

Converting Colors

YIQ(73.8300, -13.3000, 20.7800)

Have a look what the booklet for
YIQ(73.8300, -13.3000, 20.7800)
contains.

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Color

**YIQ(73.8300, -13.3000,
20.7800)**

Conversions

Conversions Part 1

Format	Color
Hex	4A407C
RGB	74, 64, 124
RGB Percent	29%, 25%, 49%
CMY	0.7097, 0.7490, 0.5138
CMYK	0.40, 0.48, 0.00, 0.51
HSL	250°, 32%, 37%
HSV	250°, 48%, 49%
XYZ	8.2949, 6.5774, 19.8928
YIQ	73.8300, -13.3000, 20.7800

Conversions

Conversions Part 2

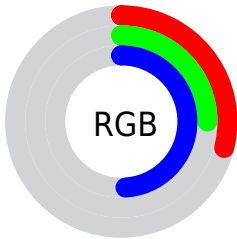
Format	Color
RYB	74, 64, 124
Decimal	4866172
CIELab	30.82, 19.95, -32.75
CIElCh	31, 38.352, 301.347
Yxy	6.5774, 0.2386, 0.1892
Android (android.graphics.Color)	4283056252 (0xFF4A407C)
YUV	73.8300, 24.7338, 0.1491
Hunter-Lab	25.6464, 12.8515, -28.0360

Details

The YIQ color **73.8300, -13.3000, 20.7800** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **114.1700, 13.3000, -20.7800**, and the grayscale version is **74.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **123.2970, -13.1170, 22.9710**, and **28.0530, -15.5460, 17.4300** is the 20% darker color. If you saturate the color by 10%, you get **63.7960, -15.9600, 24.9360**, and if you desaturate by 10%, it is **83.8640, -10.6400, 16.6240**.

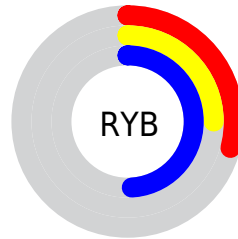
Distribution



Red (29%)

Green (25%)

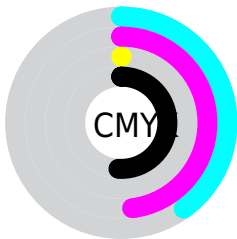
Blue (49%)



Red (29%)

Yellow (25%)

Blue (49%)

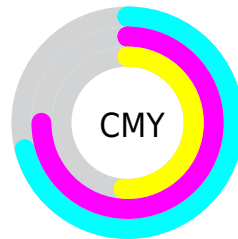


Cyan (40%)

Magenta (48%)

Yellow (0%)

Black (51%)



Cyan (71%)

Magenta (75%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 73.8300, -13.3000, 20.7800 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 73.8300, -13.3000, 20.7800 by changing the saturation by 10% instead.

73.8300, -13.3000,
20.7800

73.8300, -13.3000,
20.7800

255.0000, -0.0000,
-0.0000

50.5910, -14.1250,
19.2110

123.2970,
-13.1170, 22.9710

28.0530, -15.5460,
17.4300

149.2370,
-12.8880, 24.3280

7.1240, -14.3080,
17.0200

176.3510,
-13.2090, 24.6390

4.5940, -10.1800,
8.2840

203.0800,
-11.0080, 23.2960

0.0000, 0.0000,
0.0000

228.1870, -1.4240,
14.8000

250.3040, 2.2000,

4.1840

■ 73.8300, -13.3000,
20.7800

■ 73.8300, -13.3000,
20.7800

■ 63.7960, -15.9600,
24.9360

■ 83.8640, -10.6400,
16.6240

■ 52.8760, -18.9410,
29.4030

■ 94.7840, -7.6590,
12.1570

■ 42.8420, -21.6010,
33.5590

■ 104.8180, -4.9990,
8.0010

■ 32.2210, -23.9860,
38.2380

■ 115.4390, -2.6140,
3.3220

■ 21.8880, -27.2420,
42.1820

■ 125.7720, 0.6420,
-0.6220

■ 20.4150, -27.2880,
43.0160

■ 135.8060, 3.3020,
-4.7780

■ 146.4270, 5.6870,
-9.4570

■ 156.7600, 8.9430,
-13.4010

■ 167.3810, 11.3280,
-18.0800

Harmonies

Analogous

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



59.7740, -63.5930, 1.6150



73.8300, -13.3000, 20.7800



74.4550, 18.7930, 28.3690

Triad

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



73.8300, -13.3000, 20.7800



70.1620, 43.2820, -2.4620



59.3910, -47.3580, -22.7980

Complementary

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



73.8300, -13.3000, 20.7800



114.1700, 13.3000, -20.7800

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.



54.0960, -36.5820, -30.8700



73.8300, -13.3000, 20.7800



68.3200, 30.4930, -18.4910

Square

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



73.8300, -13.3000, 20.7800



70.1540, 46.9010, 14.5570



65.5280, 6.2400, -24.9920



62.2240, -56.7130, -12.9450

Rectangle

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



73.8300, -13.3000, 20.7800



71.7680, 33.9690, 28.6650



65.5280, 6.2400, -24.9920



57.6640, -43.8730, -25.3850

Sweetspot

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



73.8300, -13.3000, 20.7800



140.9320, -5.3200, 8.3120



100.1900, -33.0100, -7.4900



69.3080, -3.6230, 5.0890



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.



73.8300, -13.3000, 20.7800



82.5000, -20.6380, 32.6260



82.8000, 4.5800, 27.1400



55.9830, -1.3300, 2.0780



20.5290, -27.6090, 43.3270



41.2860, -55.8600, 87.2760

Inverse Universe

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



87.6400, 19.7100, 28.2700



103.9980, 30.9860, 44.1860



105.2000, -4.5800, -27.1400



57.3640, 1.9710, 2.8270



49.2310, 41.1160, 58.8440



99.2880, 82.7820, 118.7340

Previews

White Background



This preview shows how the YIQ color 73.8300, -13.3000, 20.7800 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 73.8300, -13.3000, 20.7800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

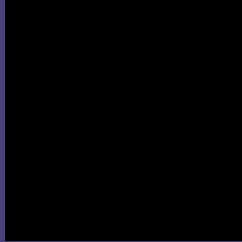
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 73.8300, -13.3000, 20.7800

Background



This preview shows how black text looks on a background with the YIQ color 73.8300, -13.3000, 20.7800.



This preview shows how white text looks on a background with the YIQ color 73.8300, -13.3000,

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

73.8300, -13.3000, 20.7800

Protanopia

69.6530, -35.0310, 12.6250

Deuteranopia

68.4200, -35.9930, 8.0310



Tritanopia

71.6940, -7.8860, -0.2540

Trichromacy



Original Color

73.8300, -13.3000, 20.7800

Protanomaly

70.9530, -27.0080, 15.9040

Deuteranomaly

70.6600, -27.7410, 12.6670

Tritanomaly

72.3660, -9.5380, 7.6620

Monochromacy



Original Color

73.8300, -13.3000, 20.7800

Achromatopsia

74.0000, -0.0000, 0.0000

Achromatomaly

73.7040, -4.6780, 7.6900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 73.8300, -13.3000, 20.7800 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(74, 64, 124)` looks like.

```
.text, #text, p{  
    color:rgb(74, 64, 124)  
}
```

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(74, 64, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 64, 124) }
```

Border

The CSS property to change the border of an element to YIQ 73.8300, -13.3000, 20.7800 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(74, 64, 124) }
```


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

```
.border{ border-color:rgb(74, 64, 124) }
```

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

Here you see how a box with a 4 pixel rgb(74, 64, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 64, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 64, 124);  
box-shadow:4px 4px 4px 4px rgb(74, 64,  
124) }
```

Background

The CSS property to change the background color of an element to YIQ 73.8300, -13.3000, 20.7800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 64, 124) }
```

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

```
.background{ background-color: rgb(74, 64,  
124) }
```

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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