

Converting Colors

YIQ(38.4740, -9.7220, 10.9980)

Have a look what the booklet for
YIQ(38.4740, -9.7220, 10.9980)
contains.

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Color

**YIQ(38.4740, -9.7220,
10.9980)**

Conversions

Conversions Part 1

Format	Color
Hex	242244
RGB	36, 34, 68
RGB Percent	14%, 13%, 27%
CMY	0.8588, 0.8667, 0.7334
CMYK	0.47, 0.50, 0.00, 0.73
HSL	244°, 33%, 20%
HSV	244°, 50%, 27%
XYZ	2.3427, 1.9364, 5.7165
YIQ	38.4740, -9.7220, 10.9980

Conversions

Conversions Part 2

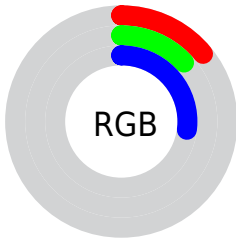
Format	Color
RYB	36, 34, 68
Decimal	2368068
CIELab	15.15, 11.24, -21.18
CIELCh	15, 23.983, 297.961
Yxy	1.9364, 0.2344, 0.1937
Android (android.graphics.Color)	4280558148 (0xFF242244)
YUV	38.4740, 14.5563, -2.1697
Hunter-Lab	13.9153, 5.6992, -14.6159

Details

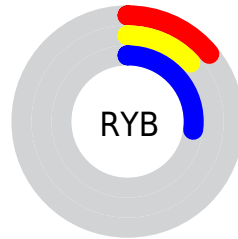
The YIQ color **38.4740, -9.7220, 10.9980** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **63.5260, 9.7220, -10.9980**, and the grayscale version is **38.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **83.8270, -9.2180, 12.8780**, and **3.4370, -8.3000, 7.2520** is the 20% darker color. If you saturate the color by 10%, you get **32.5710, -11.3730, 13.3870**, and if you desaturate by 10%, it is **44.3770, -8.0710, 8.6090**.

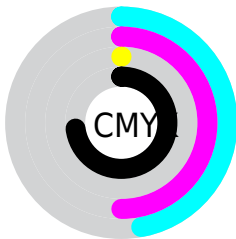
Distribution



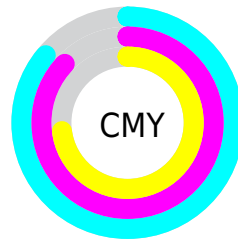
- Red (14%)
- Green (13%)
- Blue (27%)



- Red (14%)
- Yellow (13%)
- Blue (27%)



- Cyan (47%)
- Magenta (50%)
- Yellow (0%)
- Black (73%)



- Cyan (86%)
- Magenta (87%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 38.4740, -9.7220, 10.9980 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 38.4740, -9.7220, 10.9980 by changing the saturation by 10% instead.

■ 38.4740, -9.7220,
10.9980

■ 38.4740, -9.7220,
10.9980

■ 255.0000, -0.0000,
-0.0000

■ 17.3600, -9.4010,
10.6870

■ 83.8270, -9.2180,
12.8780

■ 3.4370, -8.3000,
7.2520

■ 108.3540, -9.2640,
13.7120

■ 0.0000, 0.0000,
0.0000

■ 133.5820, -9.9060,
14.3340

■ 159.9950, -9.6310,
14.8570

■ 187.1090, -9.9520,
15.1680

■ 214.6360, -9.9980,

16.0020

240.2590, -1.9270,
7.3930

38.4740, -9.7220,
10.9980

38.4740, -9.7220,
10.9980

32.5710, -11.3730,
13.3870

44.3770, -8.0710,
8.6090

26.3690, -13.6200,
15.5640

50.5790, -5.8240,
6.4320

21.0530, -15.5460,
17.4300

55.8950, -3.8980,
4.5660

14.8510, -17.7930,
19.6070

62.0970, -1.6510,
2.3890

8.9480, -19.4440,
21.9960

68.0000, -0.0000,
0.0000

■ 73.9030, 1.6510,
-2.3890

■ 80.1050, 3.8980,
-4.5660

■ 85.4210, 5.8240,
-6.4320

■ 91.6230, 8.0710,
-8.6090

Harmonies

Analogous

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



31.6880, -34.1120, 1.4720



38.4740, -9.7220, 10.9980



39.2760, 8.5710, 15.3790

Triad

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



38.4740, -9.7220, 10.9980



36.5330, 26.1800, -0.8920



31.1060, -24.2060, -12.8620

Complementary

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



38.4740, -9.7220, 10.9980



63.5260, 9.7220, -10.9980

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.



