

Converting Colors

YIQ(86.0640, 74.1780, 32.3380)

Have a look what the booklet for
YIQ(86.0640, 74.1780, 32.3380)
contains.

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Color

**YIQ(86.0640, 74.1780,
32.3380)**

Conversions

Conversions Part 1

Format	Color
Hex	B12D3B
RGB	177, 45, 59
RGB Percent	69%, 18%, 23%
CMY	0.3056, 0.8237, 0.7683
CMYK	0.00, 0.75, 0.67, 0.31
HSL	354°, 60%, 44%
HSV	354°, 75%, 69%
XYZ	19.8778, 11.5458, 5.3284
YIQ	86.0640, 74.1780, 32.3380

Conversions

Conversions Part 2

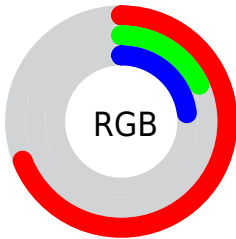
Format	Color
R_{YB}	177, 45, 59
Decimal	11611451
CIE Lab	40.49, 53.32, 24.23
CIE LCh	40, 58.567, 24.442
Yxy	11.5458, 0.5409, 0.3142
Android (android.graphics.Color)	4289801531 (0xFFB12D3B)
YUV	86.0640, -13.3426, 79.7509
Hunter-Lab	33.9792, 44.9588, 14.4879

Details

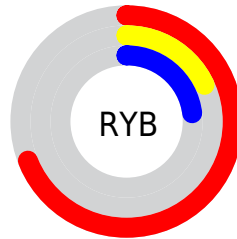
The YIQ color **86.0640, 74.1780, 32.3380** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **135.9360, -74.1780, -32.3380**, and the grayscale version is **86.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **142.5330, 80.0470, 30.5990**, and **36.9210, 64.2750, 30.0910** is the 20% darker color. If you saturate the color by 10%, you get **73.6740, 84.2640, 36.7760**, and if you desaturate by 10%, it is **98.4540, 64.0920, 27.9000**.

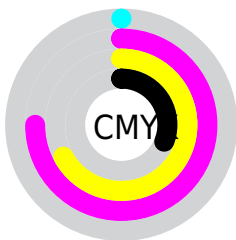
Distribution



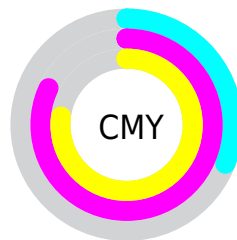
- Red (69%)
- Green (18%)
- Blue (23%)



- Red (69%)
- Yellow (18%)
- Blue (23%)



- Cyan (0%)
- Magenta (75%)
- Yellow (67%)
- Black (31%)





- Cyan (31%)
- Magenta (82%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 86.0640, 74.1780, 32.3380 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 86.0640, 74.1780, 32.3380 by changing the saturation by 10% instead.


 86.0640, 74.1780,
32.3380


 86.0640, 74.1780,
32.3380


255.0000, -0.0000,
-0.0000


 51.1060, 74.3600,
40.0560


 142.5330, 80.0470,
30.5990


 36.9210, 64.2750,
30.0910


 166.9020, 74.4540,
27.3340


 26.3120, 52.4480,
18.6560

 185.7150, 58.6830,
21.2990

 18.4670, 35.7140,
13.5540

 205.8160, 42.0410,
14.5290

 7.5890, 14.5790,
5.6110

 225.4440, 25.3530,
8.5930

 0.0000, 0.0000,
0.0000

 246.2460, 8.1150,

1.6110

■ 86.0640, 74.1780,
32.3380

■ 86.0640, 74.1780,
32.3380

■ 73.6740, 84.2640,
36.7760

■ 98.4540, 64.0920,
27.9000

■ 61.8710, 94.0750,
40.6910

■ 110.2570, 54.2810,
23.9850

■ 55.0890, 99.3930,
43.4330

■ 122.6470, 44.1950,
19.5470

■ 134.9230, 34.4300,
14.7980

■ 146.7260, 24.6190,
10.8830

■ 159.1160, 14.5330,
6.4450

■ 171.5060, 4.4470,
2.0070

■ 183.8960, -5.6390,
-2.4310

■ 195.5850,
-15.1290, -6.6570

Harmonies

Analogous

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



87.0030, 58.9530, 49.4570



86.0640, 74.1780, 32.3380



88.9990, 71.6620, 0.8300

Triad

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



86.0640, 74.1780, 32.3380



69.6200, -41.7140, -48.0020



82.9360, -90.2320, 5.3200

Complementary

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



86.0640, 74.1780, 32.3380



135.9360, -74.1780, -32.3380

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.



