

Converting Colors

YIQ(74.1610, -24.8980, 10.7020)

Have a look what the booklet for
YIQ(74.1610, -24.8980, 10.7020)
contains.

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Color

**YIQ(74.1610, -24.8980,
10.7020)**

Conversions

Conversions Part 1

Format	Color
Hex	394A78
RGB	57, 74, 120
RGB Percent	22%, 29%, 47%
CMY	0.7765, 0.7098, 0.5295
CMYK	0.52, 0.38, 0.00, 0.53
HSL	224°, 36%, 35%
HSV	224°, 52%, 47%
XYZ	7.5245, 7.1235, 18.7368
YIQ	74.1610, -24.8980, 10.7020

Conversions

Conversions Part 2

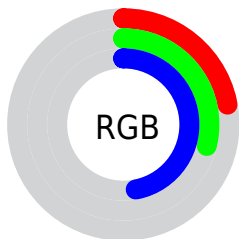
Format	Color
RYB	57, 70, 120
Decimal	3754616
CIELab	32.09, 7.42, -28.34
CIELCh	32, 29.292, 284.680
Yxy	7.1235, 0.2254, 0.2134
Android (android.graphics.Color)	4281944696 (0xFF394A78)
YUV	74.1610, 22.5986, -15.0502
Hunter-Lab	26.6899, 3.6159, -22.9396

Details

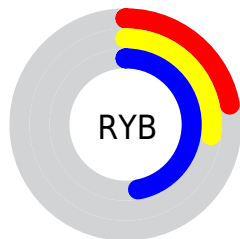
The YIQ color **74.1610, -24.8980, 10.7020** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **102.8390, 24.8980, -10.7020**, and the grayscale version is **74.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **123.6280, -24.7150, 12.8930**, and **26.2910, -31.3160, 5.8680** is the 20% darker color. If you saturate the color by 10%, you get **65.2900, -29.5750, 12.8650**, and if you desaturate by 10%, it is **83.0320, -20.2210, 8.5390**.

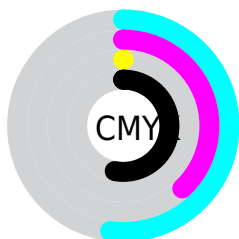
Distribution



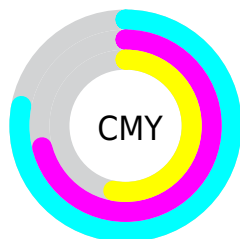
- Red (22%)
- Green (29%)
- Blue (47%)



- Red (22%)
- Yellow (27%)
- Blue (47%)



- Cyan (52%)
- Magenta (38%)
- Yellow (0%)
- Black (53%)



- Cyan (78%)
- Magenta (71%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 74.1610, -24.8980, 10.7020 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 74.1610, -24.8980, 10.7020 by changing the saturation by 10% instead.

