

Converting Colors

YIQ(25.6970, -10.8270, 36.5410)

Have a look what the booklet for
YIQ(25.6970, -10.8270, 36.5410)
contains.

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Color

**YIQ(25.6970, -10.8270,
36.5410)**

Conversions

Conversions Part 1

Format	Color
Hex	260564
RGB	38, 5, 100
RGB Percent	15%, 2%, 39%
CMY	0.8508, 0.9805, 0.6080
CMYK	0.62, 0.95, 0.00, 0.61
HSL	261°, 90%, 21%
HSV	261°, 95%, 39%
XYZ	3.1536, 1.4405, 12.1609
YIQ	25.6970, -10.8270, 36.5410

Conversions

Conversions Part 2

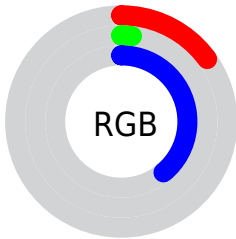
Format	Color
R_{YB}	38, 5, 100
Decimal	2491748
CIE _{Lab}	12.22, 39.01, -47.65
CIE _{LCh}	12, 61.582, 309.303
Yxy	1.4405, 0.1882, 0.0860
Android (android.graphics.Color)	4280681828 (0xFF260564)
YUV	25.6970, 36.6314, 10.7897
Hunter-Lab	12.0021, 25.8972, -51.6729




Details

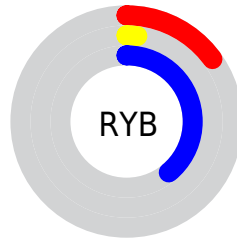
The YIQ color **25.6970, -10.8270, 36.5410** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **79.3030, 10.8270, -36.5410**, and the grayscale version is **25.0000, -0.0000, -0.0000**.




A 20% lighter version of the original color is **76.8330, -8.2140, 38.7460**, and **5.9280, -16.6920, 16.1720** is the 20% darker color. If you saturate the color by 10%, you get **21.8650, -11.2400, 38.5200**, and if you desaturate by 10%, it is **33.6600, -9.4050, 32.7950**.

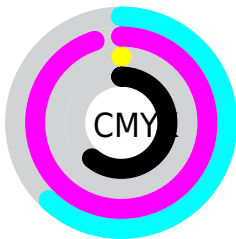
Distribution







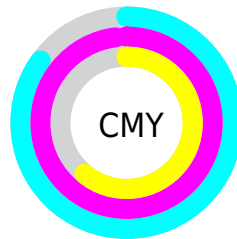
-  Red (15%)
-  Green (2%)
-  Blue (39%)






-  Red (15%)
-  Yellow (2%)
-  Blue (39%)



-  Cyan (62%)
-  Magenta (95%)
-  Yellow (0%)
-  Black (61%)



-  Cyan (85%)
-  Magenta (98%)
-  Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 25.6970, -10.8270, 36.5410 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 25.6970, -10.8270, 36.5410 by changing the saturation by 10% instead.

■ 25.6970, -10.8270,
36.5410

■ 25.6970, -10.8270,
36.5410

■ 245.6080, 4.4000,
8.3680

■ 11.3550, -19.0320,
25.5440

■ 76.8330, -8.2140,
38.7460

■ 5.9280, -16.6920,
16.1720

■ 102.0720, -7.3890,
40.3150

■ 4.5940, -10.1800,
8.2840

■ 128.0120, -7.1600,
41.6720

■ 0.0000, 0.0000,
0.0000

■ 154.2510, -6.3350,
43.2410

■ 180.7520, -3.4920,
41.2760

■ 205.2720, 6.3670,

33.3030

■ 228.5850, 12.3750,
23.5350

■ 25.6970, -10.8270,
36.5410

■ 25.6970, -10.8270,
36.5410

■ 21.8650, -11.2400,
38.5200

■ 33.6600, -9.4050,
32.7950

■ 41.3240, -8.5790,
28.8370

■ 49.2870, -7.1570,
25.0910

■ 56.9510, -6.3310,
21.1330

■ 64.9140, -4.9090,
17.3870

■ 72.5780, -4.0830,
13.4290

■ 80.5410, -2.6610,
9.6830

■ 88.2050, -1.8350,
5.7250

■ 96.1680, -0.4130,
1.9790

Harmonies

Analogous

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



34.8120, -48.4200, 18.4920



25.6970, -10.8270, 36.5410



33.1950, 31.6290, 38.0370

Triad

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



25.6970, -10.8270, 36.5410



28.5280, 33.7440, 5.2000



32.7190, -27.3700, -10.5860

Complementary

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



25.6970, -10.8270, 36.5410



79.3030, 10.8270, -36.5410

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.



27.0020, -12.6500, -24.0580



25.6970, -10.8270, 36.5410



29.2160, 7.6590, -12.1570

Square

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



25.6970, -10.8270, 36.5410



26.3120, 52.4480, 18.6560



25.2410, -11.8250, -22.4890



37.9800, -40.8060, 1.6420

Rectangle

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



25.6970, -10.8270, 36.5410



33.2920, 47.1730, 31.6610



25.2410, -11.8250, -22.4890



30.4220, -22.2800, -14.7280

Sweetspot

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



25.6970, -10.8270, 36.5410



100.2190, -4.4500, 14.5740



52.8110, -47.8200, -3.4040



48.0140, -2.6150, 8.8490



194.0000, -0.0000, 0.0000



66.0000, -0.0000, -0.0000

Same Dimension

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



25.6970, -10.8270, 36.5410



28.2750, -14.9100, 49.9700



39.4510, 16.5890, 46.2930



47.1680, -0.4130, 1.9790



25.0700, -13.0750, 44.2450



52.7040, -27.6180, 93.0700

Inverse Universe

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



40.4730, 36.7180, 39.4220



48.5600, 50.1950, 53.9950



65.5490, -16.5890, -46.2930



47.8370, 2.0170, 1.9930



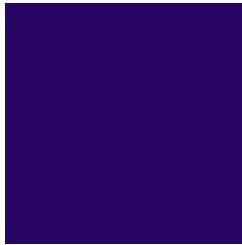
42.9350, 44.4650, 47.7050



90.3700, 93.5140, 100.4420

Previews

White Background



This preview shows how the YIQ color 25.6970, -10.8270, 36.5410 looks on a white background.

Color Contrast Check

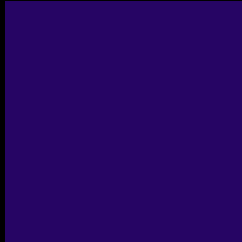
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YIQ color 25.6970, -10.8270, 36.5410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

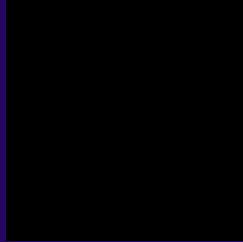
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 25.6970, -10.8270, 36.5410

Background



This preview shows how black text looks on a background with the YIQ color 25.6970, -10.8270, 36.5410.



This preview shows how white text looks on a background with the YIQ color 25.6970, -10.8270,

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

25.6970, -10.8270, 36.5410

Protanopia

28.0520, -32.1410, 4.2990

Deuteranopia

27.9720, -29.1600, -0.1680



Tritanopia

27.6810, -24.2070, -7.3350

Trichromacy



Original Color

25.6970, -10.8270, 36.5410

Protanomaly

27.0350, -24.3030, 16.4410

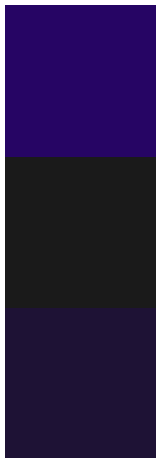
Deuteranomaly

27.4110, -22.6060, 13.2180

Tritanomaly

27.2170, -19.3040, 8.4400

Monochromacy



Original Color

25.6970, -10.8270, 36.5410

Achromatopsia

26.0000, -0.0000, -0.0000

Achromatomaly

25.5780, -4.0830, 13.4290

CSS Examples

Text

The CSS property to change the color of the text to YIQ 25.6970, -10.8270, 36.5410 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(38, 5, 100)` looks like.

```
.text, #text, p{  
    color:rgb(38, 5, 100)  
}
```

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(38, 5, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 5, 100) }
```

Border

The CSS property to change the border of an element to YIQ 25.6970, -10.8270, 36.5410 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(38, 5, 100) }
```


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

```
.border{ border-color:rgb(38, 5, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 5, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 5, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 5, 100);  
box-shadow:4px 4px 4px 4px rgb(38, 5, 100)  
}
```

Background

The CSS property to change the background color of an element to YIQ 25.6970, -10.8270, 36.5410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 5, 100) }
```

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

```
.background{ background-color: rgb(38, 5,  
100) }
```

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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