

Converting Colors

YIQ(70.7470, -24.5730,
-11.7170)

Have a look what the booklet for
YIQ(70.7470, -24.5730, -11.7170)
contains.

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Color

**YIQ(70.7470, -24.5730,
-11.7170)**

Conversions

Conversions Part 1

Format	Color
Hex	28554E
RGB	40, 85, 78
RGB Percent	16%, 33%, 31%
CMY	0.8432, 0.6666, 0.6942
CMYK	0.53, 0.00, 0.08, 0.67
HSL	171°, 36%, 25%
HSV	171°, 53%, 33%
XYZ	5.4983, 7.5002, 8.3612
YIQ	70.7470, -24.5730, -11.7170

Conversions

Conversions Part 2

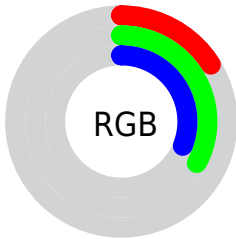
Format	Color
RYB	40, 64, 85
Decimal	2643278
CIELab	32.92, -17.49, -0.67
CIELCh	33, 17.499, 182.178
Yxy	7.5002, 0.2574, 0.3511
Android (android.graphics.Color)	4280833358 (0xFF28554E)
YUV	70.7470, 3.5757, -26.9651
Hunter-Lab	27.3866, -12.0900, 1.0692

Details

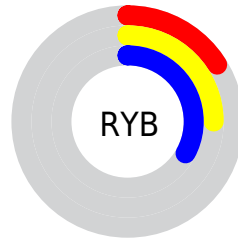
The YIQ color **70.7470, -24.5730, -11.7170** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **54.2530, 24.5730, 11.7170**, and the grayscale version is **71.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **120.3340, -24.8480, -12.2400**, and **26.7690, -21.6390, -9.8230** is the 20% darker color. If you saturate the color by 10%, you get **67.9420, -29.6160, -13.9360**, and if you desaturate by 10%, it is **73.2530, -20.1260, -9.7100**.

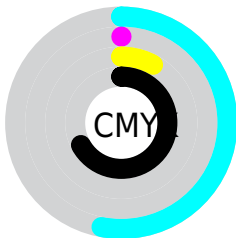
Distribution



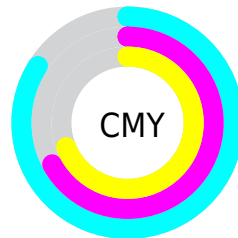
- Red (16%)
- Green (33%)
- Blue (31%)



- Red (16%)
- Yellow (25%)
- Blue (33%)



- Cyan (53%)
- Magenta (0%)
- Yellow (8%)
- Black (67%)



- Cyan (84%)
- Magenta (67%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 70.7470, -24.5730, -11.7170 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 70.7470, -24.5730, -11.7170 by changing the saturation by 10% instead.

70.7470, -24.5730,
-11.7170

70.7470, -24.5730,
-11.7170

255.0000, -0.0000,
-0.0000

46.8500, -26.3610,
-12.3530

120.3340,
-24.8480, -12.2400

26.7690, -21.6390,
-9.8230

146.3340,
-24.8480, -12.2400

11.9340, -8.8020,
-5.6820

173.0350,
-25.4440, -12.4520

0.0000, 0.0000,
0.0000

200.6220,
-25.7190, -12.9750

228.9100,
-26.5900, -13.7100

245.7310,

-18.4760, -6.5720

254.4020, -1.1920,
-0.4240

■ 70.7470, -24.5730,
-11.7170

■ 70.7470, -24.5730,
-11.7170

■ 67.9420, -29.6160,
-13.9360

■ 73.2530, -20.1260,
-9.7100

■ 65.3220, -33.7420,
-16.2540

■ 76.1720, -15.4040,
-7.1800

■ 62.5170, -38.7850,
-18.4730

■ 78.6780, -10.9570,
-5.1730

■ 60.0110, -43.2320,
-20.4800

■ 81.4830, -5.9140,
-2.9540

■ 58.1030, -46.4870,
-22.0630

■ 84.1030, -1.7880,
-0.6360

■ 86.9080, 3.2550,
1.5830

■ 89.4140, 7.7020,
3.5900

■ 92.3330, 12.4240,
6.1200

■ 94.8390, 16.8710,
8.1270

Harmonies

Analogous

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



73.0490, -10.8640, -12.3680



70.7470, -24.5730, -11.7170



69.9510, -33.8350, -9.0590

Triad

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



70.7470, -24.5730, -11.7170



79.1710, -4.4950, 9.8810



77.6080, 21.5950, -0.3970

Complementary

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



70.7470, -24.5730, -11.7170



54.2530, 24.5730, 11.7170

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.



