

Converting Colors

YIQ(28.1700, 15.5820, 37.0060)

Have a look what the booklet for
YIQ(28.1700, 15.5820, 37.0060)
contains.

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Color

**YIQ(28.1700, 15.5820,
37.0060)**

Conversions

Conversions Part 1

Format	Color
Hex	42004A
RGB	66, 0, 74
RGB Percent	26%, 0%, 29%
CMY	0.7410, 1.0000, 0.7098
CMYK	0.11, 1.00, 0.00, 0.71
HSL	294°, 100%, 15%
HSV	294°, 100%, 29%
XYZ	3.4863, 1.6545, 6.6144
YIQ	28.1700, 15.5820, 37.0060

Conversions

Conversions Part 2

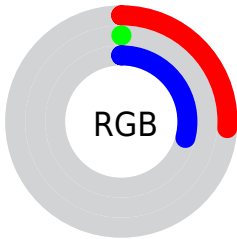
Format	Color
RYB	66, 0, 74
Decimal	4325450
CIELab	13.56, 38.72, -27.66
CIElCh	14, 47.587, 324.463
Yxy	1.6545, 0.2966, 0.1407
Android (android.graphics.Color)	4282515530 (0xFF42004A)
YUV	28.1700, 22.5942, 33.1769
Hunter-Lab	12.8627, 25.8715, -21.4849

Details

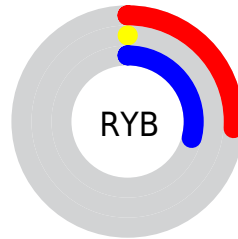
The YIQ color **28.1700, 15.5820, 37.0060** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **45.8300, -15.5820, -37.0060**, and the grayscale version is **28.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **80.1160, 15.6740, 35.3380**, and **5.9970, -3.9450, 10.9270** is the 20% darker color. If you saturate the color by 10%, you get **28.1700, 15.5820, 37.0060**, and if you desaturate by 10%, it is **32.5780, 14.2530, 33.5570**.

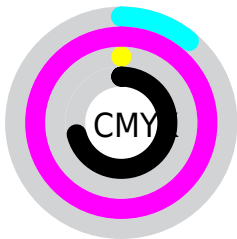
Distribution



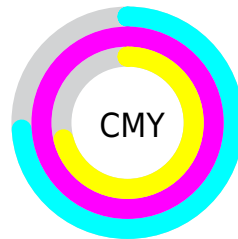
- Red (26%)
- Green (0%)
- Blue (29%)



- Red (26%)
- Yellow (0%)
- Blue (29%)



- Cyan (11%)
- Magenta (100%)
- Yellow (0%)
- Black (71%)



- Cyan (74%)
- Magenta (100%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 28.1700, 15.5820, 37.0060 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 28.1700, 15.5820, 37.0060 by changing the saturation by 10% instead.

■ 28.1700, 15.5820,
37.0060

■ 28.1700, 15.5820,
37.0060

■ 246.1950, 4.1250,
7.8450

■ 18.6710, 9.2570,
24.9770

■ 80.1160, 15.6740,
35.3380

■ 5.9970, -3.9450,
10.9270

■ 105.8280, 16.5450,
36.0730

■ 0.0000, 0.0000,
0.0000

■ 131.6540, 17.0950,
37.1190

■ 158.4800, 17.6450,
38.1650

■ 185.8930, 17.9200,
38.6880

■ 212.7360, 19.8000,

37.6560

■ 229.7590, 11.8250,
22.4890

■ 28.1700, 15.5820,
37.0060

■ 32.5780, 14.2530,
33.5570

■ 37.5730, 12.6490,
29.5850

■ 41.6820, 10.7240,
25.9240

■ 46.6770, 9.1200,
21.9520

■ 51.0850, 7.7910,
18.5030

■ 55.4930, 6.4620,
15.0540

■ 60.4880, 4.8580,
11.0820

■ 64.5970, 2.9330,
7.4210

■ 69.5920, 1.3290,
3.4490

Harmonies

Analogous

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



28.0810, -39.1120, 15.0000



28.1700, 15.5820, 37.0060



30.8010, 38.3700, 31.5060

Triad

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



28.1700, 15.5820, 37.0060



33.4350, 20.4040, -6.3480



35.2440, -33.1020, -5.8220

Complementary

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



28.1700, 15.5820, 37.0060



45.8300, -15.5820, -37.0060

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.