30.6740, -14.3020, -16.1420



38.4740, -9.7220, 10.9980



36.3700, 19.0290, -8.9630

Square

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



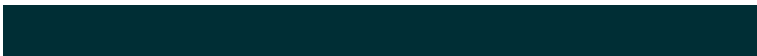
38.4740, -9.7220, 10.9980



37.0420, 26.5450, 9.0170



34.4500, 6.8800, -14.5600



33.0440, -29.6630, -7.5750

Rectangle

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



38.4740, -9.7220, 10.9980



38.1800, 17.6490, 16.0570



34.4500, 6.8800, -14.5600



30.4220, -22.2800, -14.7280

Sweetspot

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



38.4740, -9.7220, 10.9980



77.7810, -3.5770, 4.2550



56.6600, -19.7140, -6.1620



38.9120, -2.5680, 2.4880



173.0000, -0.0000, 0.0000



46.0000, 0.0000, -0.0000

Same Dimension

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



38.4740, -9.7220, 10.9980



42.9390, -15.2250, 17.1190



43.5570, 0.4100, 14.6020



30.3420, -0.9630, 0.9330



12.8520, -27.5610, 31.4390



29.4230, -64.1560, 72.4200

Inverse Universe

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



47.8140, 9.9920, 17.1600



57.5470, 15.5380, 26.7860



58.4430, -0.4100, -14.6020



31.2390, 0.8250, 1.5690



39.3770, 28.6010, 48.8650



91.0300, 65.7730, 113.1090

Previews

White Background



This preview shows how the YIQ color 38.4740, -9.7220, 10.9980 looks on a white background.

Color Contrast Check

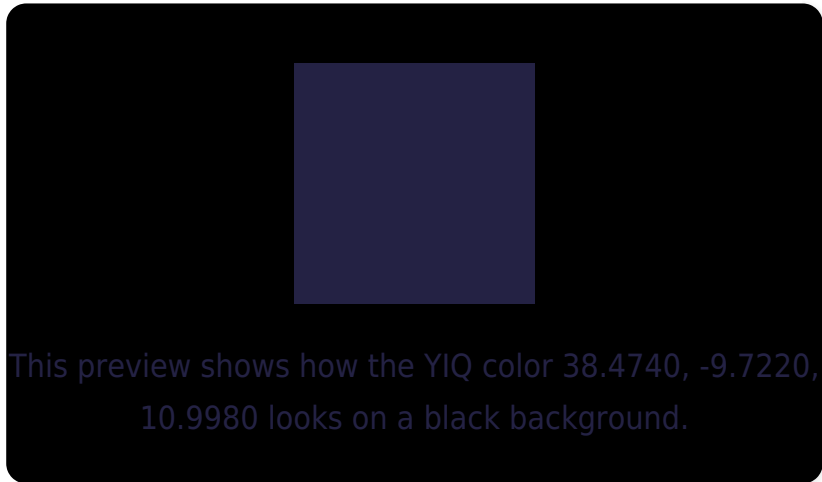
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.4740, -9.7220, 10.9980

Background



This preview shows how black text looks on a background with the YIQ color 38.4740, -9.7220, 10.9980.



This preview shows how white text looks on a background with the YIQ color 38.4740, -9.7220,

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

38.4740, -9.7220, 10.9980

Protanopia

35.7930, -21.0460, 6.9700

Deuteranopia

34.7170, -23.8880, 3.4080



Tritanopia

37.0530, -7.5190, -1.3990

Trichromacy



Original Color

38.4740, -9.7220, 10.9980

Protanomaly

36.8860, -16.8740, 8.4540

Deuteranomaly

35.9350, -18.5700, 6.1500

Tritanomaly

37.8020, -8.0700, 3.0820

Monochromacy



Original Color

38.4740, -9.7220, 10.9980

Achromatopsia

38.0000, -0.0000, -0.0000

Achromatomaly

38.3680, -3.8520, 3.7320

CSS Examples

Text

The CSS property to change the color of the text to YIQ 38.4740, -9.7220, 10.9980 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(36, 34, 68)` looks like.

```
.text, #text, p{  
    color:rgb(36, 34, 68)  
}
```

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(36, 34, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 34, 68) }
```

Border

The CSS property to change the border of an element to YIQ 38.4740, -9.7220, 10.9980 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(36, 34, 68) }
```


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

```
.border{ border-color:rgb(36, 34, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 34, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 34, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 34, 68);  
box-shadow:4px 4px 4px 4px rgb(36, 34, 68)  
}
```

Background

The CSS property to change the background color of an element to YIQ 38.4740, -9.7220, 10.9980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 34, 68) }
```

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

```
.background{ background-color: rgb(36, 34,  
68) }
```

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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