■ 74.1610, -24.8980,
10.7020

■ 74.1610, -24.8980,
10.7020

■ 255.0000, -0.0000,
-0.0000

■ 50.6230, -26.3190,
8.9210

■ 123.6280,
-24.7150, 12.8930

■ 26.2910, -31.3160,
5.8680

■ 150.0410,
-24.4400, 13.4160

■ 8.4070, -16.7830,
12.3130

■ 177.1550,
-24.7610, 13.7270

■ 3.6650, -8.9420,
7.8740

■ 204.1550,
-24.7610, 13.7270

■ 0.0000, 0.0000,
0.0000

■ 229.2620,
-15.1770, 5.2310

■ 252.3090, -5.3640,

-1.9080

■ 74.1610, -24.8980,
10.7020

■ 74.1610, -24.8980,
10.7020

■ 65.2900, -29.5750,
12.8650

■ 83.0320, -20.2210,
8.5390

■ 56.4190, -34.2520,
15.0280

■ 91.9030, -15.5440,
6.3760

■ 48.1350, -39.2040,
16.6680

■ 100.1870,
-10.5920, 4.7360

■ 39.2640, -43.8810,
18.8310

■ 109.0580, -5.9150,
2.5730

■ 32.4640, -47.3200,
20.5840

■ 117.9290, -1.2380,
0.4100

■ 126.8000, 3.4390,
-1.7530

■ 135.0840, 8.3910,
-3.3930

■ 143.9550, 13.0680,
-5.5560

■ 152.8260, 17.7450,
-7.7190

Harmonies

Analogous

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



61.2270, -60.7950, -5.0430



74.1610, -24.8980, 10.7020



77.9750, 2.2890, 19.0970

Triad

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



74.1610, -24.8980, 10.7020



75.1970, 36.1740, 5.2140



60.6540, -37.9130, -23.2650

Complementary

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



74.1610, -24.8980, 10.7020



102.8390, 24.8980, -10.7020

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.



68.9430, -4.9940, -19.6340



74.1610, -24.8980, 10.7020



74.1110, 30.1240, -6.2920

Square

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



74.1610, -24.8980, 10.7020



75.8630, 34.6590, 16.1550



72.4140, 15.7290, -15.2390



60.8730, -51.5310, -18.7550

Rectangle

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



74.1610, -24.8980, 10.7020



77.5700, 16.7310, 21.6830



72.4140, 15.7290, -15.2390



65.4230, -24.0210, -21.7250

Sweetspot

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



74.1610, -24.8980, 10.7020



137.3720, -9.6750, 4.6370



99.1110, -31.7700, -18.9540



68.0580, -5.9150, 2.5730



207.0000, 0.0000, -0.0000



79.0000, -0.0000, 0.0000

Same Dimension

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



74.1610, -24.8980, 10.7020



84.4340, -38.6080, 16.8800



68.3680, -11.8790, 22.5610



56.8580, -2.4760, 0.8200



34.2080, -49.4750, 21.0930



68.6440, -99.5920, 42.8080

Inverse Universe

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



77.7750, 32.0910, 18.6430



90.2660, 50.0620, 28.8620



108.6320, 11.8790, -22.5610



57.0220, 2.9340, 1.8940



41.2510, 63.5860, 37.0740



83.1000, 128.3640, 74.5720

Previews

White Background



This preview shows how the YIQ color 74.1610, -24.8980, 10.7020 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 74.1610, -24.8980, 10.7020 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 74.1610, -24.8980, 10.7020

Background



This preview shows how black text looks on a background with the YIQ color 74.1610, -24.8980, 10.7020.



This preview shows how white text looks on a background with the YIQ color 74.1610, -24.8980,

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

74.1610, -24.8980, 10.7020

Protanopia

74.4600, -24.3020, 10.9140

Deuteranopia

72.6550, -29.3450, 8.6950



Tritanopia

71.2190, -22.7860, -5.5540

Trichromacy



Original Color

74.1610, -24.8980, 10.7020

Protanomaly

74.4600, -24.3020, 10.9140

Deuteranomaly

73.5520, -27.5570, 9.3310

Tritanomaly

72.0220, -23.4290, 0.5950

Monochromacy



Original Color

74.1610, -24.8980, 10.7020

Achromatopsia

74.0000, -0.0000, 0.0000

Achromatomaly

74.1440, -9.0330, 4.0150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 74.1610, -24.8980, 10.7020 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(57, 74, 120)` looks like.

```
.text, #text, p{  
    color:rgb(57, 74, 120)  
}
```

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(57, 74, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 74, 120) }
```

Border

The CSS property to change the border of an element to YIQ 74.1610, -24.8980, 10.7020 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(57, 74, 120) }
```


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

```
.border{ border-color:rgb(57, 74, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 74, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 74, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 74, 120);  
box-shadow:4px 4px 4px 4px rgb(57, 74,  
120) }
```

Background

The CSS property to change the background color of an element to YIQ 74.1610, -24.8980, 10.7020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 74, 120) }
```

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

```
.background{ background-color: rgb(57, 74,  
120) }
```

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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