

Converting Colors

YIQ(74.0470, -24.5770, 10.3910)

Have a look what the booklet for
YIQ(74.0470, -24.5770, 10.3910)
contains.

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Color

**YIQ(74.0470, -24.5770,
10.3910)**

Conversions

Conversions Part 1

Format	Color
Hex	394A77
RGB	57, 74, 119
RGB Percent	22%, 29%, 47%
CMY	0.7765, 0.7098, 0.5335
CMYK	0.52, 0.38, 0.00, 0.53
HSL	224°, 35%, 35%
HSV	224°, 52%, 47%
XYZ	7.4642, 7.0994, 18.4190
YIQ	74.0470, -24.5770, 10.3910

Conversions

Conversions Part 2

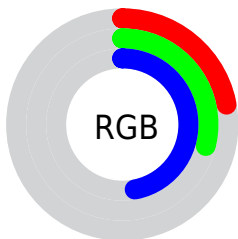
Format	Color
RYB	57, 70, 119
Decimal	3754615
CIELab	32.03, 7.08, -27.80
CIElCh	32, 28.685, 284.293
Yxy	7.0994, 0.2263, 0.2152
Android (android.graphics.Color)	4281944695 (0xFF394A77)
YUV	74.0470, 22.1618, -14.9502
Hunter-Lab	26.6447, 3.3763, -22.3350

Details

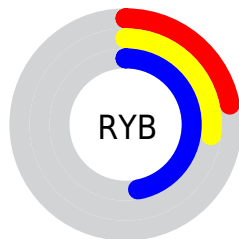
The YIQ color **74.0470, -24.5770, 10.3910** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **101.9530, 24.5770, -10.3910**, and the grayscale version is **74.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **123.5140, -24.3940, 12.5820**, and **26.1770, -30.9950, 5.5570** is the 20% darker color. If you saturate the color by 10%, you get **65.1760, -29.2540, 12.5540**, and if you desaturate by 10%, it is **82.9180, -19.9000, 8.2280**.

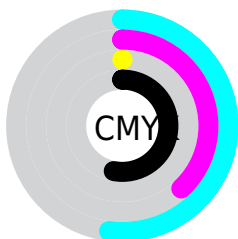
Distribution



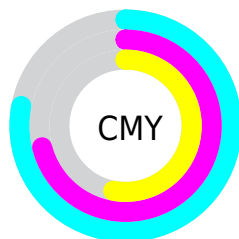
- Red (22%)
- Green (29%)
- Blue (47%)



- 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 74.0470, -24.5770, 10.3910 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 74.0470, -24.5770, 10.3910 by changing the saturation by 10% instead.