86.0530, -86.6080, -5.2960



86.0640, 74.1780, 32.3380



77.7820, -59.1850, -34.2330

Square

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



86.0640, 74.1780, 32.3380



84.3700, 17.8880, -37.8560



83.3680, -74.9140, -18.9940



93.2740, -40.6730, 26.7750

Rectangle

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



86.0640, 74.1780, 32.3380



89.9720, 57.9560, -15.1000



83.3680, -74.9140, -18.9940



84.8280, -90.0480, 1.9840

Sweetspot

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



86.0640, 74.1780, 32.3380



194.8190, 28.7910, 12.3670



95.0310, 27.3600, 65.8560



94.3120, 16.9170, 7.2930



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.



86.0640, 74.1780, 32.3380



87.4010, 116.3100, 50.7260



114.4050, 64.6470, 1.3110



82.8050, 5.0430, 2.2190



47.5710, 86.0520, 37.4120



8.1160, 14.5330, 6.4450

Inverse Universe

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



86.0640, 74.1780, 32.3380



87.4010, 116.3100, 50.7260



107.5950, -64.6470, -1.3110



82.8050, 5.0430, 2.2190



47.5710, 86.0520, 37.4120



8.1160, 14.5330, 6.4450

Previews

White Background



This preview shows how the YIQ color 86.0640, 74.1780, 32.3380 looks on a white background.

Color Contrast Check

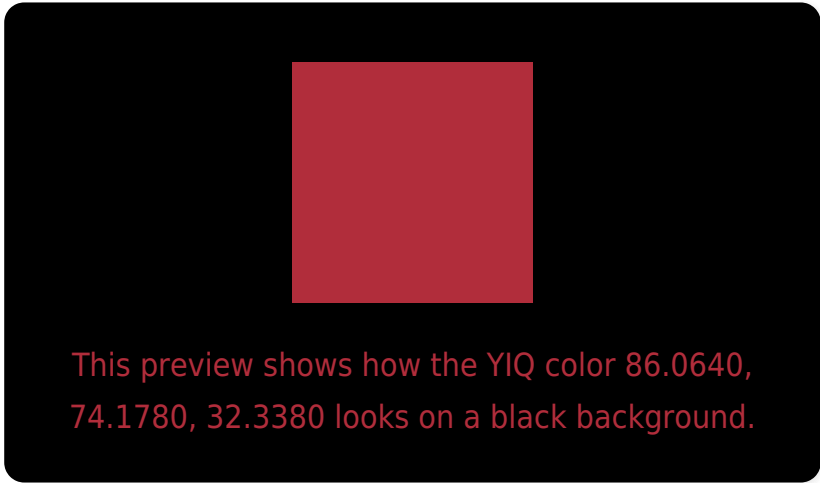
Large Text (above 18pt) WCAG AA ✓ Pass

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 86.0640, 74.1780, 32.3380

Background



This preview shows how black text looks on a background with the YIQ color 86.0640, 74.1780, 32.3380.



This preview shows how white text looks on a background with the YIQ color 86.0640, 74.1780,

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

86.0640, 74.1780, 32.3380

Protanopia

95.8560, 9.0330, -4.0150

Deuteranopia

95.2140, 28.3360, -6.9280



Tritanopia

86.0980, 76.8380, 28.1820

Trichromacy



Original Color

86.0640, 74.1780, 32.3380

Protanomaly

91.9780, 32.5970, 9.4690

Deuteranomaly

91.8560, 44.5640, 7.3480

Tritanomaly

85.9670, 75.8290, 29.9490

Monochromacy



Original Color

86.0640, 74.1780, 32.3380

Achromatopsia

86.0000, -0.0000, -0.0000

Achromatomaly

85.9220, 27.0030, 11.7310

CSS Examples

Text

The CSS property to change the color of the text to YIQ 86.0640, 74.1780, 32.3380 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, 45, 59)` looks like.

```
.text, #text, p{  
    color:rgb(177, 45, 59)  
}
```

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, 45, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 45, 59) }
```

Border

The CSS property to change the border of an element to YIQ 86.0640, 74.1780, 32.3380 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, 45, 59) }
```


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

```
.border{ border-color:rgb(177, 45, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 45, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 45, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 45, 59);  
box-shadow:4px 4px 4px 4px rgb(177, 45,  
59) }
```

Background

The CSS property to change the background color of an element to YIQ 86.0640, 74.1780, 32.3380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 45, 59) }
```

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

```
.background{ background-color: rgb(177, 45,  
59) }
```

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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