

Converting Colors

YIQ(27.2870, -7.1570, 25.0910)

Have a look what the booklet for
YIQ(27.2870, -7.1570, 25.0910)
contains.

YIQ(27.2870, -7.1570, 25.0910)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	22
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	28

Color

**YIQ(27.2870, -7.1570,
25.0910)**

Conversions

Conversions Part 1

Format	Color
Hex	240D4E
RGB	36, 13, 78
RGB Percent	14%, 5%, 31%
CMY	0.8587, 0.9491, 0.6942
CMYK	0.54, 0.83, 0.00, 0.69
HSL	261°, 71%, 18%
HSV	261°, 83%, 31%
XYZ	2.2466, 1.2129, 7.3197
YIQ	27.2870, -7.1570, 25.0910

Conversions

Conversions Part 2

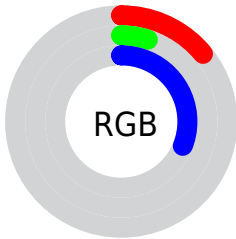
Format	Color
RYB	36, 13, 78
Decimal	2362702
CIELab	10.65, 28.61, -35.37
CIElCh	11, 45.495, 308.973
Yxy	1.2129, 0.2084, 0.1125
Android (android.graphics.Color)	4280552782 (0xFF240D4E)
YUV	27.2870, 25.0015, 7.6413
Hunter-Lab	11.0131, 17.1405, -31.6969

Details

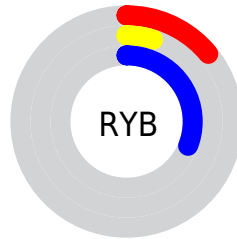
The YIQ color **27.2870, -7.1570, 25.0910** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **63.7130, 7.1570, -25.0910**, and the grayscale version is **27.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **73.7650, -5.5070, 28.2290**, and **4.8220, -10.8220, 8.9060** is the 20% darker color. If you saturate the color by 10%, you get **21.0960, -7.9370, 28.2150**, and if you desaturate by 10%, it is **33.4780, -6.3770, 21.9670**.

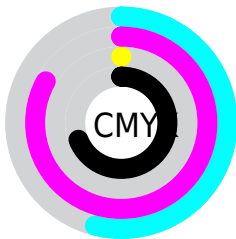
Distribution



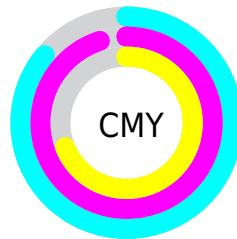
- Red (14%)
- Green (5%)
- Blue (31%)



- Red (14%)
- Yellow (5%)
- Blue (31%)



- Cyan (54%)
- Magenta (83%)
- Yellow (0%)
- Black (69%)



- Cyan (86%)
- Magenta (95%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 27.2870, -7.1570, 25.0910 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 27.2870, -7.1570, 25.0910 by changing the saturation by 10% instead.

■ 27.2870, -7.1570,
25.0910

■ 27.2870, -7.1570,
25.0910

■ 246.7820, 3.8500,
7.3220

■ 11.6520, -6.9270,
20.9210

■ 73.7650, -5.5070,
28.2290

■ 4.8220, -10.8220,
8.9060

■ 98.5910, -4.9570,
29.2750

■ 0.5700, -1.6050,
1.5550

■ 124.1180, -5.0030,
30.1090

■ 0.0000, 0.0000,
0.0000

■ 150.0580, -4.7740,
31.4660

■ 176.8840, -4.2240,
32.5120

■ 203.1570, -0.7390,

29.9250

■ 228.2640, 8.8450,
21.4290

■ 27.2870, -7.1570,
25.0910

■ 27.2870, -7.1570,
25.0910

■ 21.0960, -7.9370,
28.2150

■ 33.4780, -6.3770,
21.9670

■ 17.2640, -8.3500,
30.1940

■ 39.6690, -5.5970,
18.8430

■ 45.2730, -4.5420,
16.2420

■ 51.4640, -3.7620,
13.1180

■ 57.6550, -2.9820,
9.9940

■ 63.8460, -2.2020,
6.8700

■ 70.0370, -1.4220,
3.7460

■ 75.6410, -0.3670,
1.1450

■ 81.8320, 0.4130,
-1.9790

Harmonies

Analogous

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



28.6850, -38.0570, 12.3990



27.2870, -7.1570, 25.0910



26.8580, 25.0280, 31.0120

Triad

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



27.2870, -7.1570, 25.0910



26.7120, 27.2340, 2.0340



28.9860, -23.7480, -10.1480

Complementary

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



27.2870, -7.1570, 25.0910



63.7130, 7.1570, -25.0910

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.



24.0670, -11.2750, -21.4430



27.2870, -7.1570, 25.0910



26.8680, 8.7590, -10.0650

Square

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



27.2870, -7.1570, 25.0910



21.5280, 42.9120, 15.2640



21.7190, -10.1750, -19.3510



31.8190, -33.1030, -0.2950

Rectangle

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



27.2870, -7.1570, 25.0910



26.8560, 36.5370, 26.1770



21.7190, -10.1750, -19.3510



27.7320, -20.2170, -13.5690

Sweetspot

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



27.2870, -7.1570, 25.0910



82.5410, -2.6610, 9.6830



45.0640, -32.4150, -1.7510



39.2050, -1.8350, 5.7250



179.0000, -0.0000, -0.0000



51.0000, -0.0000, -0.0000

Same Dimension

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



27.2870, -7.1570, 25.0910



22.3920, -11.2860, 39.3540



36.8550, 11.9150, 31.8750



35.0540, -0.0920, 1.6680



50.4390, -25.5540, 88.7020

Inverse Universe

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



37.2230, 25.2580, 26.8420



38.0220, 39.6060, 42.1500



54.1450, -11.9150, -31.8750



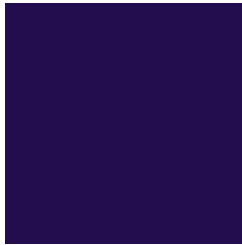
35.5380, 1.4210, 1.7810



85.6420, 89.5720, 94.7880

Previews

White Background



This preview shows how the YIQ color 27.2870, -7.1570, 25.0910 looks on a white background.

Color Contrast Check

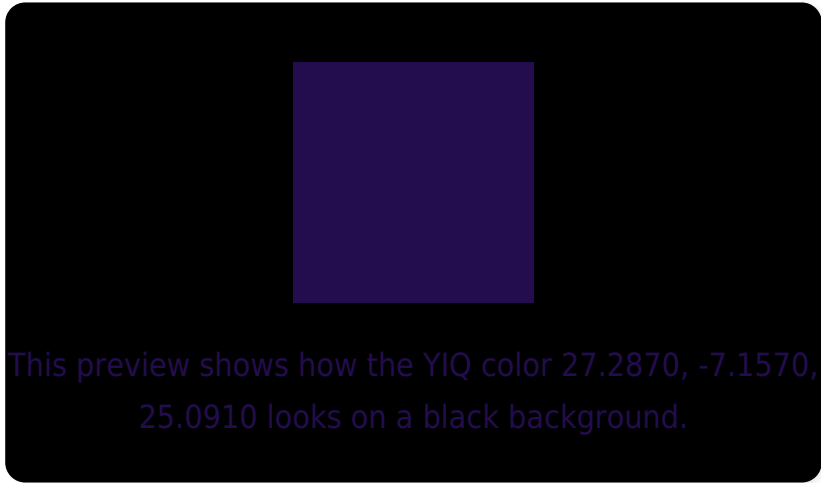
Large Text (above 18pt) WCAG AA ✓ Pass

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

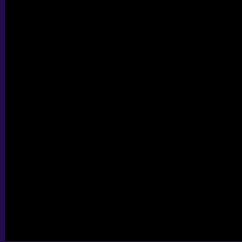
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 27.2870, -7.1570, 25.0910

Background



This preview shows how black text looks on a background with the YIQ color 27.2870, -7.1570, 25.0910.



This preview shows how white text looks on a background with the YIQ color 27.2870, -7.1570,

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

27.2870, -7.1570, 25.0910

Protanopia

24.0910, -27.8770, 4.1150

Tritanopia

29.3520, -6.9230, -1.1870

Trichromacy



Original Color

27.2870, -7.1570, 25.0910

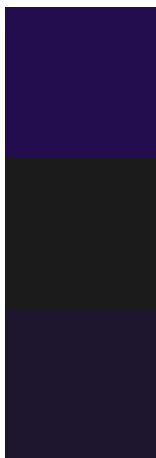
Protanomaly

25.1400, -20.4050, 11.8750

Tritanomaly

28.5620, -7.1540, 8.5100

Monochromacy



Original Color

27.2870, -7.1570, 25.0910

Achromatopsia

27.0000, -0.0000, 0.0000

Achromatomaly

27.1280, -2.9360, 9.1600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 27.2870, -7.1570, 25.0910 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(36, 13, 78)` looks like.

```
.text, #text, p{  
    color:rgb(36, 13, 78)  
}
```

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(36, 13, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 13, 78) }
```

Border

The CSS property to change the border of an element to YIQ 27.2870, -7.1570, 25.0910 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(36, 13, 78) }
```

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

```
.border{ border-color:rgb(36, 13, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 13, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 13, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 13, 78);  
box-shadow:4px 4px 4px 4px rgb(36, 13, 78)  
}
```

Background

The CSS property to change the background color of an element to YIQ 27.2870, -7.1570, 25.0910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 13, 78) }
```

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

```
.background{ background-color: rgb(36, 13,  
78) }
```

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