

Converting Colors

YIQ(85.7390, 76.4710, 29.3270)

Have a look what the booklet for
YIQ(85.7390, 76.4710, 29.3270)
contains.

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Color

**YIQ(85.7390, 76.4710,
29.3270)**

Conversions

Conversions Part 1

Format	Color
Hex	B12E33
RGB	177, 46, 51
RGB Percent	69%, 18%, 20%
CMY	0.3056, 0.8198, 0.7997
CMYK	0.00, 0.74, 0.71, 0.31
HSL	358°, 59%, 44%
HSV	358°, 74%, 69%
XYZ	19.7238, 11.5459, 4.3298
YIQ	85.7390, 76.4710, 29.3270

Conversions

Conversions Part 2

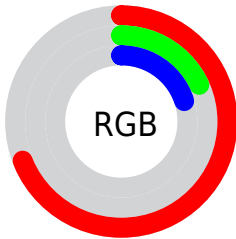
Format	Color
R_{YB}	177, 46, 51
Decimal	11611699
CIE _{Lab}	40.49, 52.55, 29.12
CIE _{LCh}	40, 60.080, 28.995
Yxy	11.5459, 0.5540, 0.3243
Android (android.graphics.Color)	4289801779 (0xFFB12E33)
YUV	85.7390, -17.1263, 80.0359
Hunter-Lab	33.9793, 44.1494, 16.2304

Details

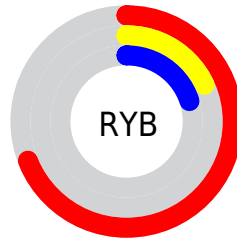
The YIQ color **85.7390, 76.4710, 29.3270** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **137.2610, -76.4710, -29.3270**, and the grayscale version is **86.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **142.5070, 82.9360, 27.8000**, and **35.7810, 67.4850, 26.9810** is the 20% darker color. If you saturate the color by 10%, you get **73.2350, 86.8780, 33.4540**, and if you desaturate by 10%, it is **98.2430, 66.0640, 25.2000**.

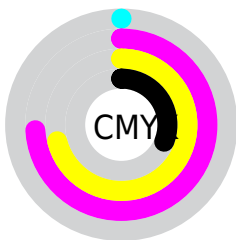
Distribution



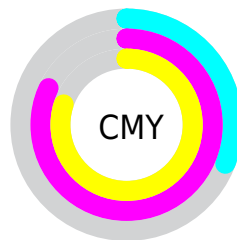
- Red (69%)
- Green (18%)
- Blue (20%)



- Red (69%)
- Yellow (18%)
- Blue (20%)



- Cyan (0%)
- Magenta (74%)
- Yellow (71%)
- Black (31%)



- Cyan (31%)
- Magenta (82%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 85.7390, 76.4710, 29.3270 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 85.7390, 76.4710, 29.3270 by changing the saturation by 10% instead.

■ 85.7390, 76.4710,
29.3270

■ 85.7390, 76.4710,
29.3270

255.0000, -0.0000,
-0.0000

■ 51.4820, 76.0570,
36.8330

■ 142.5070, 82.9360,
27.8000

■ 35.7810, 67.4850,
26.9810

■ 165.9900, 77.0220,
24.8460

■ 26.0130, 51.8520,
18.4440

■ 185.2760, 61.2970,
17.9770

■ 18.1680, 35.1180,
13.3420

■ 204.7900, 44.9300,
11.7300

■ 7.2900, 13.9830,
5.3990

■ 225.0050, 27.9670,
5.2710

■ 0.0000, 0.0000,
0.0000

■ 245.2200, 11.0040,

-1.1880

■ 85.7390, 76.4710,
29.3270

■ 85.7390, 76.4710,
29.3270

■ 73.2350, 86.8780,
33.4540

■ 98.2430, 66.0640,
25.2000

■ 61.3180, 97.0100,
37.0580

■ 110.1600, 55.9320,
21.5960

■ 53.7210, 103.2450,
39.7010

■ 122.6640, 45.5250,
17.4690

■ 135.1680, 35.1180,
13.3420

■ 147.0850, 24.9860,
9.7380

■ 159.5890, 14.5790,
5.6110

■ 172.0930, 4.1720,
1.4840

■ 184.5970, -6.2350,
-2.6430

■ 196.5140,
-16.3670, -6.2470

Harmonies

Analogous

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



84.4660, 64.9590, 50.7430



85.7390, 76.4710, 29.3270



88.3100, 71.9840, -5.0080

Triad

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



85.7390, 76.4710, 29.3270



70.8910, -43.9150, -46.6590



82.1040, -90.6450, 7.2990

Complementary

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



85.7390, 76.4710, 29.3270



137.2610, -76.4710, -29.3270

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.



86.8510, -88.8550, -3.1190



85.7390, 76.4710, 29.3270



78.5800, -61.4320, -32.0560

Square

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



85.7390, 76.4710, 29.3270



82.8530, 11.9740, -40.8100



84.8670, -77.7570, -17.0290



95.1830, -29.9910, 31.4250

Rectangle

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



85.7390, 76.4710, 29.3270



90.2380, 54.1510, -17.7290



84.8670, -77.7570, -17.0290



84.8110, -91.3780, 4.0620

Sweetspot

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



85.7390, 76.4710, 29.3270



194.4770, 29.7540, 11.4340



98.3090, 32.4490, 67.2410



94.0840, 17.5590, 6.6710



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.



85.7390, 76.4710, 29.3270



87.2070, 119.6120, 45.9480



119.8020, 61.8510, -3.0850



82.8050, 5.0430, 2.2190



46.4310, 89.2620, 34.3020



7.8880, 15.1750, 5.8230

Inverse Universe

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



85.7390, 76.4710, 29.3270



87.2070, 119.6120, 45.9480



103.1980, -61.8510, 3.0850



82.8050, 5.0430, 2.2190



46.4310, 89.2620, 34.3020



7.8880, 15.1750, 5.8230

Previews

White Background



This preview shows how the YIQ color 85.7390, 76.4710, 29.3270 looks on a white background.

Color Contrast Check

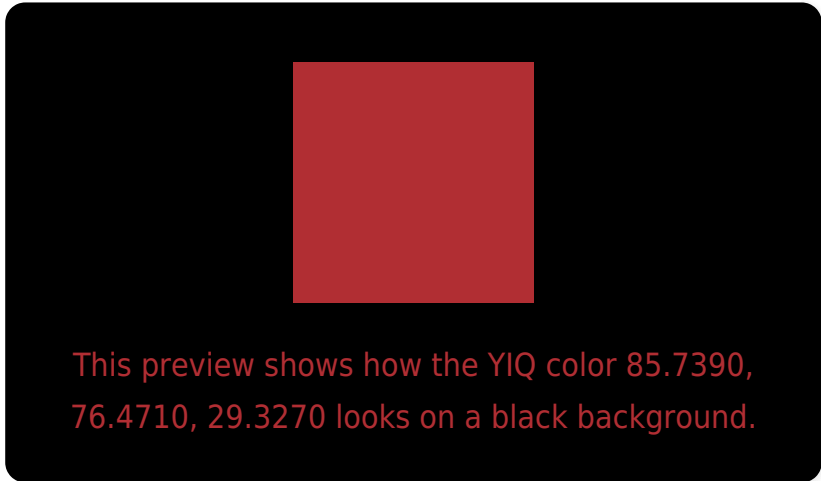
Large Text (above 18pt) WCAG AA ✓ Pass

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 85.7390, 76.4710, 29.3270

Background



This preview shows how black text looks on a background with the YIQ color 85.7390, 76.4710, 29.3270.



This preview shows how white text looks on a background with the YIQ color 85.7390, 76.4710,

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

85.7390, 76.4710, 29.3270

Protanopia

95.3140, 13.4350, -6.7010

Deuteranopia

94.4870, 31.8210, -9.5150



Tritanopia

85.3970, 77.4340, 28.3940

Trichromacy



Original Color

85.7390, 76.4710, 29.3270

Protanomaly

92.0230, 36.7240, 6.2600

Deuteranomaly

91.1290, 48.0490, 4.7610

Tritanomaly

85.5110, 77.1130, 28.7050

Monochromacy



Original Color

85.7390, 76.4710, 29.3270

Achromatopsia

86.0000, -0.0000, -0.0000

Achromatomaly

85.5800, 27.9660, 10.7980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 85.7390, 76.4710, 29.3270 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, 46, 51)` looks like.

```
.text, #text, p{  
    color:rgb(177, 46, 51)  
}
```

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, 46, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 46, 51) }
```

Border

The CSS property to change the border of an element to YIQ 85.7390, 76.4710, 29.3270 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, 46, 51) }
```


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

```
.border{ border-color:rgb(177, 46, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 46, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 46, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 46, 51);  
box-shadow:4px 4px 4px 4px rgb(177, 46,  
51) }
```

Background

The CSS property to change the background color of an element to YIQ 85.7390, 76.4710, 29.3270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 46, 51) }
```

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

```
.background{ background-color: rgb(177, 46,  
51) }
```

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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