

Converting Colors

YIQ(73.7370, -78.2250, 35.5270)

Have a look what the booklet for
YIQ(73.7370, -78.2250, 35.5270)
contains.

YIQ(73.7370, -78.2250, 35.5270)	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(73.7370, -78.2250,
35.5270)**

Conversions

Conversions Part 1

Format	Color
Hex	1548DD
RGB	21, 72, 221
RGB Percent	8%, 28%, 87%
CMY	0.9175, 0.7176, 0.1338
CMYK	0.90, 0.67, 0.00, 0.13
HSL	225°, 83%, 47%
HSV	225°, 90%, 87%
XYZ	15.6646, 10.0116, 69.4376
YIQ	73.7370, -78.2250, 35.5270

Conversions

Conversions Part 2

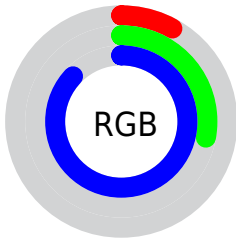
Format	Color
R_{YB}	21, 62, 221
Decimal	1394909
CIE _{Lab}	37.86, 41.97, -79.28
CIE _{LCh}	38, 89.704, 297.893
Yxy	10.0116, 0.1647, 0.1053
Android (android.graphics.Color)	4279584989 (0xFF1548DD)
YUV	73.7370, 72.6007, -46.2503
Hunter-Lab	31.6411, 32.9982, -107.9655

Details

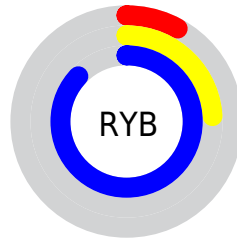
The YIQ color **73.7370, -78.2250, 35.5270** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **168.2630, 78.2250, -35.5270**, and the grayscale version is **73.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **132.4000, -49.2950, 39.8650**, and **35.7190, -60.6190, 35.8370** is the 20% darker color. If you saturate the color by 10%, you get **58.0660, -86.3410, 39.4430**, and if you desaturate by 10%, it is **89.7070, -69.5130, 31.8230**.

Distribution



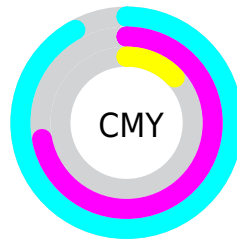
- Red (8%)
- Green (28%)
- Blue (87%)



- Red (8%)
- Yellow (24%)
- Blue (87%)



- Cyan (90%)
- Magenta (67%)
- Yellow (0%)
- Black (13%)



- Cyan (92%)
- Magenta (72%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 73.7370, -78.2250, 35.5270 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 73.7370, -78.2250, 35.5270 by changing the saturation by 10% instead.

■ 73.7370, -78.2250,
35.5270

■ 73.7370, -78.2250,
35.5270

■ 255.0000, -0.0000,
-0.0000

■ 51.2380, -75.3820,
33.5620

■ 132.4000,
-49.2950, 39.8650

■ 35.7190, -60.6190,
35.8370

■ 157.5290,
-36.7770, 33.2630

■ 22.6620, -47.2770,
36.3310

■ 182.9460,
-25.1300, 25.9260

■ 12.6540, -35.6310,
34.5210

■ 208.0640,
-14.0790, 18.3770

■ 16.7340, -30.5850,
20.1590

■ 234.0680, -2.7070,
10.5170

■ 10.4760, -21.2310,
15.8330

■ 6.0930, -13.0230,

10.2490

■ 2.2970, -5.0900,
4.1420

■ 0.0000, 0.0000,
0.0000

■ 73.7370, -78.2250,
35.5270

■ 73.7370, -78.2250,
35.5270

■ 58.0660, -86.3410,
39.4430

■ 89.7070, -69.5130,
31.8230

■ 106.2640,
-61.0760, 27.5960

■ 122.2340,
-52.3640, 23.8920

■ 138.7910,
-43.9270, 19.6650

■ 154.7610,
-35.2150, 15.9610

■ 171.6170,
-26.1820, 11.9460

■ 187.5870,
-17.4700, 8.2420

■ 204.1440, -9.0330,
4.0150

■ 220.1140, -0.3210,
0.3110

Harmonies

Analogous

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



87.1200, -104.7690, 20.9830



73.7370, -78.2250, 35.5270



68.4870, 44.4120, 87.2280

Triad

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



73.7370, -78.2250, 35.5270



76.3480, 87.1570, 11.8690



76.8530, -57.9470, -34.6430

Complementary

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



73.7370, -78.2250, 35.5270



168.2630, 78.2250, -35.5270

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.



65.1570, -30.5250, -58.0530



73.7370, -78.2250, 35.5270



83.9810, 44.5690, -20.2870

Square

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



73.7370, -78.2250, 35.5270



63.2910, 110.8080, 51.3200



71.2140, -8.3360, -47.1840



85.8760, -81.9760, -12.1520

Rectangle

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



73.7370, -78.2250, 35.5270



72.8110, 78.2500, 79.7060



71.2140, -8.3360, -47.1840



73.3020, -49.3260, -42.2060

Sweetspot

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



73.7370, -78.2250, 35.5270



204.4320, -27.0990, 12.0450



155.1580, -102.1870, -58.8830



97.5440, -15.9110, 7.5210



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.



73.7370, -78.2250, 35.5270



67.2250, -99.7300, 45.3100



57.8530, -36.1880, 72.1640



101.4280, -4.0810, 2.3750



45.5500, -67.6330, 30.7910



12.2880, -18.0660, 8.0300

Inverse Universe

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



86.6140, 102.8290, 58.2610



83.6550, 131.1150, 74.2750



184.1470, 36.1880, -72.1640



102.5170, 5.9140, 2.9540



56.7430, 88.9840, 50.3600



15.1220, 23.5640, 13.4840

Previews

White Background



This preview shows how the YIQ color 73.7370, -78.2250, 35.5270 looks on a white background.

Color Contrast Check

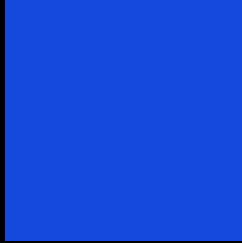
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 73.7370, -78.2250, 35.5270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

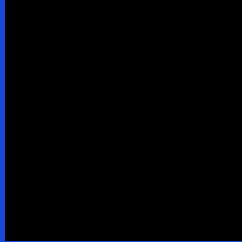
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 73.7370, -78.2250, 35.5270

Background



This preview shows how black text looks on a background with the YIQ color 73.7370, -78.2250, 35.5270.



This preview shows how white text looks on a background with the YIQ color 73.7370, -78.2250,

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

73.7370, -78.2250, 35.5270

Protanopia

70.4150, -81.1550, 11.5250

Deuteranopia

70.9730, -74.4590, 0.3010



Tritanopia

69.3820, -60.3340, -18.9100

Trichromacy



Original Color

73.7370, -78.2250, 35.5270

Protanomaly

71.5820, -79.8270, 20.5010

Deuteranomaly

71.9920, -75.4700, 13.1220

Tritanomaly

71.3930, -66.8940, 0.8660

Monochromacy



Original Color

73.7370, -78.2250, 35.5270

Achromatopsia

74.0000, -0.0000, 0.0000

Achromatomaly

73.7740, -28.0620, 12.9780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 73.7370, -78.2250, 35.5270 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(21, 72, 221)` looks like.

```
.text, #text, p{  
    color:rgb(21, 72, 221)  
}
```

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(21, 72, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 72, 221) }
```

Border

The CSS property to change the border of an element to YIQ 73.7370, -78.2250, 35.5270 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(21, 72, 221) }
```


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

```
.border{ border-color:rgb(21, 72, 221) }
```

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

Here you see how a box with a 4 pixel rgb(21, 72, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 72, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 72, 221);  
box-shadow:4px 4px 4px 4px rgb(21, 72,  
221) }
```

Background

The CSS property to change the background color of an element to YIQ 73.7370, -78.2250, 35.5270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 72, 221) }
```

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

```
.background{ background-color: rgb(21, 72,  
221) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor