

Converting Colors

YIQ(75.7260, -37.2750, -1.7790)

Have a look what the booklet for
YIQ(75.7260, -37.2750, -1.7790)
contains.

YIQ(75.7260, -37.2750, -1.7790)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(75.7260, -37.2750,
-1.7790)**

Conversions

Conversions Part 1

Format	Color
Hex	275772
RGB	39, 87, 114
RGB Percent	15%, 34%, 45%
CMY	0.8471, 0.6587, 0.5531
CMYK	0.66, 0.24, 0.00, 0.55
HSL	202°, 49%, 30%
HSV	202°, 66%, 45%
XYZ	7.2804, 8.4644, 17.1568
YIQ	75.7260, -37.2750, -1.7790

Conversions

Conversions Part 2

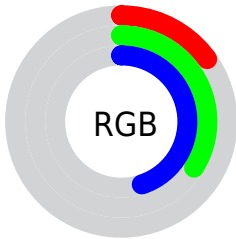
Format	Color
R_{YB}	39, 68, 114
Decimal	2578290
CIE _{Lab}	34.93, -7.19, -20.21
CIE _{LCh}	35, 21.451, 250.419
Yxy	8.4644, 0.2213, 0.2573
Android (android.graphics.Color)	4280768370 (0xFF275772)
YUV	75.7260, 18.8691, -32.2087
Hunter-Lab	29.0937, -6.2462, -14.5982




Details

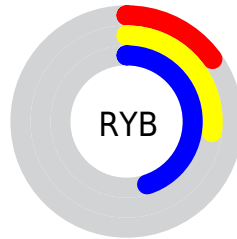
The YIQ color **75.7260, -37.2750, -1.7790** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **77.2740, 37.2750, 1.7790**, and the grayscale version is **76.0000, -0.0000, -0.0000**.




A 20% lighter version of the original color is **126.8510, -36.1290, -0.5210**, and **32.1780, -32.7360, -1.4400** is the 20% darker color. If you saturate the color by 10%, you get **70.0890, -42.7310, -2.0190**, and if you desaturate by 10%, it is **81.3630, -31.8190, -1.5390**.

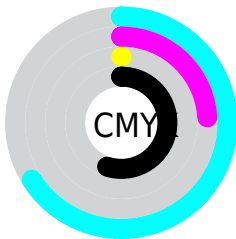
Distribution







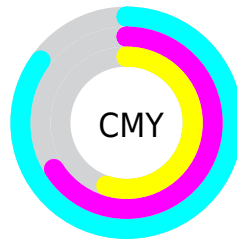
-  Red (15%)
-  Green (34%)
-  Blue (45%)






-  Red (15%)
-  Yellow (27%)
-  Blue (45%)



-  Cyan (66%)
-  Magenta (24%)
-  Yellow (0%)
-  Black (55%)



-  Cyan (85%)
-  Magenta (66%)
-  Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 75.7260, -37.2750, -1.7790 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 75.7260, -37.2750, -1.7790 by changing the saturation by 10% instead.

■ 75.7260, -37.2750,
-1.7790

■ 75.7260, -37.2750,
-1.7790

■ 255.0000, -0.0000,
-0.0000

■ 48.9100, -43.7850,
-4.9450

■ 126.8510,
-36.1290, -0.5210

■ 32.1780, -32.7360,
-1.4400

■ 153.2640,
-35.8540, 0.0020

■ 17.9300, -20.1740,
2.1780

■ 180.3780,
-36.1750, 0.3130

■ 3.2090, -7.6580,
6.6300

■ 208.1930,
-37.0920, 0.4120

■ 0.0000, 0.0000,
0.0000

■ 233.8700,
-29.1130, -6.5290

■ 247.5250,

-14.9000, -5.3000

■ 75.7260, -37.2750,
-1.7790

■ 75.7260, -37.2750,
-1.7790

■ 70.0890, -42.7310,
-2.0190

■ 81.3630, -31.8190,
-1.5390

■ 64.1530, -48.7830,
-2.4710

■ 87.2990, -25.7670,
-1.0870

■ 58.5160, -54.2390,
-2.7110

■ 92.9360, -20.3110,
-0.8470

■ 55.8470, -56.6690,
-2.7250

■ 98.8720, -14.2590,
-0.3950

■ 104.5090, -8.8030,
-0.1550

■ 110.7330, -3.6220,
-0.4380

■ 116.6690, 2.4300,
0.0140

■ 122.3060, 7.8860,
0.2540

■ 128.2420, 13.9380,
0.7060

Harmonies

Analogous

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



69.4700, -48.5980, -11.3340



75.7260, -37.2750, -1.7790



81.6900, -19.2580, 7.6060

Triad

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



75.7260, -37.2750, -1.7790



83.9650, 25.4440, 12.4520



78.6710, -1.0520, -13.9800

Complementary

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



75.7260, -37.2750, -1.7790



77.2740, 37.2750, 1.7790

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.



80.5050, 14.2150, -9.8250



75.7260, -37.2750, -1.7790



83.0050, 27.9670, 5.2710

Square

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



75.7260, -37.2750, -1.7790



84.0980, 14.9440, 15.5200



81.6960, 24.1630, -2.8850



75.1620, -18.6120, -15.1240

Rectangle

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



75.7260, -37.2750, -1.7790



83.6700, -7.3380, 11.8460



81.6960, 24.1630, -2.8850



78.8350, 4.3580, -12.9060

Sweetspot

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



75.7260, -37.2750, -1.7790



132.5730, -14.8550, -0.6070



85.9890, -28.9710, -31.1390



65.0960, -9.0780, -0.6780



201.0000, -0.0000, 0.0000



74.0000, -0.0000, 0.0000

Same Dimension

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



75.7260, -37.2750, -1.7790



88.3630, -58.1820, -2.8380



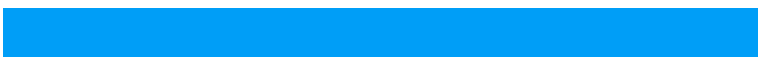
54.0070, -27.1000, 17.5720



53.0320, -3.0260, -0.2260



58.8790, -59.6950, -2.9510



120.9040, -122.7370, -5.8170

Inverse Universe

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



66.8970, 29.2920, 30.8280



74.5330, 45.6570, 48.1290



98.9930, 27.1000, -17.5720



52.2500, 2.2920, 2.5160



44.6580, 46.8030, 49.3870



91.8650, 96.4940, 101.5020

Previews

White Background



This preview shows how the YIQ color 75.7260, -37.2750, -1.7790 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 75.7260, -37.2750, -1.7790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

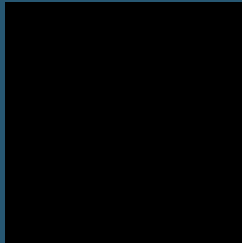
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 75.7260, -37.2750, -1.7790

Background



This preview shows how black text looks on a background with the YIQ color 75.7260, -37.2750, -1.7790.



This preview shows how white text looks on a background with the YIQ color 75.7260, -37.2750,

-1.7790.

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

75.7260, -37.2750, -1.7790

Protanopia

82.0990, -13.1600, 7.2240

Deuteranopia

81.5870, -17.4700, 8.2420



Tritanopia

72.8580, -38.0070, -10.5430

Trichromacy



Original Color

75.7260, -37.2750, -1.7790

Protanomaly

79.6140, -22.1000, 4.0440

Deuteranomaly

79.4720, -24.5760, 4.8640

Tritanomaly

73.8520, -37.8700, -7.5180

Monochromacy



Original Color

75.7260, -37.2750, -1.7790

Achromatopsia

76.0000, -0.0000, -0.0000

Achromatomaly

76.0570, -13.3420, -0.4940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 75.7260, -37.2750, -1.7790 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(39, 87, 114)` looks like.

```
.text, #text, p{  
    color:rgb(39, 87, 114)  
}
```

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(39, 87, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 87, 114) }
```

Border

The CSS property to change the border of an element to YIQ 75.7260, -37.2750, -1.7790 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(39, 87, 114) }
```


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

```
.border{ border-color:rgb(39, 87, 114) }
```

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

Here you see how a box with a 4 pixel rgb(39, 87, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 87, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 87, 114);  
box-shadow:4px 4px 4px 4px rgb(39, 87,  
114) }
```

Background

The CSS property to change the background color of an element to YIQ 75.7260, -37.2750, -1.7790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 87, 114) }
```

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

```
.background{ background-color: rgb(39, 87,  
114) }
```

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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