

Converting Colors

YIQ(26.6880, 19.7550, 32.9630)

Have a look what the booklet for
YIQ(26.6880, 19.7550, 32.9630)
contains.

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Color

**YIQ(26.6880, 19.7550,
32.9630)**

Conversions

Conversions Part 1

Format	Color
Hex	42003D
RGB	66, 0, 61
RGB Percent	26%, 0%, 24%
CMY	0.7410, 1.0000, 0.7608
CMYK	0.00, 1.00, 0.08, 0.74
HSL	305°, 100%, 13%
HSV	305°, 100%, 26%
XYZ	3.0926, 1.4970, 4.5419
YIQ	26.6880, 19.7550, 32.9630

Conversions

Conversions Part 2

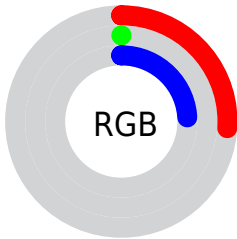
Format	Color
R _Y B	66, 0, 61
Decimal	4325437
CIE Lab	12.59, 36.40, -20.07
CIE LCh	13, 41.564, 331.125
Yxy	1.4970, 0.3387, 0.1639
Android (android.graphics.Color)	4282515517 (0xFF42003D)
YUV	26.6880, 16.9158, 34.4766
Hunter-Lab	12.2351, 23.7074, -13.4451

Details

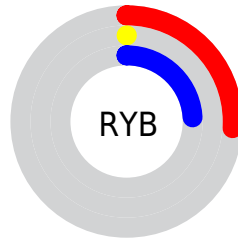
The YIQ color **26.6880, 19.7550, 32.9630** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **39.3120, -19.7550, -32.9630**, and the grayscale version is **27.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **77.9330, 20.4430, 31.5070**, and **2.8350, -3.6690, 5.9230** is the 20% darker color. If you saturate the color by 10%, you get **26.6880, 19.7550, 32.9630**, and if you desaturate by 10%, it is **30.9110, 17.5090, 29.6130**.

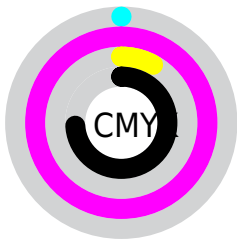
Distribution



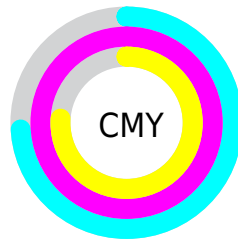
- Red (26%)
- Green (0%)
- Blue (24%)



- Red (26%)
- Yellow (0%)
- Blue (24%)



- Cyan (0%)
- Magenta (100%)
- Yellow (8%)
- Black (74%)





- Cyan (74%)
- Magenta (100%)
- Yellow (76%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 26.6880, 19.7550, 32.9630 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 26.6880, 19.7550, 32.9630 by changing the saturation by 10% instead.


 26.6880, 19.7550,
32.9630


 26.6880, 19.7550,
32.9630


 245.0210, 4.6750,
8.8910


 17.6020, 13.7050,
21.4570

 77.9330, 20.4430,
31.5070

 2.8350, -3.6690,
5.9230

 103.2320, 21.0390,
31.7190

 0.0000, 0.0000,
0.0000

 129.3570, 22.1850,
32.9770

 155.7700, 22.4600,
33.5000

 183.3680, 23.6520,
33.9240

 210.8950, 23.6060,

34.7580

■ 228.5850, 12.3750,
23.5350

■ 26.6880, 19.7550,
32.9630

■ 30.9110, 17.5090,
29.6130

■ 34.4330, 15.8590,
26.4750

■ 38.6560, 13.6130,
23.1250

■ 42.1780, 11.9630,
19.9870

■ 46.4010, 9.7170,
16.6370

■ 50.5100, 7.7920,
12.9760

■ 54.1460, 5.8210,
10.1490

■ 58.2550, 3.8960,
6.4880

■ 61.8910, 1.9250,
3.6610

Harmonies

Analogous

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



31.3240, -17.7470, 18.7730



26.6880, 19.7550, 32.9630



27.6820, 37.0870, 27.2230

Triad

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



26.6880, 19.7550, 32.9630



31.0430, 15.6360, -8.0440



32.8960, -32.0020, -3.7300

Complementary

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



26.6880, 19.7550, 32.9630



39.3120, -19.7550, -32.9630

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.



