

Converting Colors

YIQ(37.4890, 74.1790, 26.8110)

Have a look what the booklet for
YIQ(37.4890, 74.1790, 26.8110)
contains.

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Color

**YIQ(37.4890, 74.1790,
26.8110)**

Conversions

Conversions Part 1

Format	Color
Hex	7D0001
RGB	125, 0, 1
RGB Percent	49%, 0%, 0%
CMY	0.5095, 0.9999, 0.9958
CMYK	0.00, 1.00, 0.99, 0.51
HSL	359°, 100%, 25%
HSV	359°, 100%, 49%
XYZ	8.4744, 4.3681, 0.4273
YIQ	37.4890, 74.1790, 26.8110

Conversions

Conversions Part 2

Format	Color
RYB	125, 0, 1
Decimal	8192001
CIELab	24.85, 47.28, 36.74
CIElCh	25, 59.877, 37.846
Yxy	4.3681, 0.6386, 0.3292
Android (android.graphics.Color)	4286382081 (0xFF7D0001)
YUV	37.4890, -17.9891, 76.7471
Hunter-Lab	20.8999, 35.8030, 13.4176

Details

The YIQ color **37.4890, 74.1790, 26.8110** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **87.5110, -74.1790, -26.8110**, and the grayscale version is **38.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **99.4150, 77.0230, 19.3190**, and **19.7340, 39.3360, 13.9920** is the 20% darker color. If you saturate the color by 10%, you get **37.4890, 74.1790, 26.8110**, and if you desaturate by 10%, it is **46.4880, 66.7520, 23.7440**.

Distribution



Red (49%)

Green (0%)

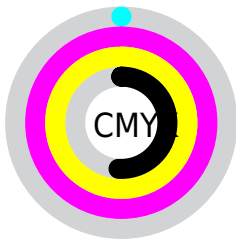
Blue (0%)



Red (49%)

Yellow (0%)

Blue (0%)



Cyan (0%)

Magenta (100%)

Yellow (99%)

Black (51%)



Cyan (51%)


Magenta (100%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 37.4890, 74.1790, 26.8110 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 37.4890, 74.1790, 26.8110 by changing the saturation by 10% instead.


 37.4890, 74.1790,
26.8110


 37.4890, 74.1790,
26.8110


 251.9220, 8.6670,
-8.3970


 28.4050, 56.6200,
20.1400

 99.4150, 77.0230,
19.3190


 20.0330, 39.9320,
14.2040


 126.5680, 80.9660,
19.4460

 11.7750, 22.9230,
8.5790

 154.4220, 84.3130,
19.3610

 0.0000, 0.0000,
0.0000


 175.5130, 73.6310,
14.7110


 194.9130, 57.5850,
8.1530


 214.4270, 41.2180,


1.9060


 234.5280, 24.5760,
-4.8640


 37.4890, 74.1790,
26.8110

 46.4880, 66.7520,
23.7440

 55.0140, 59.2790,
21.5110

 64.0130, 51.8520,
18.4440

 72.5390, 44.3790,
16.2110

 81.5380, 36.9520,
13.1440

■ 89.9500, 29.8000,
10.6000

■ 99.0630, 22.0520,
7.8440

■ 107.4750, 14.9000,
5.3000

■ 116.5880, 7.1520,
2.5440

Harmonies

Analogous

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



45.7660, 63.8140, 43.9580



37.4890, 74.1790, 26.8110



54.8420, 47.1790, -1.5010

Triad

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



37.4890, 74.1790, 26.8110



46.4190, -27.3660, -32.6940



53.6080, -65.5210, 14.5350

Complementary

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



37.4890, 74.1790, 26.8110



87.5110, -74.1790, -26.8110

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.



59.2670, -66.2990, 6.6050



37.4890, 74.1790, 26.8110



52.5920, -43.3700, -17.9780

Square

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



37.4890, 74.1790, 26.8110



41.0900, -19.2500, -36.6100



57.6080, -57.4940, -4.2940



58.5720, -11.9730, 35.2830

Rectangle

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



37.4890, 74.1790, 26.8110



55.5960, 29.8960, -13.1760



57.6080, -57.4940, -4.2940



56.5430, -66.8960, 11.9200

Sweetspot

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



37.4890, 74.1790, 26.8110



128.7650, 28.8830, 10.6990



51.0270, 33.1830, 64.9510



60.9700, 17.8800, 6.3600



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



37.4890, 74.1790, 26.8110



48.8510, 96.8270, 34.8670



72.5950, 58.0000, -4.8800



59.0930, 4.1720, 1.4840



38.3860, 75.9670, 27.4470



0.0000, 0.0000, 0.0000

Inverse Universe

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



37.4890, 74.1790, 26.8110



48.8510, 96.8270, 34.8670



52.4050, -58.0000, 4.8800



59.0930, 4.1720, 1.4840



38.3860, 75.9670, 27.4470



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 37.4890, 74.1790, 26.8110 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 37.4890, 74.1790, 26.8110

Background



This preview shows how black text looks on a background with the YIQ color 37.4890, 74.1790, 26.8110.



This preview shows how white text looks on a background with the YIQ color 37.4890, 74.1790,

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

37.4890, 74.1790, 26.8110

Protanopia

60.0340, 19.8550, -12.9210

Deuteranopia

58.8410, 30.5840, -14.6320



Tritanopia

44.1200, 70.6040, 20.0120

Trichromacy



Original Color

37.4890, 74.1790, 26.8110

Protanomaly

51.9430, 39.7050, 1.7930

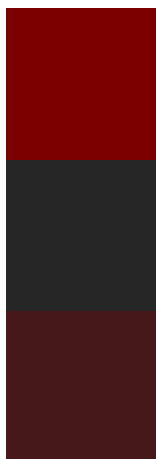
Deuteranomaly

51.0100, 46.7660, 0.4780

Tritanomaly

41.7720, 71.7040, 22.1040

Monochromacy



Original Color

37.4890, 74.1790, 26.8110

Achromatopsia

38.0000, -0.0000, -0.0000

Achromatomaly

37.8680, 27.0950, 10.0630

CSS Examples

Text

The CSS property to change the color of the text to YIQ 37.4890, 74.1790, 26.8110 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(125, 0, 1)` looks like.

```
.text, #text, p{  
    color:rgb(125, 0, 1)  
}
```

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(125, 0, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 0, 1) }
```

Border

The CSS property to change the border of an element to YIQ 37.4890, 74.1790, 26.8110 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(125, 0, 1) }
```


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

```
.border{ border-color:rgb(125, 0, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 0, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 0, 1); -webkit-box-shadow:4px  
4px 4px 4px rgb(125, 0, 1); box-shadow:4px  
4px 4px 4px rgb(125, 0, 1) }
```

Background

The CSS property to change the background color of an element to YIQ 37.4890, 74.1790, 26.8110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 0, 1) }
```

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

```
.background{ background-color: rgb(125, 0,  
1) }
```

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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