

Converting Colors

YIQ(74.0790, -52.8250, 37.7590)

Have a look what the booklet for
YIQ(74.0790, -52.8250, 37.7590)
contains.

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Color

**YIQ(74.0790, -52.8250,
37.7590)**

Conversions

Conversions Part 1

Format	Color
Hex	2F40C5
RGB	47, 64, 197
RGB Percent	18%, 25%, 77%
CMY	0.8156, 0.7490, 0.2278
CMYK	0.76, 0.67, 0.00, 0.23
HSL	233°, 61%, 48%
HSV	233°, 76%, 77%
XYZ	13.0755, 8.2998, 53.6883
YIQ	74.0790, -52.8250, 37.7590

Conversions

Conversions Part 2

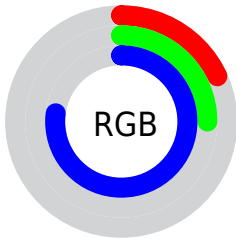
Format	Color
R _Y B	47, 62, 197
Decimal	3096773
CIE Lab	34.60, 40.01, -70.76
CIE LCh	35, 81.292, 299.485
Yxy	8.2998, 0.1742, 0.1106
Android (android.graphics.Color)	4281286853 (0xFF2F40C5)
YUV	74.0790, 60.6001, -23.7483
Hunter-Lab	28.8094, 30.5982, -90.3246

Details

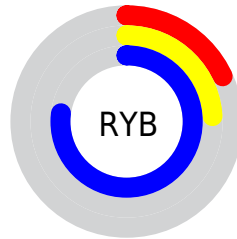
The YIQ color **74.0790, -52.8250, 37.7590** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **169.9210, 52.8250, -37.7590**, and the grayscale version is **74.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **129.4980, -43.5190, 45.3210**, and **28.5150, -51.3570, 33.1790** is the 20% darker color. If you saturate the color by 10%, you get **58.1200, -60.0700, 42.4100**, and if you desaturate by 10%, it is **90.0380, -45.5800, 33.1080**.

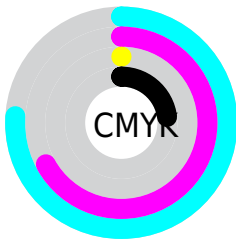
Distribution



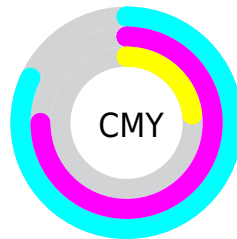
- Red (18%)
- Green (25%)
- Blue (77%)



- Red (18%)
- Yellow (24%)
- Blue (77%)



- Cyan (76%)
- Magenta (67%)
- Yellow (0%)
- Black (23%)



- Cyan (82%)
- Magenta (75%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 74.0790, -52.8250, 37.7590 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 74.0790, -52.8250, 37.7590 by changing the saturation by 10% instead.

■ 74.0790, -52.8250,
37.7590

■ 74.0790, -52.8250,
37.7590

■ 255.0000, -0.0000,
-0.0000

■ 43.9200, -65.7990,
30.5930

■ 129.4980,
-43.5190, 45.3210

■ 28.5150, -51.3570,
33.1790

■ 154.0290,
-32.1930, 38.2950

■ 14.2840, -37.4650,
34.7190

■ 178.2610,
-21.4630, 31.0570

■ 10.2600, -28.8900,
27.9900

■ 203.0800,
-11.0080, 23.2960

■ 11.5190, -22.7900,
16.5540

■ 228.7850, -0.2320,
15.2240

■ 6.5490, -14.3070,
11.4930

■ 250.8910, 1.9250,

■ 2.8670, -6.6950,

3.6610

5.6970

■ 0.0000, 0.0000,
0.0000

■ 74.0790, -52.8250,
37.7590

■ 74.0790, -52.8250,
37.7590

■ 58.1200, -60.0700,
42.4100

■ 90.0380, -45.5800,
33.1080

■ 41.8730, -66.4440,
47.7960

■ 106.2850,
-39.2060, 27.7220

■ 35.3720, -69.2870,
49.7610

■ 122.2440,
-31.9610, 23.0710

■ 138.7900,
-24.9910, 17.8970

■ 154.4500,
-18.3420, 13.0340

■ 170.9960,
-11.3720, 7.8600

■ 186.9550, -4.1270,
3.2090

■ 203.5010, 2.8430,
-1.9650

■ 219.1610, 9.4920,
-6.8280

Harmonies

Analogous

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



78.5140, -94.3150, 18.7490



74.0790, -52.8250, 37.7590



62.7330, 43.3590, 78.7750

Triad

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



74.0790, -52.8250, 37.7590



71.5530, 76.1540, 7.5300



70.6410, -54.2340, -30.3460

Complementary

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



74.0790, -52.8250, 37.7590



169.9210, 52.8250, -37.7590

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.