30.1770, -22.9680, -13.2720



26.6880, 19.7550, 32.9630



25.8830, -4.7650, -18.2770

Square

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



26.6880, 19.7550, 32.9630



29.9900, 32.3230, 3.4190



25.2410, -11.8250, -22.4890



34.2300, -38.5140, 4.1580

Rectangle

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



26.6880, 19.7550, 32.9630



25.2880, 43.8280, 20.6920



25.2410, -11.8250, -22.4890



32.4570, -29.3880, -7.0520

Sweetspot

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



26.6880, 19.7550, 32.9630



71.5100, 7.7920, 12.9760



8.7200, -18.8020, 21.3740



34.0810, 4.4460, 7.5340



171.0000, -0.0000, -0.0000



43.0000, -0.0000, -0.0000

Same Dimension

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



26.6880, 19.7550, 32.9630



35.1330, 26.1720, 43.3240



23.0400, 30.0270, 23.0110



31.2390, 0.8250, 1.5690



39.2630, 28.9220, 48.5540



90.5740, 67.0570, 111.8650

Inverse Universe

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



26.6880, 19.7550, 32.9630



35.1330, 26.1720, 43.3240



42.9600, -30.0270, -23.0110



31.2390, 0.8250, 1.5690



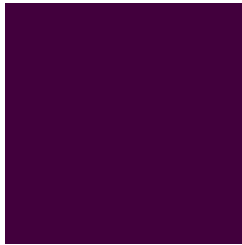
39.2630, 28.9220, 48.5540



90.5740, 67.0570, 111.8650

Previews

White Background



This preview shows how the YIQ color 26.6880, 19.7550, 32.9630 looks on a white background.

Color Contrast Check

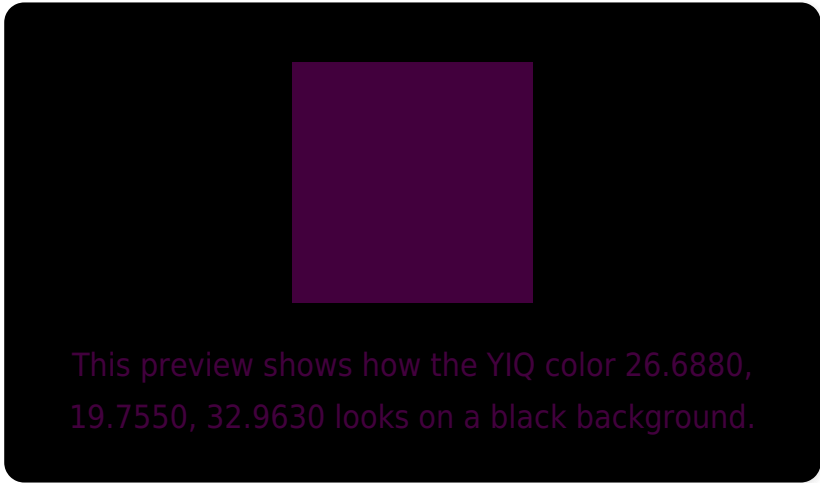
Large Text (above 18pt) WCAG AA ✓ Pass

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

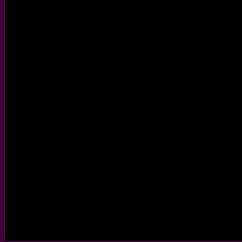
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 26.6880, 19.7550, 32.9630

Background



This preview shows how black text looks on a background with the YIQ color 26.6880, 19.7550, 32.9630.



This preview shows how white text looks on a background with the YIQ color 26.6880, 19.7550,

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

26.6880, 19.7550, 32.9630

Deuteranopia

36.2900, -12.3800, 4.1000

Tritanopia

35.7750, 22.9230, 8.5790

Trichromacy



Original Color

26.6880, 19.7550, 32.9630

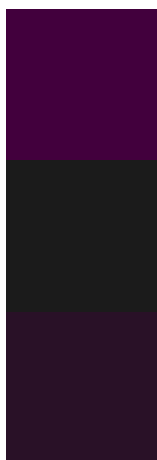
Deuteranomaly

32.9590, -0.7820, 14.1780

Tritanomaly

32.2730, 21.8210, 17.5410

Monochromacy



Original Color

26.6880, 19.7550, 32.9630

Achromatopsia

27.0000, -0.0000, 0.0000

Achromatomaly

26.6840, 7.2420, 11.9300

CSS Examples

Text

The CSS property to change the color of the text to YIQ 26.6880, 19.7550, 32.9630 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(66, 0, 61)` looks like.

```
.text, #text, p{  
    color:rgb(66, 0, 61)  
}
```

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(66, 0, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 0, 61) }
```

Border

The CSS property to change the border of an element to YIQ 26.6880, 19.7550, 32.9630 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(66, 0, 61) }
```

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

```
.border{ border-color:rgb(66, 0, 61) }
```

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

Here you see how a box with a 4 pixel rgb(66, 0, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 0, 61); -webkit-box-shadow:4px  
4px 4px 4px rgb(66, 0, 61); box-shadow:4px  
4px 4px 4px rgb(66, 0, 61) }
```


Background

The CSS property to change the background color of an element to YIQ 26.6880, 19.7550, 32.9630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 0, 61) }
```

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

```
.background{ background-color: rgb(66, 0,  
61) }
```

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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