

Converting Colors

YIQ(26.8570, -0.7350, 7.8170)

Have a look what the booklet for
YIQ(26.8570, -0.7350, 7.8170)
contains.

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Color

**YIQ(26.8570, -0.7350,
7.8170)**

Conversions

Conversions Part 1

Format	Color
Hex	1F1629
RGB	31, 22, 41
RGB Percent	12%, 9%, 16%
CMY	0.8784, 0.9137, 0.8392
CMYK	0.24, 0.46, 0.00, 0.84
HSL	268°, 30%, 12%
HSV	268°, 46%, 16%
XYZ	1.2523, 1.0252, 2.2293
YIQ	26.8570, -0.7350, 7.8170

Conversions

Conversions Part 2

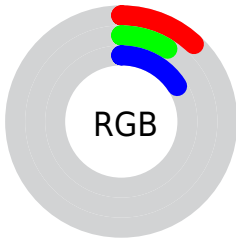
Format	Color
RYB	31, 22, 41
Decimal	2037289
CIELab	9.20, 9.48, -11.27
CIElCh	9, 14.722, 310.067
Yxy	1.0252, 0.2779, 0.2275
Android (android.graphics.Color)	4280227369 (0xFF1F1629)
YUV	26.8570, 6.9725, 3.6334
Hunter-Lab	10.1251, 4.3589, -5.9665

Details

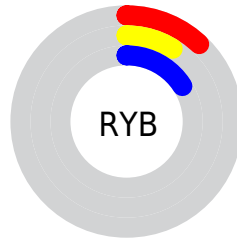
The YIQ color **26.8570, -0.7350, 7.8170** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **36.1430, 0.7350, -7.8170**, and the grayscale version is **27.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **70.3840, -0.7810, 8.6510**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **23.9110, -0.8270, 9.4850**, and if you desaturate by 10%, it is **29.8030, -0.6430, 6.1490**.

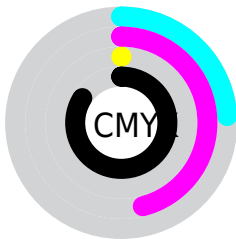
Distribution



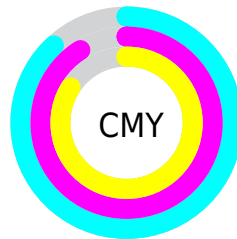
- Red (12%)
- Green (9%)
- Blue (16%)



- Red (12%)
- Yellow (9%)
- Blue (16%)



- Cyan (24%)
- Magenta (46%)
- Yellow (0%)
- Black (84%)



- Cyan (88%)
- Magenta (91%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 26.8570, -0.7350, 7.8170 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 26.8570, -0.7350, 7.8170 by changing the saturation by 10% instead.

■ 26.8570, -0.7350,
7.8170

■ 26.8570, -0.7350,
7.8170

■ 250.8910, 1.9250,
3.6610

■ 3.5900, -4.3570,
7.3790

■ 70.3840, -0.7810,
8.6510

■ 0.0000, 0.0000,
0.0000

■ 93.9110, -0.8270,
9.4850

■ 118.3240, -0.5520,
10.0080

■ 144.3240, -0.5520,
10.0080

■ 170.7370, -0.2770,
10.5310

■ 198.1500, -0.0020,

11.0540

■ 226.2640, -0.3230,
11.3650

■ 26.8570, -0.7350,
7.8170

■ 26.8570, -0.7350,
7.8170

■ 23.9110, -0.8270,
9.4850

■ 29.8030, -0.6430,
6.1490

■ 20.9650, -0.9190,
11.1530

■ 32.7490, -0.5510,
4.4810

■ 18.0190, -1.0110,
12.8210

■ 35.6950, -0.4590,
2.8130

■ 14.7740, -1.6990,
14.2770

■ 38.9400, 0.2290,
1.3570

■ 11.2410, -1.5160,
16.4680

■ 41.8860, 0.3210,
-0.3110

■ 10.3550, -1.8370,
16.7790

■ 45.4190, 0.1380,
-2.5020

■ 48.3650, 0.2300,
-4.1700

■ 51.3110, 0.3220,
-5.8380

■ 54.2570, 0.4140,
-7.5060

Harmonies

Analogous

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



24.8770, -12.6550, 3.5770



26.8570, -0.7350, 7.8170



27.1740, 8.6180, 9.0180

Triad

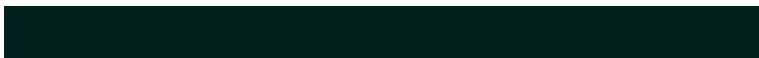
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



26.8570, -0.7350, 7.8170



24.8630, 16.3230, -3.9730



21.5030, -17.8340, -7.1940

Complementary

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



26.8570, -0.7350, 7.8170



36.1430, 0.7350, -7.8170

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.