59.8740, -28.0500, -53.3460



74.0790, -52.8250, 37.7590



76.5720, 38.4710, -19.9050

Square

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



74.0790, -52.8250, 37.7590



56.4420, 99.8970, 45.3130



64.1370, -9.4370, -43.7490



78.6380, -75.3740, -10.6540

Rectangle

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



74.0790, -52.8250, 37.7590



65.7190, 72.3370, 71.2250



64.1370, -9.4370, -43.7490



67.3180, -46.2550, -37.2870

Sweetspot

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



74.0790, -52.8250, 37.7590



206.8350, -20.8640, 14.6880



150.0980, -83.6220, -37.3980



98.4520, -12.6560, 9.1040



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.



74.0790, -52.8250, 37.7590



64.7100, -81.6220, 58.5540



81.1430, -14.1780, 58.7340



91.6130, -3.1640, 2.2760



29.1480, -57.2730, 41.2790



6.4520, -12.6560, 9.1040

Inverse Universe

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



93.7880, 83.9430, 37.0870



95.3320, 129.9260, 57.2700



162.5580, 13.5820, -58.9460



92.8050, 5.0430, 2.2190



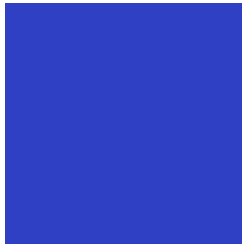
50.7890, 91.3700, 40.1540



11.2200, 20.1720, 8.8760

Previews

White Background



This preview shows how the YIQ color 74.0790, -52.8250, 37.7590 looks on a white background.

Color Contrast Check

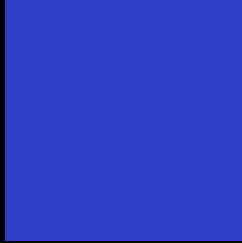
Large Text (above 18pt) WCAG AA ✓ Pass

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 74.0790, -52.8250, 37.7590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

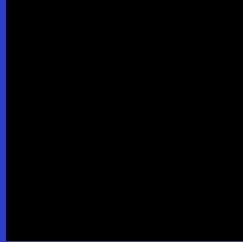
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 74.0790, -52.8250, 37.7590

Background



This preview shows how black text looks on a background with the YIQ color 74.0790, -52.8250, 37.7590.



This preview shows how white text looks on a background with the YIQ color 74.0790, -52.8250,

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

74.0790, -52.8250, 37.7590

Protanopia

64.5960, -74.4150, 10.5210

Deuteranopia

64.7950, -68.0860, 0.4420



Tritanopia

63.6600, -55.2450, -17.5250

Trichromacy



Original Color

74.0790, -52.8250, 37.7590

Protanomaly

68.1120, -66.7600, 20.4720

Deuteranomaly

68.0490, -62.4490, 13.9270

Tritanomaly

67.6780, -54.5150, 2.2930

Monochromacy



Original Color

74.0790, -52.8250, 37.7590

Achromatopsia

74.0000, -0.0000, 0.0000

Achromatomaly

73.7920, -19.3050, 13.9670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 74.0790, -52.8250, 37.7590 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(47, 64, 197)` looks like.

```
.text, #text, p{  
    color:rgb(47, 64, 197)  
}
```

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(47, 64, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 64, 197) }
```

Border

The CSS property to change the border of an element to YIQ 74.0790, -52.8250, 37.7590 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(47, 64, 197) }
```


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

```
.border{ border-color:rgb(47, 64, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 64, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 64, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 64, 197);  
box-shadow:4px 4px 4px 4px rgb(47, 64,  
197) }
```

Background

The CSS property to change the background color of an element to YIQ 74.0790, -52.8250, 37.7590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 64, 197) }
```

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

```
.background{ background-color: rgb(47, 64,  
197) }
```

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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