

Converting Colors

YIQ(27.9610, 4.9040, 10.2480)

Have a look what the booklet for
YIQ(27.9610, 4.9040, 10.2480)
contains.

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Color

**YIQ(27.9610, 4.9040,
10.2480)**

Conversions

Conversions Part 1

Format	Color
Hex	271428
RGB	39, 20, 40
RGB Percent	15%, 8%, 16%
CMY	0.8470, 0.9216, 0.8431
CMYK	0.02, 0.50, 0.00, 0.84
HSL	297°, 33%, 12%
HSV	297°, 50%, 16%
XYZ	1.4703, 1.0849, 2.1395
YIQ	27.9610, 4.9040, 10.2480

Conversions

Conversions Part 2

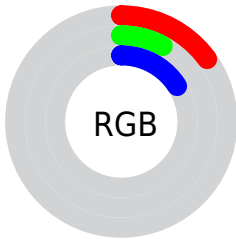
Format	Color
R_{YB}	39, 20, 40
Decimal	2561064
CIE _{Lab}	9.68, 13.90, -9.69
CIE _{LCh}	10, 16.944, 325.099
Yxy	1.0849, 0.3132, 0.2311
Android (android.graphics.Color)	4280751144 (0xFF271428)
YUV	27.9610, 5.9352, 9.6812
Hunter-Lab	10.4157, 6.9699, -4.8878

Details

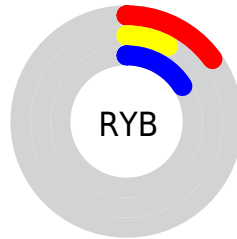
The YIQ color **27.9610, 4.9040, 10.2480** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **32.0390, -4.9040, -10.2480**, and the grayscale version is **28.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **72.0860, 6.0500, 11.5060**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **25.6130, 6.0040, 12.3400**, and if you desaturate by 10%, it is **30.3090, 3.8040, 8.1560**.

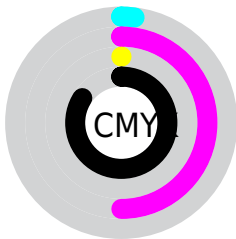
Distribution



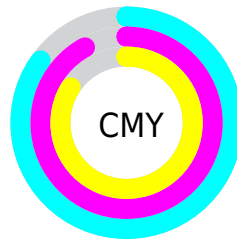
- Red (15%)
- Green (8%)
- Blue (16%)



- Red (15%)
- Yellow (8%)
- Blue (16%)



- Cyan (2%)
- Magenta (50%)
- Yellow (0%)
- Black (84%)



- Cyan (85%)
- Magenta (92%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 27.9610, 4.9040, 10.2480 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 27.9610, 4.9040, 10.2480 by changing the saturation by 10% instead.

■ 27.9610, 4.9040,
10.2480

■ 27.9610, 4.9040,
10.2480

■ 249.7170, 2.4750,
4.7070

■ 7.9610, 4.9040,
10.2480

■ 72.0860, 6.0500,
11.5060

■ 0.0000, 0.0000,
0.0000

■ 95.4990, 6.3250,
12.0290

■ 120.9120, 6.6000,
12.5520

■ 146.3250, 6.8750,
13.0750

■ 172.7380, 7.1500,
13.5980

■ 200.7380, 7.1500,

13.5980

■ 228.1510, 7.4250,
14.1210

■ 27.9610, 4.9040,
10.2480

■ 27.9610, 4.9040,
10.2480

■ 25.6130, 6.0040,
12.3400

■ 30.3090, 3.8040,
8.1560

■ 23.2650, 7.1040,
14.4320

■ 32.6570, 2.7040,
6.0640

■ 20.6180, 7.6080,
16.3120

■ 35.3040, 2.2000,
4.1840

■ 18.2700, 8.7080,
18.4040

■ 37.6520, 1.1000,
2.0920

■ 15.9220, 9.8080,
20.4960

■ 40.0000, 0.0000,
-0.0000

■ 42.3480, -1.1000,
-2.0920

■ 44.6960, -2.2000,
-4.1840

■ 47.3430, -2.7040,
-6.0640

■ 49.6910, -3.8040,
-8.1560

Harmonies

Analogous

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



27.2090, -7.6580, 6.6300



27.9610, 4.9040, 10.2480



27.3380, 14.0280, 10.0920

Triad

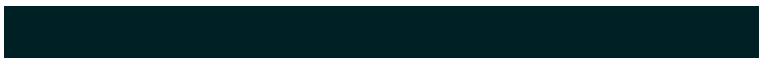
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



27.9610, 4.9040, 10.2480



25.4390, 14.5810, -5.4430



23.4750, -20.6310, -6.0630

Complementary

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



27.9610, 4.9040, 10.2480



32.0390, -4.9040, -10.2480

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.



22.2210, -17.1000, -9.4840



27.9610, 4.9040, 10.2480



24.7970, 7.5210, -9.6550

Square

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



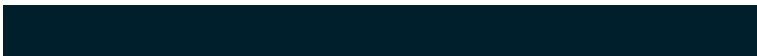
27.9610, 4.9040, 10.2480



25.7110, 19.8070, -1.0330



22.4410, -6.0960, -10.6720



23.3270, -22.9700, -2.2180

Rectangle

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



27.9610, 4.9040, 10.2480



26.7250, 17.1920, 7.8160



22.4410, -6.0960, -10.6720



23.0190, -19.3470, -7.3070

Sweetspot

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



27.9610, 4.9040, 10.2480



46.3040, 2.2000, 4.1840



22.8670, -6.6950, 5.6970



22.7660, 0.7790, 2.4030



153.0000, 0.0000, -0.0000



26.0000, -0.0000, -0.0000

Same Dimension

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



27.9610, 4.9040, 10.2480



32.2050, 7.3330, 15.7890



27.2340, 8.3890, 7.6610



18.8260, 0.5500, 1.0460



33.4960, 20.7160, 43.0840



84.2670, 51.7440, 108.5440

Inverse Universe

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



26.0940, 11.5990, 4.5510



29.4970, 17.8340, 7.1940



32.7660, -8.3890, -7.6610



18.5980, 1.1920, 0.4240



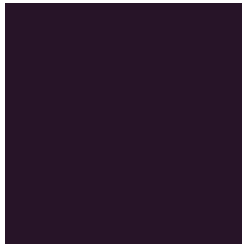
25.5720, 48.7800, 19.0520



64.5280, 123.1420, 48.0540

Previews

White Background



This preview shows how the YIQ color 27.9610, 4.9040, 10.2480 looks on a white background.

Color Contrast Check

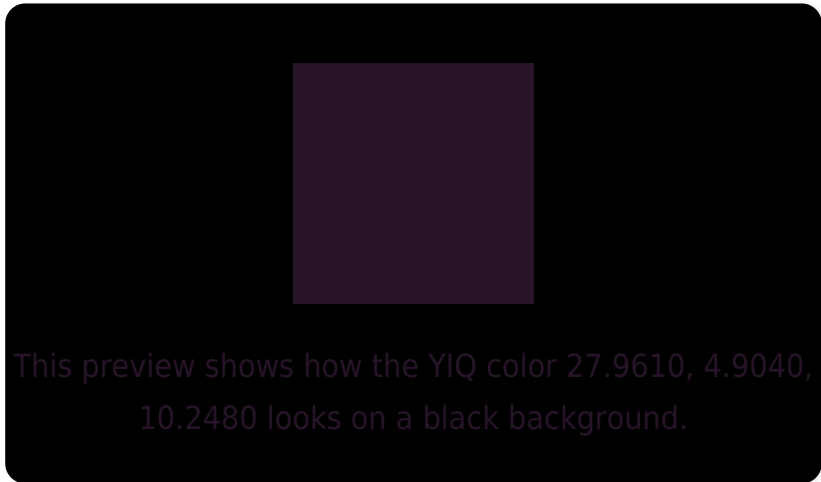
Large Text (above 18pt) WCAG AA ✓ Pass

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

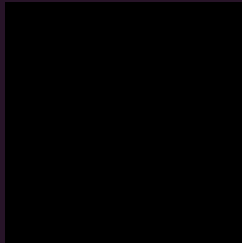
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 27.9610, 4.9040, 10.2480

Background



This preview shows how black text looks on a background with the YIQ color 27.9610, 4.9040, 10.2480.



This preview shows how white text looks on a background with the YIQ color 27.9610, 4.9040,

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

27.9610, 4.9040, 10.2480

Protanopia

27.0730, -10.2710, 4.4250

Deuteranopia

27.1720, -6.2360, 2.8840



Tritanopia

28.0010, 7.4270, 3.0670

Trichromacy



Original Color

27.9610, 4.9040, 10.2480

Protanomaly

27.1770, -4.6320, 6.8560

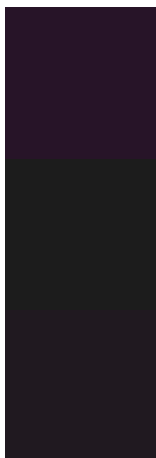
Deuteranomaly

27.2050, -1.8350, 5.7250

Tritanomaly

28.2830, 6.6930, 5.3570

Monochromacy



Original Color

27.9610, 4.9040, 10.2480

Achromatopsia

28.0000, -0.0000, 0.0000

Achromatomaly

27.8910, 1.9250, 3.6610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 27.9610, 4.9040, 10.2480 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, 20, 40)` looks like.

```
.text, #text, p{  
    color:rgb(39, 20, 40)  
}
```

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, 20, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 20, 40) }
```

Border

The CSS property to change the border of an element to YIQ 27.9610, 4.9040, 10.2480 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, 20, 40) }
```


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

```
.border{ border-color:rgb(39, 20, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 20, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 20, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 20, 40);  
box-shadow:4px 4px 4px 4px rgb(39, 20, 40)  
}
```

Background

The CSS property to change the background color of an element to YIQ 27.9610, 4.9040, 10.2480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 20, 40) }
```

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

```
.background{ background-color: rgb(39, 20,  
40) }
```

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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