■ 74.0470, -24.5770,
10.3910

■ 74.0470, -24.5770,
10.3910

■ 255.0000, -0.0000,
-0.0000

■ 50.5090, -25.9980,
8.6100

■ 123.4000,
-24.0730, 12.2710

■ 26.1770, -30.9950,
5.5570

■ 149.6280,
-24.7150, 12.8930

■ 8.4070, -16.7830,
12.3130

■ 176.7420,
-25.0360, 13.2040

■ 3.5510, -8.6210,
7.5630

■ 204.1550,
-24.7610, 13.7270

■ 0.0000, 0.0000,
0.0000

■ 228.9630,
-15.7730, 5.0190

■ 252.3090, -5.3640,

-1.9080

■ 74.0470, -24.5770,
10.3910

■ 74.0470, -24.5770,
10.3910

■ 65.1760, -29.2540,
12.5540

■ 82.9180, -19.9000,
8.2280

■ 56.8920, -34.2060,
14.1940

■ 91.2020, -14.9480,
6.5880

■ 48.0210, -38.8830,
16.3570

■ 100.0730,
-10.2710, 4.4250

■ 39.1500, -43.5600,
18.5200

■ 108.9440, -5.5940,
2.2620

■ 32.9370, -47.2740,
19.7500

■ 116.9290, -1.2380,
0.4100

■ 125.8000, 3.4390,
-1.7530

■ 134.0840, 8.3910,
-3.3930

■ 142.9550, 13.0680,
-5.5560

■ 151.8260, 17.7450,
-7.7190

Harmonies

Analogous

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



60.9990, -60.1530, -5.6650



74.0470, -24.5770, 10.3910



77.6760, 1.6930, 18.8850

Triad

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



74.0470, -24.5770, 10.3910



75.3110, 35.8530, 5.5250



61.7360, -35.2080, -22.7280

Complementary

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



74.0470, -24.5770, 10.3910



101.9530, 24.5770, -10.3910

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.



69.3560, -4.7190, -19.1110



74.0470, -24.5770, 10.3910



74.2250, 29.8030, -5.9810

Square

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



74.0470, -24.5770, 10.3910



75.5640, 34.0630, 15.9430



72.5280, 15.4080, -14.9280



60.8730, -51.5310, -18.7550

Rectangle

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



74.0470, -24.5770, 10.3910



77.7440, 16.1810, 20.6370



72.5280, 15.4080, -14.9280



65.4340, -22.5540, -20.7780

Sweetspot

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



74.0470, -24.5770, 10.3910



137.3720, -9.6750, 4.6370



98.4100, -31.1740, -18.7420



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.



74.0470, -24.5770, 10.3910



84.4340, -38.6080, 16.8800



67.9550, -12.1540, 22.0380



54.2710, -2.2010, 1.3430



33.8660, -48.5120, 20.1600



69.0030, -99.2250, 41.6630

Inverse Universe

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



77.4760, 31.4950, 18.4310



90.2660, 50.0620, 28.8620



108.0450, 12.1540, -22.0380



54.9080, 3.2550, 1.5830



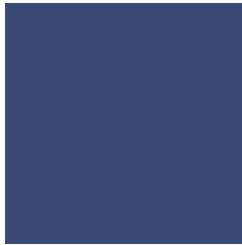
40.3540, 61.7980, 36.4380



82.6160, 126.8510, 74.4590

Previews

White Background



This preview shows how the YIQ color 74.0470, -24.5770, 10.3910 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 74.0470, -24.5770, 10.3910 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 74.0470, -24.5770, 10.3910

Background



This preview shows how black text looks on a background with the YIQ color 74.0470, -24.5770, 10.3910.



This preview shows how white text looks on a background with the YIQ color 74.0470, -24.5770,

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

74.0470, -24.5770, 10.3910

Protanopia

74.3460, -23.9810, 10.6030

Deuteranopia

72.8400, -28.4280, 8.5960



Tritanopia

71.2190, -22.7860, -5.5540

Trichromacy



Original Color

74.0470, -24.5770, 10.3910

Protanomaly

74.3460, -23.9810, 10.6030

Deuteranomaly

73.4380, -27.2360, 9.0200

Tritanomaly

72.0220, -23.4290, 0.5950

Monochromacy



Original Color

74.0470, -24.5770, 10.3910

Achromatopsia

74.0000, -0.0000, 0.0000

Achromatomaly

74.0300, -8.7120, 3.7040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 74.0470, -24.5770, 10.3910 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, 119)` looks like.

```
.text, #text, p{  
    color:rgb(57, 74, 119)  
}
```

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, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 74, 119) }
```

Border

The CSS property to change the border of an element to YIQ 74.0470, -24.5770, 10.3910 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, 119) }
```


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

```
.border{ border-color:rgb(57, 74, 119) }
```

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, 119) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 74, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 74, 119);  
box-shadow:4px 4px 4px 4px rgb(57, 74,  
119) }
```

Background

The CSS property to change the background color of an element to YIQ 74.0470, -24.5770, 10.3910 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, 119) }
```

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

```
.background{ background-color: rgb(57, 74,  
119) }
```

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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