

Converting Colors

YIQ(140.3730, -36.6380,
25.2340)

Have a look what the booklet for
YIQ(140.3730, -36.6380, 25.2340)
contains.

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Color

**YIQ(140.3730, -36.6380,
25.2340)**

Conversions

Conversions Part 1

Format	Color
Hex	7986E0
RGB	121, 134, 224
RGB Percent	47%, 53%, 88%
CMY	0.5254, 0.4745, 0.1218
CMYK	0.46, 0.40, 0.00, 0.12
HSL	232°, 62%, 68%
HSV	232°, 46%, 88%
XYZ	29.8590, 26.4960, 74.0225
YIQ	140.3730, -36.6380, 25.2340

Conversions

Conversions Part 2

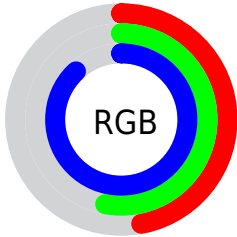
Format	Color
R _Y B	121, 133, 224
Decimal	7964384
CIE Lab	58.50, 18.76, -47.40
CIE LCh	59, 50.978, 291.588
Yxy	26.4960, 0.2290, 0.2032
Android (android.graphics.Color)	4286154464 (0xFF7986E0)
YUV	140.3730, 41.2281, -16.9901
Hunter-Lab	51.4743, 13.4637, -49.2299

Details

The YIQ color $140.3730, -36.6380, 25.2340$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $204.6270, 36.6380, -25.2340$, and the grayscale version is $140.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $192.0610, -27.1920, 19.2400$, and $88.1830, -39.1590, 21.3610$ is the 20% darker color. If you saturate the color by 10%, you get $122.0550, -44.2500, 31.0300$, and if you desaturate by 10%, it is $158.6910, -29.0260, 19.4380$.

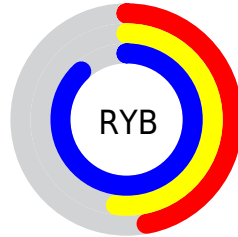
Distribution



Red (47%)

Green (53%)

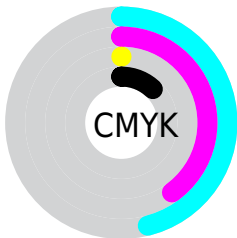
Blue (88%)



Red (47%)

Yellow (52%)

Blue (88%)

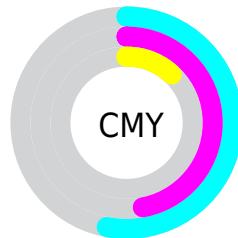


Cyan (46%)

Magenta (40%)

Yellow (0%)

Black (12%)



Cyan (53%)

Magenta (47%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 140.3730, -36.6380, 25.2340 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 140.3730, -36.6380, 25.2340 by changing the saturation by 10% instead.

■ 140.3730,
-36.6380, 25.2340

■ 140.3730,
-36.6380, 25.2340

■ 255.0000, -0.0000,
-0.0000

■ 114.1340,
-37.4630, 23.6650

■ 192.0610,
-27.1920, 19.2400

■ 88.1830, -39.1590,
21.3610

■ 217.1680,
-17.6080, 10.7440

■ 61.7370, -43.8350,
17.9970

■ 242.2750, -8.0240,
2.2480

■ 36.5900, -47.9150,
14.8450

■ 22.5870, -34.6650,
17.0070

■ 7.5240, -21.1860,
20.5260

■ 6.6630, -14.6280,

11.8040

■ 2.9810, -7.0160,
6.0080

■ 0.0000, 0.0000,
0.0000

■ 140.3730,
-36.6380, 25.2340

■ 140.3730,
-36.6380, 25.2340

■ 122.0550,
-44.2500, 31.0300

■ 158.6910,
-29.0260, 19.4380

■ 104.0250,
-52.7330, 36.0910

■ 176.7210,
-20.5430, 14.3770

■ 85.7070, -60.3450,
41.8870

■ 195.0390,
-12.9310, 8.5810

■ 67.6770, -68.8280,
46.9480

■ 213.0690, -4.4480,
3.5200

■ 49.3590, -76.4400,
52.7440

■ 231.3870, 3.1640,
-2.2760

■ 41.9720, -79.6040,
55.0200

■ 249.1180, 11.0510,
-7.5490

■ 251.4660, 9.9510,
-9.6410

Harmonies

Analogous

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



113.5690, -114.4840, -6.7080



140.3730, -36.6380, 25.2340



145.2670, 13.9310, 39.3950

Triad

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



140.3730, -36.6380, 25.2340



139.0790, 68.6810, 5.2970



109.4580, -84.9960, -45.5400

Complementary

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



140.3730, -36.6380, 25.2340



204.6270, 36.6380, -25.2340

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.



