

Converting Colors

YIQ(75.0710, 73.4410, 51.2090)

Have a look what the booklet for
YIQ(75.0710, 73.4410, 51.2090)
contains.

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Color

**YIQ(75.0710, 73.4410,
51.2090)**

Conversions

Conversions Part 1

Format	Color
Hex	B11651
RGB	177, 22, 81
RGB Percent	69%, 9%, 32%
CMY	0.3055, 0.9139, 0.6821
CMYK	0.00, 0.88, 0.54, 0.31
HSL	337°, 78%, 39%
HSV	337°, 88%, 69%
XYZ	19.9283, 10.5256, 8.7782
YIQ	75.0710, 73.4410, 51.2090

Conversions

Conversions Part 2

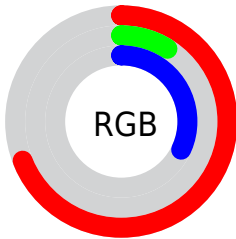
Format	Color
R_{YB}	177, 22, 81
Decimal	11605585
CIE _{Lab}	38.77, 60.96, 8.03
CIE _{LCh}	39, 61.489, 7.505
Yxy	10.5256, 0.5080, 0.2683
Android (android.graphics.Color)	4289795665 (0xFFB11651)
YUV	75.0710, 2.9230, 89.3917
Hunter-Lab	32.4432, 52.8681, 6.6680

Details

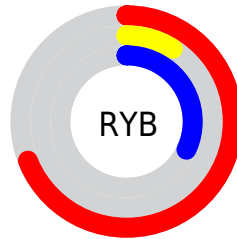
The YIQ color **75.0710, 73.4410, 51.2090** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **123.9290, -73.4410, -51.2090**, and the grayscale version is **75.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **137.6380, 75.9180, 44.8620**, and **39.5000, 58.4510, 36.5230** is the 20% darker color. If you saturate the color by 10%, you get **63.2510, 81.9220, 57.2020**, and if you desaturate by 10%, it is **86.8910, 64.9600, 45.2160**.

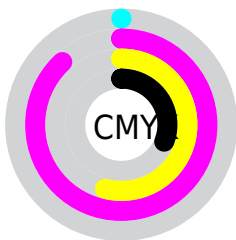
Distribution



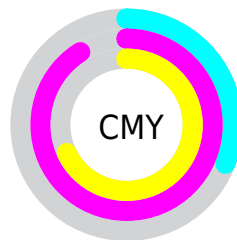
- Red (69%)
- Green (9%)
- Blue (32%)



- Red (69%)
- Yellow (9%)
- Blue (32%)



- Cyan (0%)
- Magenta (88%)
- Yellow (54%)
- Black (31%)





- Cyan (31%)
- Magenta (91%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 75.0710, 73.4410, 51.2090 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 75.0710, 73.4410, 51.2090 by changing the saturation by 10% instead.


 75.0710, 73.4410,
51.2090


 75.0710, 73.4410,
51.2090


255.0000, -0.0000,
-0.0000


 50.5650, 68.9940,
49.2020


 137.6380, 75.9180,
44.8620


 39.5000, 58.4510,
36.5230


 162.1210, 70.0040,
41.9080


 28.4350, 47.9080,
23.8440

 182.2220, 53.3620,
35.1380

 18.8800, 35.9890,
14.0770

 201.7360, 36.9950,
28.8910

 7.5890, 14.5790,
5.6110

 222.0650, 19.7110,
22.7430

 0.0000, 0.0000,
0.0000

 240.9120, 6.6000,

12.5520

■ 75.0710, 73.4410,
51.2090

■ 75.0710, 73.4410,
51.2090

■ 63.2510, 81.9220,
57.2020

■ 86.8910, 64.9600,
45.2160

■ 60.5610, 83.9850,
58.3610

■ 98.1240, 56.7540,
39.7460

■ 109.9440, 48.2730,
33.7530

■ 121.7640, 39.7920,
27.7600

■ 133.5840, 31.3110,
21.7670

■ 144.8170, 23.1050,
16.2970

■ 156.6370, 14.6240,
10.3040

■ 168.4570, 6.1430,
4.3110

■ 179.6900, -2.0630,
-1.1590

Harmonies

Analogous

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



85.9550, 41.7130, 53.5290



75.0710, 73.4410, 51.2090



81.8820, 77.2060, 21.5100

Triad

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



75.0710, 73.4410, 51.2090



74.7910, -2.6510, -45.5870



83.7850, -88.4890, 1.2630

Complementary

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



75.0710, 73.4410, 51.2090



123.9290, -73.4410, -51.2090

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.



