 4, 56
RGB Percent	24%, 2%, 22%
CMY	0.7606, 0.9844, 0.7804
CMYK	0.00, 0.93, 0.08, 0.76
HSL	305°, 88%, 13%
HSV	305°, 93%, 24%
XYZ	2.6843, 1.3654, 3.8644
YIQ	26.9710, 17.2800, 28.2560

Conversions

Conversions Part 2

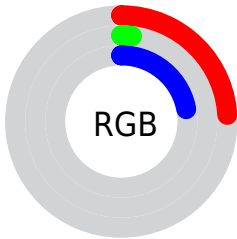
Format	Color
R_{YB}	61, 4, 56
Decimal	3998776
CIE _{Lab}	11.73, 32.76, -17.92
CIE _{LCh}	12, 37.342, 331.315
Yxy	1.3654, 0.3392, 0.1725
Android (android.graphics.Color)	4282188856 (0xFF3D0438)
YUV	26.9710, 14.3113, 29.8434
Hunter-Lab	11.6849, 20.5563, -11.4287

Details

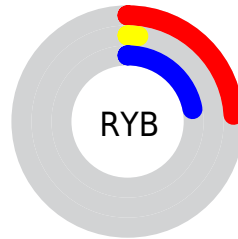
The YIQ color **26.9710, 17.2800, 28.2560** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **38.0290, -17.2800, -28.2560**, and the grayscale version is **27.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **76.6290, 18.2430, 27.3230**, and **1.0260, -2.8890, 2.7990** is the 20% darker color. If you saturate the color by 10%, you get **24.6230, 18.3800, 30.3480**, and if you desaturate by 10%, it is **30.6070, 15.3090, 25.4290**.

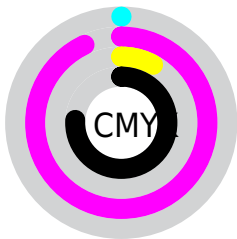
Distribution



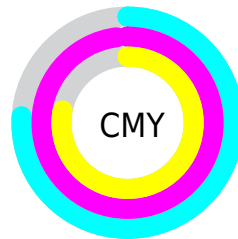
- Red (24%)
- Green (2%)
- Blue (22%)



- Red (24%)
- Yellow (2%)
- Blue (22%)



- Cyan (0%)
- Magenta (93%)
- Yellow (8%)
- Black (76%)



- Cyan (76%)
- Magenta (98%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 26.9710, 17.2800, 28.2560 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 26.9710, 17.2800, 28.2560 by changing the saturation by 10% instead.

■ 26.9710, 17.2800,
28.2560

■ 26.9710, 17.2800,
28.2560

■ 245.6080, 4.4000,
8.3680

■ 15.9500, 12.6050,
19.3650

■ 76.6290, 18.2430,
27.3230

■ 1.0260, -2.8890,
2.7990

■ 101.3410, 19.1140,
28.0580

■ 0.0000, 0.0000,
0.0000


■ 127.0530, 19.9850,
28.7930


■ 153.1780, 21.1310,
30.0510


■ 180.5910, 21.4060,
30.5740


■ 208.3030, 22.2770,


31.3090


 228.5850, 12.3750,
23.5350


 26.9710, 17.2800,
28.2560


 26.9710, 17.2800,
28.2560


 24.6230, 18.3800,
30.3480

 30.6070, 15.3090,
25.4290

 34.1290, 13.6590,
22.2910

 37.7650, 11.6880,
19.4640

 41.2870, 10.0380,
16.3260

 45.5100, 7.7920,
12.9760

■ 49.0320, 6.1420,
9.8380

■ 52.6680, 4.1710,
7.0110

■ 56.1900, 2.5210,
3.8730

■ 59.8260, 0.5500,
1.0460

Harmonies

Analogous

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



30.1240, -14.3080, 17.0200



26.9710, 17.2800, 28.2560



25.3610, 33.5570, 25.1170

Triad

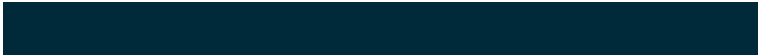
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



26.9710, 17.2800, 28.2560



29.2710, 14.9940, -7.4220



31.1520, -29.8470, -4.2390

Complementary

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



26.9710, 17.2800, 28.2560



38.0290, -17.2800, -28.2560

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.