125.2420, -22.7340, -39.5500



140.3730, -36.6380, 25.2340



136.7540, 52.6380, -17.8420

Square

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



140.3730, -36.6380, 25.2340



139.6780, 69.2730, 27.6170



132.8700, 22.4720, -32.8240



115.2890, -100.0370, -31.7570

Rectangle

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



140.3730, -36.6380, 25.2340



143.2070, 40.5230, 42.0510



132.8700, 22.4720, -32.8240



107.1610, -79.9060, -49.6820

Sweetspot

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



140.3730, -36.6380, 25.2340



226.0390, -12.9310, 8.5810



191.6070, -56.8940, -26.1900



110.2690, -7.8870, 5.2730



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



140.3730, -36.6380, 25.2340



140.9390, -49.6150, 34.6490



144.1040, -10.4150, 40.0890



102.8410, -3.8060, 2.8980



32.9780, -62.5460, 43.2300



8.9940, -17.0580, 11.7900

Inverse Universe

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



153.2790, 57.2150, 25.8790



158.7980, 77.9830, 34.9670



200.8960, 10.4150, -40.0890



104.4030, 6.2350, 2.6430



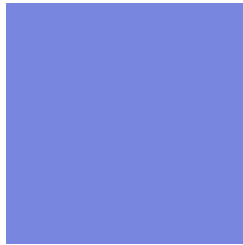
55.1320, 97.8340, 44.1540



15.0360, 26.6820, 12.0420

Previews

White Background



This preview shows how the YIQ color 140.3730, -36.6380, 25.2340 looks on a white background.

Color Contrast Check

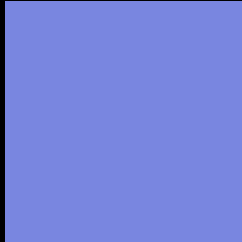
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 140.3730, -36.6380, 25.2340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

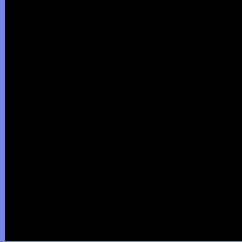
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 140.3730, -36.6380, 25.2340

Background



This preview shows how black text looks on a background with the YIQ color 140.3730, -36.6380, 25.2340.



This preview shows how white text looks on a background with the YIQ color 140.3730, -36.6380, 25.2340.

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

140.3730, -36.6380, 25.2340

Protanopia

137.6920, -47.9620, 21.2060

Deuteranopia

136.4800, -53.4170, 15.4390



Tritanopia

135.9130, -30.6720, -5.8080

Trichromacy



Original Color

140.3730, -36.6380, 25.2340

Protanomaly

138.7850, -43.7900, 22.6900

Deuteranomaly

137.5240, -47.5490, 19.2270

Tritanomaly

137.6930, -32.5080, 5.4440

Monochromacy



Original Color

140.3730, -36.6380, 25.2340

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

140.2670, -13.5730, 9.2030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 140.3730, -36.6380, 25.2340 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(121, 134, 224)` looks like.

```
.text, #text, p{  
    color:rgb(121, 134, 224)  
}
```

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(121, 134, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 134, 224) }
```

Border

The CSS property to change the border of an element to YIQ 140.3730, -36.6380, 25.2340 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(121, 134, 224) }
```


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

```
.border{ border-color:rgb(121, 134, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 134, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 134, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 134, 224);  
box-shadow:4px 4px 4px 4px rgb(121, 134,  
224) }
```

Background

The CSS property to change the background color of an element to YIQ 140.3730, -36.6380, 25.2340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 134, 224) }
```

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

```
.background{ background-color: rgb(121,  
134, 224) }
```

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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