

Converting Colors

YIQ(27.9560, -4.7270, 25.1050)

Have a look what the booklet for
YIQ(27.9560, -4.7270, 25.1050)
contains.

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Color

**YIQ(27.9560, -4.7270,
25.1050)**

Conversions

Conversions Part 1

Format	Color
Hex	270D4C
RGB	39, 13, 76
RGB Percent	15%, 5%, 30%
CMY	0.8470, 0.9491, 0.7020
CMYK	0.49, 0.83, 0.00, 0.70
HSL	265°, 71%, 17%
HSV	265°, 83%, 30%
XYZ	2.2854, 1.2410, 6.9534
YIQ	27.9560, -4.7270, 25.1050

Conversions

Conversions Part 2

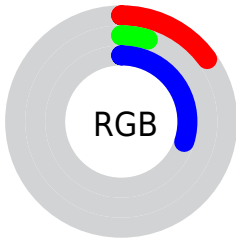
Format	Color
RYB	39, 13, 76
Decimal	2559308
CIELab	10.86, 28.55, -33.64
CIElCh	11, 44.124, 310.327
Yxy	1.2410, 0.2181, 0.1184
Android (android.graphics.Color)	4280749388 (0xFF270D4C)
YUV	27.9560, 23.6857, 9.6856
Hunter-Lab	11.1399, 17.1248, -29.2103

Details

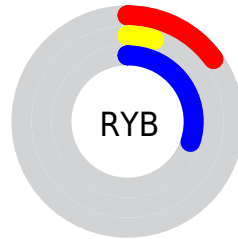
The YIQ color **27.9560, -4.7270, 25.1050** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **61.0440, 4.7270, -25.1050**, and the grayscale version is **28.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **75.0210, -3.3520, 27.7200**, and **4.7080, -10.5010, 8.5950** is the 20% darker color. If you saturate the color by 10%, you get **22.0640, -4.9110, 28.4410**, and if you desaturate by 10%, it is **33.8480, -4.5430, 21.7690**.

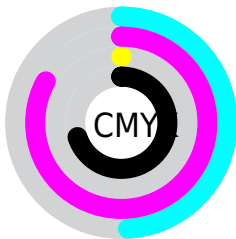
Distribution



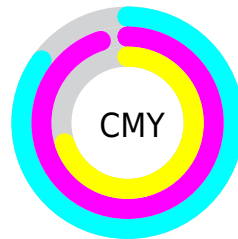
- Red (15%)
- Green (5%)
- Blue (30%)



- Red (15%)
- Yellow (5%)
- Blue (30%)



- Cyan (49%)
- Magenta (83%)
- Yellow (0%)
- Black (70%)



- Cyan (85%)
- Magenta (95%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 27.9560, -4.7270, 25.1050 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 27.9560, -4.7270, 25.1050 by changing the saturation by 10% instead.

■ 27.9560, -4.7270,
25.1050

■ 27.9560, -4.7270,
25.1050

■ 246.7820, 3.8500,
7.3220

■ 12.3210, -4.4970,
20.9350

■ 75.0210, -3.3520,
27.7200

■ 4.7080, -10.5010,
8.5950

■ 98.9610, -3.1230,
29.0770

■ 0.2280, -0.6420,
0.6220

■ 124.7870, -2.5730,
30.1230

■ 0.0000, 0.0000,
0.0000

■ 150.6130, -2.0230,
31.1690

■ 177.8410, -2.6650,
31.7910

■ 204.6410, 0.7740,

30.0380

■ 229.7480, 10.3580,
21.5420

■ 27.9560, -4.7270,
25.1050

■ 27.9560, -4.7270,
25.1050

■ 22.0640, -4.9110,
28.4410

■ 33.8480, -4.5430,
21.7690

■ 17.9330, -5.9200,
30.2080

■ 39.4520, -3.4880,
19.1680

■ 45.3440, -3.3040,
15.8320

■ 50.9480, -2.2490,
13.2310

■ 56.8400, -2.0650,
9.8950

■ 63.0310, -1.2850,
6.7710

■ 68.3360, -0.8260,
3.9580

■ 74.5270, -0.0460,
0.8340

■ 79.8320, 0.4130,
-1.9790

Harmonies

Analogous

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



28.4570, -37.4150, 11.7770



27.9560, -4.7270, 25.1050



26.6300, 25.6700, 30.3900

Triad

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



27.9560, -4.7270, 25.1050



27.5870, 26.0880, 0.7760



29.1000, -24.0690, -9.8370

Complementary

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



27.9560, -4.7270, 25.1050



61.0440, 4.7270, -25.1050

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.