21.1460, -12.5150, -9.9790



26.8570, -0.7350, 7.8170



24.2320, 10.7300, -7.2380

Square

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



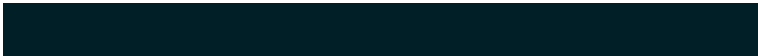
26.8570, -0.7350, 7.8170



25.2640, 16.8720, 2.6000



23.3880, 1.4230, -9.2730



22.5290, -20.7230, -4.3950

Rectangle

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



26.8570, -0.7350, 7.8170



26.6860, 12.9280, 8.0000



23.3880, 1.4230, -9.2730



21.1610, -16.8710, -8.1270

Sweetspot

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



26.8570, -0.7350, 7.8170



48.1080, -0.1840, 3.3360



30.0360, -8.8490, 0.6790



24.4670, 0.1830, 2.1910



156.0000, -0.0000, -0.0000



28.0000, -0.0000, 0.0000

Same Dimension

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



26.8570, -0.7350, 7.8170



31.6060, -1.2860, 12.2980



29.5480, 4.6290, 9.7250



18.5270, -0.0460, 0.8340



21.5360, -3.1240, 34.6040



54.0680, -8.4520, 87.1320

Inverse Universe

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



28.8210, 8.1140, 7.1380



34.6800, 13.0650, 11.0250



33.4520, -4.6290, -9.7250



18.7120, 0.8710, 0.7350



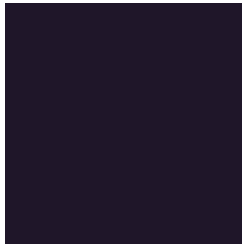
30.1320, 35.9400, 31.4920



76.0420, 90.7210, 79.4650

Previews

White Background



This preview shows how the YIQ color 26.8570, -0.7350, 7.8170 looks on a white background.

Color Contrast Check

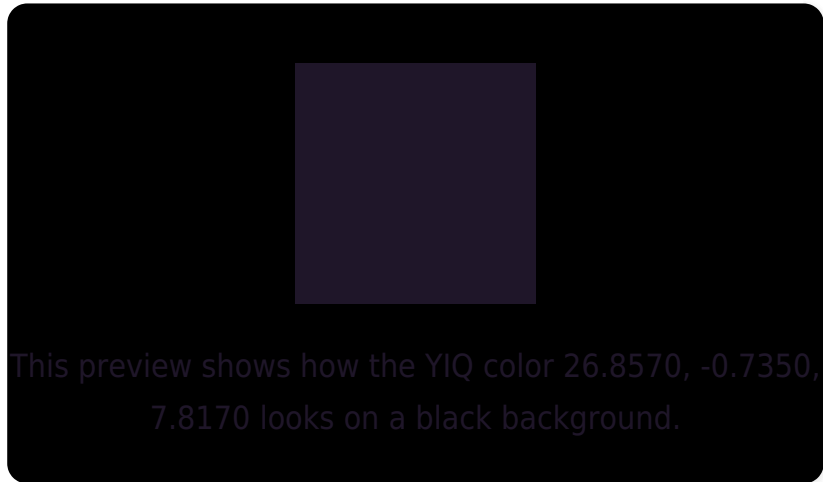
Large Text (above 18pt) WCAG AA ✓ Pass

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

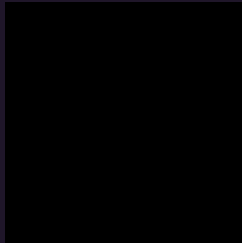
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 26.8570, -0.7350, 7.8170

Background



This preview shows how black text looks on a background with the YIQ color 26.8570, -0.7350, 7.8170.



This preview shows how white text looks on a background with the YIQ color 26.8570, -0.7350,

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

26.8570, -0.7350, 7.8170

Protanopia

25.6600, -10.5460, 3.9020

Deuteranopia

25.5030, -8.6660, 2.8700



Tritanopia

26.4240, 1.7420, 1.4700

Trichromacy



Original Color

26.8570, -0.7350, 7.8170

Protanomaly

26.4540, -6.9700, 5.1740

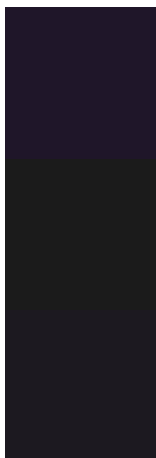
Deuteranomaly

26.1120, -6.0070, 4.2410

Tritanomaly

26.7060, 1.0080, 3.7600

Monochromacy



Original Color

26.8570, -0.7350, 7.8170

Achromatopsia

27.0000, -0.0000, 0.0000

Achromatomaly

26.6950, -0.4590, 2.8130

CSS Examples

Text

The CSS property to change the color of the text to YIQ 26.8570, -0.7350, 7.8170 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(31, 22, 41)` looks like.

```
.text, #text, p{  
    color:rgb(31, 22, 41)  
}
```

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(31, 22, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 22, 41) }
```

Border

The CSS property to change the border of an element to YIQ 26.8570, -0.7350, 7.8170 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(31, 22, 41) }
```


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

```
.border{ border-color:rgb(31, 22, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 22, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 22, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 22, 41);  
box-shadow:4px 4px 4px 4px rgb(31, 22, 41)  
}
```

Background

The CSS property to change the background color of an element to YIQ 26.8570, -0.7350, 7.8170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 22, 41) }
```

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

```
.background{ background-color: rgb(31, 22,  
41) }
```

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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