28.1880, -21.5010, -12.3250



26.9710, 17.2800, 28.2560



25.3070, -3.0230, -16.8070

Square

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



26.9710, 17.2800, 28.2560



28.4950, 29.3430, 2.3590



23.4800, -11.0000, -20.9200



32.1440, -35.3960, 2.7160

Rectangle

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



26.9710, 17.2800, 28.2560



23.1950, 39.6560, 19.2080



23.4800, -11.0000, -20.9200



30.2400, -27.2790, -6.7270

Sweetspot

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



26.9710, 17.2800, 28.2560



65.8580, 6.6920, 10.8840



11.9930, -15.3170, 18.7870



32.6680, 4.1710, 7.0110



168.0000, -0.0000, -0.0000



41.0000, 0.0000, -0.0000

Same Dimension

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



26.9710, 17.2800, 28.2560



31.8290, 23.9720, 39.1400



23.7790, 26.2680, 19.5480



29.1250, 1.1460, 1.2580



37.9100, 28.4180, 46.6740



89.4060, 67.4700, 109.8860

Inverse Universe

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



26.9710, 17.2800, 28.2560



31.8290, 23.9720, 39.1400



41.2210, -26.2680, -19.5480



29.1250, 1.1460, 1.2580



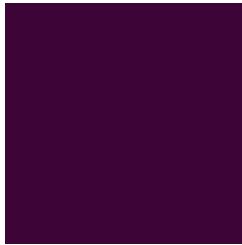
37.9100, 28.4180, 46.6740



89.4060, 67.4700, 109.8860

Previews

White Background



This preview shows how the YIQ color 26.9710, 17.2800, 28.2560 looks on a white background.

Color Contrast Check

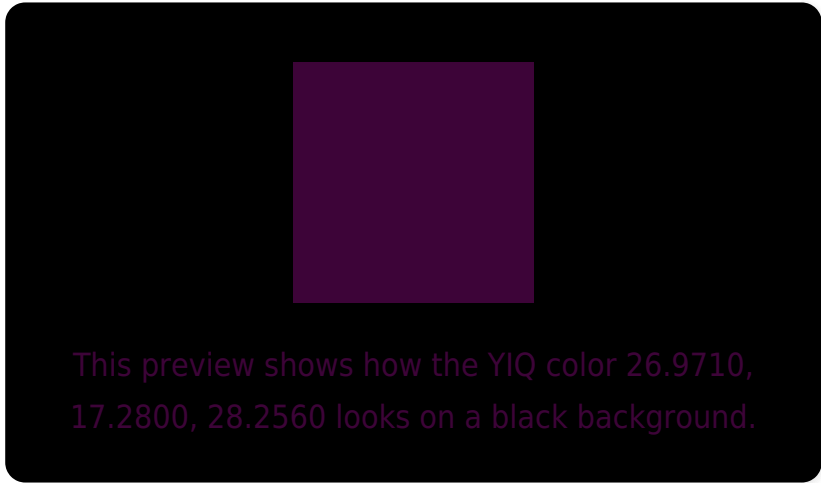
Large Text (above 18pt) WCAG AA ✓ Pass

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

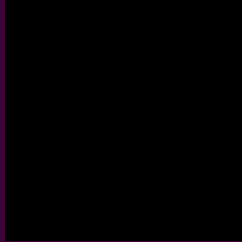
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 26.9710, 17.2800, 28.2560

Background



This preview shows how black text looks on a background with the YIQ color 26.9710, 17.2800, 28.2560.



This preview shows how white text looks on a background with the YIQ color 26.9710, 17.2800,

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

26.9710, 17.2800, 28.2560

Protanopia

27.3510, -31.5450, 4.5110

Deuteranopia

33.4750, -11.4630, 4.0010



Tritanopia

32.9920, 20.8140, 8.2540

Trichromacy



Original Color

26.9710, 17.2800, 28.2560

Protanomaly

26.9020, -13.8030, 13.3730

Deuteranomaly

31.0190, -1.0110, 12.8210

Tritanomaly

30.5500, 19.4830, 15.8590

Monochromacy



Original Color

26.9710, 17.2800, 28.2560

Achromatopsia

27.0000, -0.0000, 0.0000

Achromatomaly

27.1460, 5.8210, 10.1490

CSS Examples

Text

The CSS property to change the color of the text to YIQ 26.9710, 17.2800, 28.2560 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(61, 4, 56)` looks like.

```
.text, #text, p{  
    color:rgb(61, 4, 56)  
}
```

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(61, 4, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 4, 56) }
```

Border

The CSS property to change the border of an element to YIQ 26.9710, 17.2800, 28.2560 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(61, 4, 56) }
```


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

```
.border{ border-color:rgb(61, 4, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 4, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 4, 56); -webkit-box-shadow:4px  
4px 4px 4px rgb(61, 4, 56); box-shadow:4px  
4px 4px 4px rgb(61, 4, 56) }
```

Background

The CSS property to change the background color of an element to YIQ 26.9710, 17.2800, 28.2560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 4, 56) }
```

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

```
.background{ background-color: rgb(61, 4,  
56) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor