

Converting Colors

YIQ(40.7970, -0.5060, 9.1740)

Have a look what the booklet for
YIQ(40.7970, -0.5060, 9.1740)
contains.

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Color

**YIQ(40.7970, -0.5060,
9.1740)**

Conversions

Conversions Part 1

Format	Color
Hex	2E2339
RGB	46, 35, 57
RGB Percent	18%, 14%, 22%
CMY	0.8196, 0.8628, 0.7765
CMYK	0.19, 0.39, 0.00, 0.78
HSL	270°, 24%, 18%
HSV	270°, 39%, 22%
XYZ	2.4665, 2.0782, 4.1414
YIQ	40.7970, -0.5060, 9.1740

Conversions

Conversions Part 2

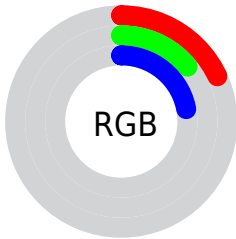
Format	Color
R_{YB}	46, 35, 57
Decimal	3023673
CIE _{Lab}	15.89, 10.56, -12.27
CIE _{LCh}	16, 16.192, 310.714
Yxy	2.0782, 0.2840, 0.2393
Android (android.graphics.Color)	4281213753 (0xFF2E2339)
YUV	40.7970, 7.9881, 4.5630
Hunter-Lab	14.4161, 5.3117, -6.9414

Details

The YIQ color **40.7970, -0.5060, 9.1740** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **51.2030, 0.5060, -9.1740**, and the grayscale version is **41.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **86.3240, -0.5520, 10.0080**, and **1.3680, -3.8520, 3.7320** is the 20% darker color. If you saturate the color by 10%, you get **36.3780, -0.6440, 11.6760**, and if you desaturate by 10%, it is **45.2160, -0.3680, 6.6720**.

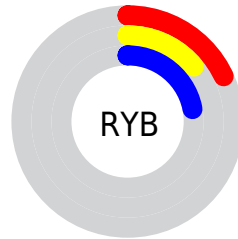
Distribution



 Red (18%)

 Green (14%)

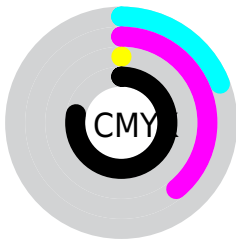
 Blue (22%)



 Red (18%)

 Yellow (14%)

 Blue (22%)

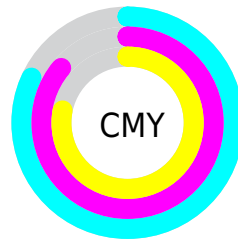


 Cyan (19%)

 Magenta (39%)

 Yellow (0%)

 Black (78%)



 Cyan (82%)

 Magenta (86%)

 Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 40.7970, -0.5060, 9.1740 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 40.7970, -0.5060, 9.1740 by changing the saturation by 10% instead.

■ 40.7970, -0.5060,
9.1740

■ 40.7970, -0.5060,
9.1740

■ 255.0000, -0.0000,
-0.0000

■ 19.6830, -0.1850,
8.8630

■ 85.7370, -0.2770,
10.5310

■ 1.3680, -3.8520,
3.7320

■ 110.7370, -0.2770,
10.5310

■ 0.0000, 0.0000,
0.0000

■ 136.1500, -0.0020,
11.0540

■ 162.2640, -0.3230,
11.3650

■ 189.6770, -0.0480,
11.8880

■ 217.0900, 0.2270,

12.4110

243.8360, 3.7580,
8.9900

40.7970, -0.5060,
9.1740

40.7970, -0.5060,
9.1740

36.3780, -0.6440,
11.6760

45.2160, -0.3680,
6.6720

32.5460, -1.0570,
13.6550

49.0480, 0.0450,
4.6930

28.1270, -1.1950,
16.1570

53.4670, 0.1830,
2.1910

24.0070, -0.7370,
18.8710

57.5870, -0.2750,
-0.5230

19.5880, -0.8750,
21.3730

61.4190, 0.1380,
-2.5020

■ 15.7560, -1.2880,
23.3520

■ 65.8380, 0.2760,
-5.0040

■ 15.1690, -1.0130,
23.8750

■ 70.2570, 0.4140,
-7.5060

■ 74.6760, 0.5520,
-10.0080

■ 78.5080, 0.9650,
-11.9870

Harmonies

Analogous

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



38.6320, -13.3430, 5.0330



40.7970, -0.5060, 9.1740



40.5980, 10.3600, 10.4880

Triad

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



40.7970, -0.5060, 9.1740



39.0310, 15.9100, -1.9940



31.9040, -26.4530, -10.6850

Complementary

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



40.7970, -0.5060, 9.1740



51.2030, 0.5060, -9.1740

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.



34.5480, -13.7070, -10.4030



40.7970, -0.5060, 9.1740



38.1610, 9.4920, -6.8280

Square

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



40.7970, -0.5060, 9.1740



39.5740, 18.9350, 3.7590



36.7190, -1.0070, -9.2870



32.5710, -29.7090, -6.7410

Rectangle

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



40.7970, -0.5060, 9.1740



40.4090, 15.2660, 9.6820



36.7190, -1.0070, -9.2870



32.0460, -23.9770, -11.5050

Sweetspot

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



40.7970, -0.5060, 9.1740



67.5210, 0.0910, 3.8590



43.9650, -10.0870, 1.0890



34.4670, 0.1830, 2.1910



166.0000, -0.0000, 0.0000



38.0000, -0.0000, -0.0000

Same Dimension

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



40.7970, -0.5060, 9.1740



48.9590, -0.7820, 14.1780



44.0860, 6.0500, 11.5060



25.9400, 0.2290, 1.3570



24.2420, -2.1160, 38.3640



57.8560, -4.7390, 91.4290

Inverse Universe

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



42.8320, 9.5810, 8.0850



52.1040, 14.8070, 12.4950



47.9140, -6.0500, -11.5060



26.1250, 1.1460, 1.2580



32.7520, 40.0660, 33.8100



78.0210, 95.2140, 80.6380

Previews

White Background



This preview shows how the YIQ color 40.7970, -0.5060, 9.1740 looks on a white background.

Color Contrast Check

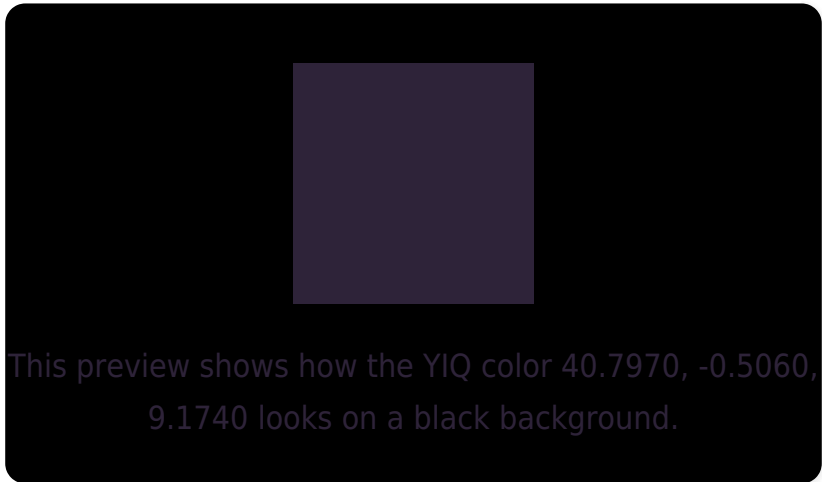
Large Text (above 18pt) WCAG AA ✓ Pass

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 40.7970, -0.5060, 9.1740

Background



This preview shows how black text looks on a background with the YIQ color 40.7970, -0.5060, 9.1740.



This preview shows how white text looks on a background with the YIQ color 40.7970, -0.5060,

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

40.7970, -0.5060, 9.1740

Protanopia

39.3010, -10.9130, 5.0470

Deuteranopia

39.4430, -8.4370, 4.2270



Tritanopia

39.8370, 2.0170, 1.9930

Trichromacy



Original Color

40.7970, -0.5060, 9.1740

Protanomaly

40.0950, -7.3370, 6.3190

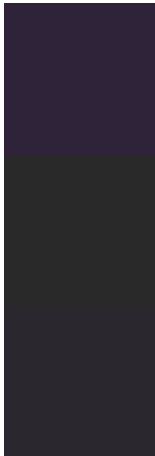
Deuteranomaly

40.0520, -5.7780, 5.5980

Tritanomaly

40.2330, 0.9620, 4.5940

Monochromacy



Original Color

40.7970, -0.5060, 9.1740

Achromatopsia

41.0000, 0.0000, -0.0000

Achromatomaly

41.1080, -0.1840, 3.3360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 40.7970, -0.5060, 9.1740 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(46, 35, 57)` looks like.

```
.text, #text, p{  
    color:rgb(46, 35, 57)  
}
```

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(46, 35, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 35, 57) }
```

Border

The CSS property to change the border of an element to YIQ 40.7970, -0.5060, 9.1740 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(46, 35, 57) }
```


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

```
.border{ border-color:rgb(46, 35, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 35, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 35, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 35, 57);  
box-shadow:4px 4px 4px 4px rgb(46, 35, 57)  
}
```

Background

The CSS property to change the background color of an element to YIQ 40.7970, -0.5060, 9.1740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 35, 57) }
```

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

```
.background{ background-color: rgb(46, 35,  
57) }
```

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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