24.1810, -11.5960, -21.1320



27.9560, -4.7270, 25.1050



26.5690, 8.1630, -10.2770

Square

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



27.9560, -4.7270, 25.1050



21.2290, 42.3160, 15.0520



22.3060, -10.4500, -19.8740



31.8190, -33.1030, -0.2950

Rectangle

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



27.9560, -4.7270, 25.1050



26.4430, 36.2620, 25.6540



22.3060, -10.4500, -19.8740



27.9600, -20.8590, -12.9470

Sweetspot

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



27.9560, -4.7270, 25.1050



80.7260, -1.7440, 9.5840



42.4880, -30.6730, -0.2810



39.5040, -1.2390, 5.9370



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.



27.9560, -4.7270, 25.1050



24.4310, -7.0220, 39.1700



37.2250, 13.7490, 31.6770



35.0540, -0.0920, 1.6680



24.1860, -7.7100, 40.6260



54.6250, -17.2100, 91.6700

Inverse Universe

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



36.0550, 25.6710, 24.8630



36.9140, 39.7900, 38.8140



51.7750, -13.7490, -31.6770



35.5380, 1.4210, 1.7810



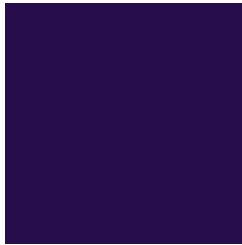
37.3380, 41.5320, 40.2840



84.1600, 93.7450, 90.7450

Previews

White Background



This preview shows how the YIQ color 27.9560, -4.7270, 25.1050 looks on a white background.

Color Contrast Check

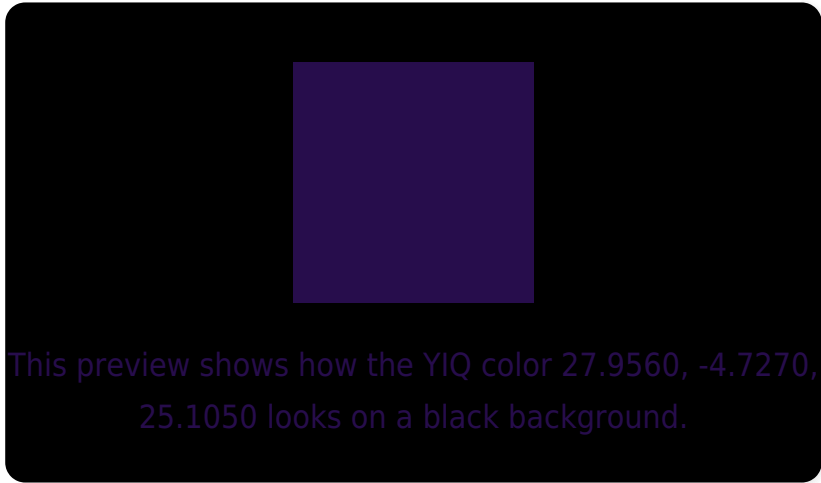
Large Text (above 18pt) WCAG AA ✓ Pass

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

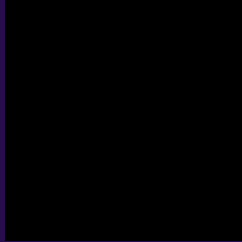
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 27.9560, -4.7270, 25.1050

Background



This preview shows how black text looks on a background with the YIQ color 27.9560, -4.7270, 25.1050.



This preview shows how white text looks on a background with the YIQ color 27.9560, -4.7270,

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

27.9560, -4.7270, 25.1050

Protanopia

24.7920, -28.4730, 3.9030

Deuteranopia

24.9400, -26.1340, 0.0580



Tritanopia

30.4450, -2.7510, 0.2970

Trichromacy



Original Color

27.9560, -4.7270, 25.1050

Protanomaly

26.0260, -20.0840, 11.5640

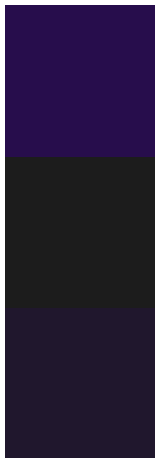
Deuteranomaly

25.9290, -18.4330, 9.1750

Tritanomaly

29.2420, -3.2570, 9.4710

Monochromacy



Original Color

27.9560, -4.7270, 25.1050

Achromatopsia

28.0000, -0.0000, 0.0000

Achromatomaly

28.1990, -1.6980, 8.7500

CSS Examples

Text

The CSS property to change the color of the text to YIQ 27.9560, -4.7270, 25.1050 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(39, 13, 76)` looks like.

```
.text, #text, p{  
    color:rgb(39, 13, 76)  
}
```

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(39, 13, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 13, 76) }
```

Border

The CSS property to change the border of an element to YIQ 27.9560, -4.7270, 25.1050 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(39, 13, 76) }
```


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

```
.border{ border-color:rgb(39, 13, 76) }
```

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

Here you see how a box with a 4 pixel rgb(39, 13, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 13, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 13, 76);  
box-shadow:4px 4px 4px 4px rgb(39, 13, 76)  
}
```

Background

The CSS property to change the background color of an element to YIQ 27.9560, -4.7270, 25.1050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 13, 76) }
```

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

```
.background{ background-color: rgb(39, 13,  
76) }
```

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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