30.6670, -21.5920, -16.1840



28.1700, 15.5820, 37.0060



28.8510, -1.7390, -18.0510

Square

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



28.1700, 15.5820, 37.0060



28.8710, 40.2080, 9.2000



26.4150, -12.3750, -23.5350



37.1480, -41.2190, 3.6210

Rectangle

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



28.1700, 15.5820, 37.0060



29.0050, 46.3030, 25.3990



26.4150, -12.3750, -23.5350



33.9900, -29.5710, -9.2430

Sweetspot

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



28.1700, 15.5820, 37.0060



79.0800, 6.1870, 14.5310



13.7190, -26.2290, 18.3070



37.7220, 4.0790, 8.6790



176.0000, -0.0000, -0.0000



48.0000, -0.0000, 0.0000

Same Dimension

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



28.1700, 15.5820, 37.0060



36.7720, 20.1190, 48.3990



27.3700, 29.3380, 29.9940



35.6520, 1.1000, 2.0920



38.8370, 21.4940, 51.0140



87.5150, 48.3500, 114.9900

Inverse Universe

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



23.0380, 41.5360, 18.1760



30.1430, 54.6020, 23.6740



46.6300, -29.3380, -29.9940



35.3100, 2.0630, 1.1590



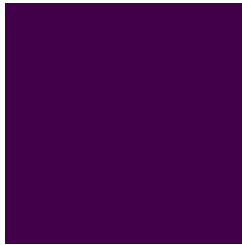
31.7520, 57.2610, 25.0450



71.6200, 129.0550, 56.5350

Previews

White Background



This preview shows how the YIQ color 28.1700, 15.5820, 37.0060 looks on a white background.

Color Contrast Check

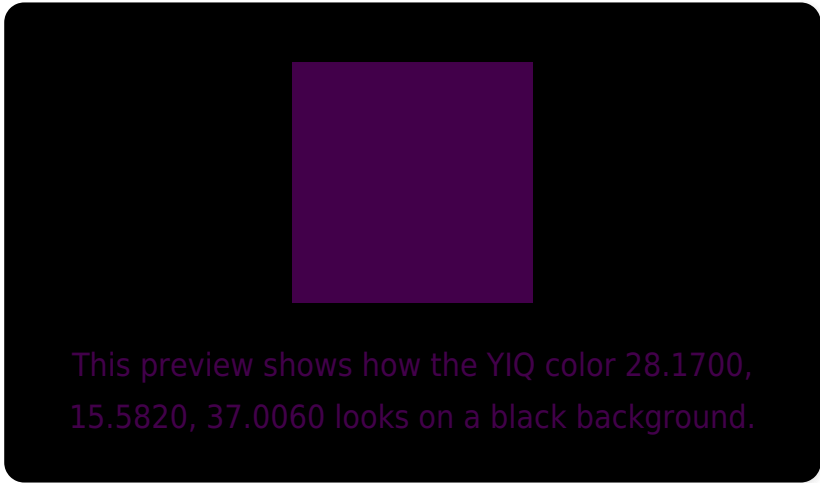
Large Text (above 18pt) WCAG AA ✓ Pass

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

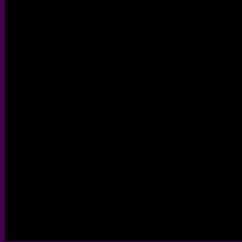
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 28.1700, 15.5820, 37.0060

Background



This preview shows how black text looks on a background with the YIQ color 28.1700, 15.5820, 37.0060.



This preview shows how white text looks on a background with the YIQ color 28.1700, 15.5820,

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

28.1700, 15.5820, 37.0060

Protanopia

31.4260, -36.1300, 5.0060

Deuteranopia

34.4500, -27.5100, 2.9700



Tritanopia

38.7960, 18.4300, 7.4060

Trichromacy



Original Color

28.1700, 15.5820, 37.0060

Protanomaly

30.1560, -17.3340, 16.7940

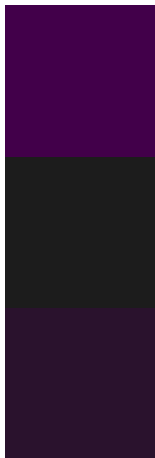
Deuteranomaly

31.7390, -11.7860, 15.3660

Tritanomaly

34.7610, 17.5110, 18.5590

Monochromacy



Original Color

28.1700, 15.5820, 37.0060

Achromatopsia

28.0000, -0.0000, 0.0000

Achromatomaly

28.2540, 5.6370, 13.4850

CSS Examples

Text

The CSS property to change the color of the text to YIQ 28.1700, 15.5820, 37.0060 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, 74)` looks like.

```
.text, #text, p{  
    color:rgb(66, 0, 74)  
}
```

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, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 0, 74) }
```

Border

The CSS property to change the border of an element to YIQ 28.1700, 15.5820, 37.0060 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, 74) }
```


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

```
.border{ border-color:rgb(66, 0, 74) }
```

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, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 0, 74); -webkit-box-shadow:4px  
4px 4px 4px rgb(66, 0, 74); box-shadow:4px  
4px 4px 4px rgb(66, 0, 74) }
```

Background

The CSS property to change the background color of an element to YIQ 28.1700, 15.5820, 37.0060 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, 74) }
```

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

```
.background{ background-color: rgb(66, 0,  
74) }
```

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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