78.1940, 23.0610, 6.0770



70.7470, -24.5730, -11.7170



79.5810, 9.0300, 12.5660

Square

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



70.7470, -24.5730, -11.7170



75.9950, -18.7990, 4.7930



79.2030, 18.8420, 10.9540



76.6130, 14.0310, -6.4890

Rectangle

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



70.7470, -24.5730, -11.7170



70.7710, -33.1480, -4.9880



79.2030, 18.8420, 10.9540



78.2600, 22.6950, 1.6950

Sweetspot

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



70.7470, -24.5730, -11.7170



104.2760, -9.7650, -4.7490



68.5080, -8.2030, -22.0510



52.4830, -5.9140, -2.9540



184.0000, 0.0000, -0.0000



56.0000, -0.0000, 0.0000

Same Dimension

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



70.7470, -24.5730, -11.7170



87.5170, -38.7850, -18.4730



62.7400, -22.6950, -1.6950



41.8040, -2.3840, -0.8480



73.0690, -58.3150, -27.9710



160.5170, -128.1830, -61.3270

Inverse Universe

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



54.2530, 24.5730, 11.7170



61.4830, 38.7850, 18.4730



62.2600, 22.6950, 1.6950



40.3100, 2.0630, 1.1590



33.9310, 58.3150, 27.9710



74.4830, 128.1830, 61.3270

Previews

White Background



This preview shows how the YIQ color 70.7470, -24.5730, -11.7170 looks on a white background.

Color Contrast Check

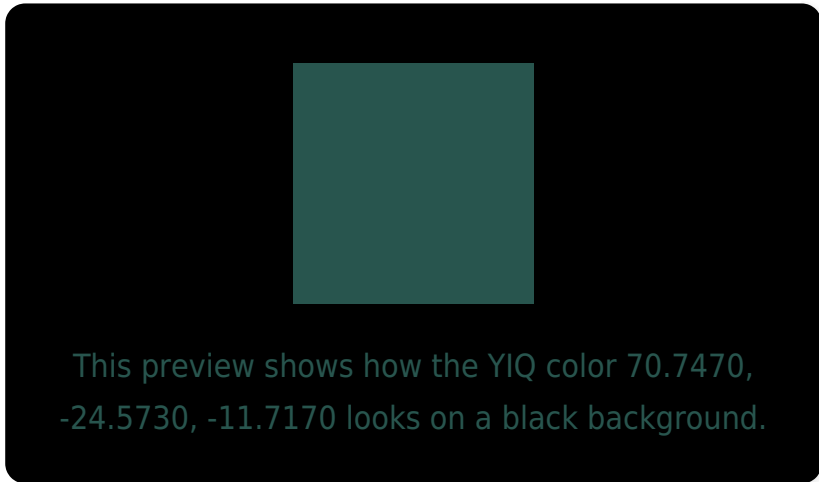
Large Text (above 18pt) WCAG AA ✓ Pass

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

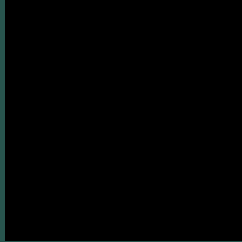
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 70.7470, -24.5730, -11.7170

Background



This preview shows how black text looks on a background with the YIQ color 70.7470, -24.5730, -11.7170.



This preview shows how white text looks on a background with the YIQ color 70.7470, -24.5730,

-11.7170.

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

70.7470, -24.5730, -11.7170

Protanopia

77.1420, 2.4760, -0.8200

Deuteranopia

77.9620, 3.1630, 3.2510



Tritanopia

72.1370, -25.4910, -6.0910

Trichromacy



Original Color

70.7470, -24.5730, -11.7170

Protanomaly

74.9450, -7.3350, -4.7350

Deuteranomaly

75.4120, -7.1520, -2.5440

Tritanomaly

71.9690, -25.0780, -8.0700

Monochromacy



Original Color

70.7470, -24.5730, -11.7170

Achromatopsia

71.0000, -0.0000, -0.0000

Achromatomaly

70.9880, -8.8940, -4.0140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 70.7470, -24.5730, -11.7170 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(40, 85, 78)` looks like.

```
.text, #text, p{  
    color:rgb(40, 85, 78)  
}
```

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(40, 85, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 85, 78) }
```

Border

The CSS property to change the border of an element to YIQ 70.7470, -24.5730, -11.7170 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(40, 85, 78) }
```


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

```
.border{ border-color:rgb(40, 85, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 85, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 85, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 85, 78);  
box-shadow:4px 4px 4px 4px rgb(40, 85, 78)  
}
```

Background

The CSS property to change the background color of an element to YIQ 70.7470, -24.5730, -11.7170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 85, 78) }
```

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

```
.background{ background-color: rgb(40, 85,  
78) }
```

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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