82.9580, -79.2710, -11.6150



75.0710, 73.4410, 51.2090



70.2700, -46.3000, -41.9800

Square

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



75.0710, 73.4410, 51.2090



84.4910, 34.0250, -27.4390



78.0730, -64.1380, -27.0660



77.0660, -87.4820, 10.5500

Rectangle

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



75.0710, 73.4410, 51.2090



84.1900, 72.4420, -2.2940



78.0730, -64.1380, -27.0660



84.0470, -86.4710, -2.2710

Sweetspot

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



75.0710, 73.4410, 51.2090



190.5620, 28.3770, 19.8730



68.3740, 7.4610, 68.5570



91.3600, 16.9620, 11.9860



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



75.0710, 73.4410, 51.2090



78.6880, 109.1530, 75.8170



78.9110, 87.4300, 23.4460



83.1470, 4.0800, 3.1520



52.3590, 72.5700, 50.4740



8.9140, 12.2860, 8.6220

Inverse Universe

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



75.0710, 73.4410, 51.2090



78.6880, 109.1530, 75.8170



120.0890, -87.4300, -23.4460



83.1470, 4.0800, 3.1520



52.3590, 72.5700, 50.4740



8.9140, 12.2860, 8.6220

Previews

White Background



This preview shows how the YIQ color 75.0710, 73.4410, 51.2090 looks on a white background.

Color Contrast Check

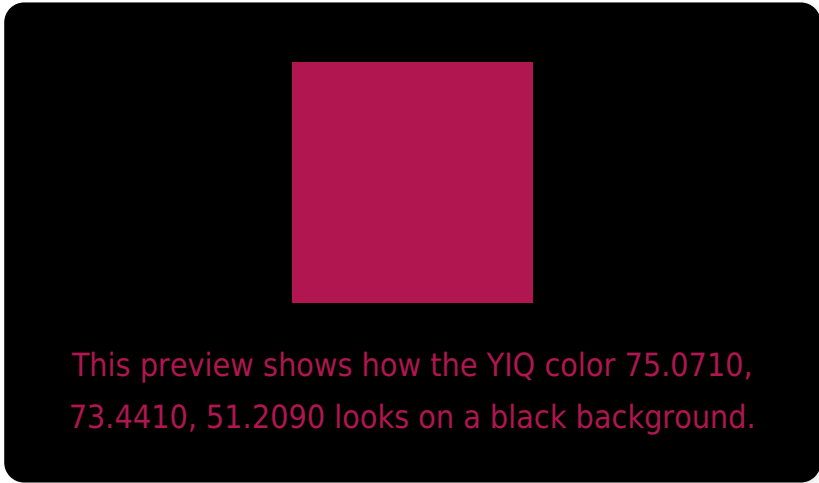
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

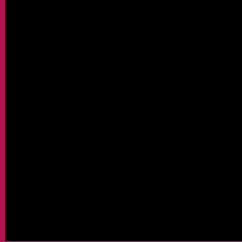
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 75.0710, 73.4410, 51.2090

Background



This preview shows how black text looks on a background with the YIQ color 75.0710, 73.4410, 51.2090.



This preview shows how white text looks on a background with the YIQ color 75.0710, 73.4410,

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

75.0710, 73.4410, 51.2090

Protanopia

93.4260, -9.7670, 6.3050

Deuteranopia

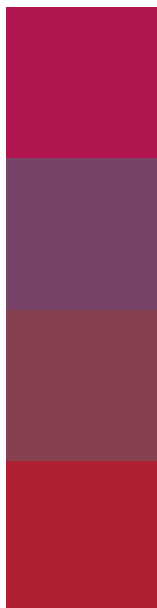
92.9710, 16.1390, -0.6370



Tritanopia

78.2620, 82.2480, 29.2560

Trichromacy



Original Color

75.0710, 73.4410, 51.2090

Protanomaly

86.9510, 20.0320, 22.4320

Deuteranomaly

86.7000, 36.6760, 18.1480

Tritanomaly

77.4500, 79.0830, 37.0590

Monochromacy



Original Color

75.0710, 73.4410, 51.2090

Achromatopsia

75.0000, -0.0000, -0.0000

Achromatomaly

75.1380, 26.6350, 18.4030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 75.0710, 73.4410, 51.2090 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(177, 22, 81)` looks like.

```
.text, #text, p{  
    color:rgb(177, 22, 81)  
}
```

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(177, 22, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 22, 81) }
```

Border

The CSS property to change the border of an element to YIQ 75.0710, 73.4410, 51.2090 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(177, 22, 81) }
```


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

```
.border{ border-color:rgb(177, 22, 81) }
```

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

Here you see how a box with a 4 pixel rgb(177, 22, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 22, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 22, 81);  
box-shadow:4px 4px 4px 4px rgb(177, 22,  
81) }
```

Background

The CSS property to change the background color of an element to YIQ 75.0710, 73.4410, 51.2090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 22, 81) }
```

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

```
.background{ background-color: rgb(177, 22,  
81) }
```

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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