

Converting Colors

YIQ(93.6130, 77.0660, 35.0660)

Have a look what the booklet for
YIQ(93.6130, 77.0660, 35.0660)
contains.

YIQ(93.6130, 77.0660, 35.0660)	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(93.6130, 77.0660,
35.0660)**

Conversions

Conversions Part 1

Format	Color
Hex	BD3244
RGB	189, 50, 68
RGB Percent	74%, 20%, 27%
CMY	0.2585, 0.8041, 0.7330
CMYK	0.00, 0.74, 0.64, 0.26
HSL	352°, 58%, 47%
HSV	352°, 74%, 74%
XYZ	23.1917, 13.5245, 6.8689
YIQ	93.6130, 77.0660, 35.0660

Conversions

Conversions Part 2

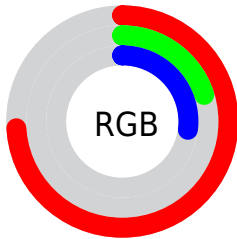
Format	Color
RYB	189, 50, 68
Decimal	12399172
CIELab	43.54, 55.79, 23.04
CIELCh	44, 60.361, 22.443
Yxy	13.5245, 0.5321, 0.3103
Android (android.graphics.Color)	4290589252 (0xFFBD3244)
YUV	93.6130, -12.6272, 83.6544
Hunter-Lab	36.7756, 48.2095, 14.6688

Details

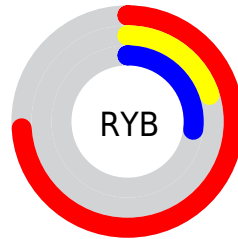
The YIQ color **93.6130, 77.0660, 35.0660** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **145.3870, -77.0660, -35.0660**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.0820, 82.9350, 33.3270**, and **41.4210, 68.8590, 35.1230** is the 20% darker color. If you saturate the color by 10%, you get **80.6360, 87.4270, 40.0270**, and if you desaturate by 10%, it is **106.7040, 66.3840, 30.4160**.

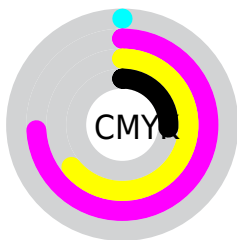
Distribution



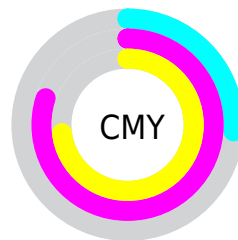
- Red (74%)
- Green (20%)
- Blue (27%)



- Red (74%)
- Yellow (20%)
- Blue (27%)



- Cyan (0%)
- Magenta (74%)
- Yellow (64%)
- Black (26%)





- Cyan (26%)
- Magenta (80%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 93.6130, 77.0660, 35.0660 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 93.6130, 77.0660, 35.0660 by changing the saturation by 10% instead.


 93.6130, 77.0660,
35.0660


 93.6130, 77.0660,
35.0660


255.0000, -0.0000,
-0.0000


 59.8290, 76.6980,
41.7380


 151.0820, 82.9350,
33.3270


 41.5350, 68.5380,
35.4340


 171.6780, 69.2730,
27.6170


 29.6010, 59.0040,
20.9880

 191.0780, 53.2270,
21.0590

 21.0440, 41.3990,
15.1510

 210.5920, 36.8600,
14.8120

 12.3730, 24.1150,
9.0030

 230.8070, 19.8970,
8.3530

 0.0000, 0.0000,
0.0000

 251.1360, 2.6130,

2.2050

■ 93.6130, 77.0660,
35.0660

■ 93.6130, 77.0660,
35.0660

■ 80.6360, 87.4270,
40.0270

■ 106.7040, 66.3840,
30.4160

■ 67.5450, 98.1090,
44.6770

■ 119.6810, 56.0230,
25.4550

■ 59.3610, 104.6190,
47.8430

■ 132.6580, 45.6620,
20.4940

■ 145.7490, 34.9800,
15.8440

■ 158.1390, 24.8940,
11.4060

■ 171.2300, 14.2120,
6.7560

■ 184.2070, 3.8510,
1.7950

■ 197.2980, -6.8310,
-2.8550

■ 210.2750,
-17.1920, -7.8160

Harmonies

Analogous

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



95.4700, 59.1360, 51.6480



93.6130, 77.0660, 35.0660



96.5480, 74.5500, 3.5580

Triad

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



93.6130, 77.0660, 35.0660



74.5440, -44.5560, -51.5640



89.4730, -96.2380, 4.0340

Complementary

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



93.6130, 77.0660, 35.0660



145.3870, -77.0660, -35.0660

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.



92.3620, -91.9720, -7.2040



93.6130, 77.0660, 35.0660



82.8200, -62.3480, -37.4840

Square

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



93.6130, 77.0660, 35.0660



91.7680, 22.5190, -39.1850



89.3350, -79.3150, -21.8350



99.0390, -47.3210, 26.1110

Rectangle

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



93.6130, 77.0660, 35.0660



97.0820, 63.4580, -15.6940



89.3350, -79.3150, -21.8350



91.3650, -96.0540, 0.6980

Sweetspot

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



93.6130, 77.0660, 35.0660



207.9440, 29.9370, 13.6250



102.0250, 27.4970, 68.8810



100.7250, 17.1920, 7.8160



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



93.6130, 77.0660, 35.0660



96.7760, 119.7480, 54.5000



121.4980, 68.8190, 2.7950



87.8050, 5.0430, 2.2190



49.6360, 87.4270, 40.0270



9.7250, 17.1920, 7.8160

Inverse Universe

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



93.6130, 77.0660, 35.0660



96.7760, 119.7480, 54.5000



117.5020, -68.8190, -2.7950



87.8050, 5.0430, 2.2190



49.6360, 87.4270, 40.0270



9.7250, 17.1920, 7.8160

Previews

White Background



This preview shows how the YIQ color 93.6130, 77.0660, 35.0660 looks on a white background.

Color Contrast Check

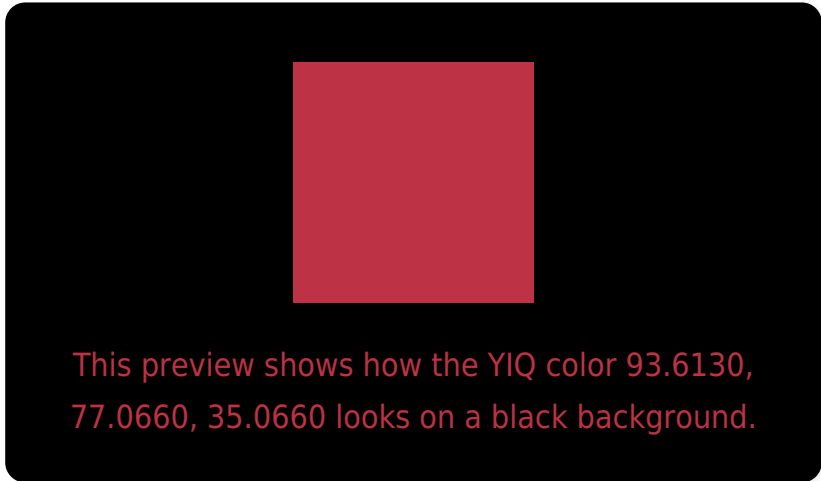
Large Text (above 18pt) WCAG AA ✓ Pass

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 93.6130, 77.0660, 35.0660

Background



This preview shows how black text looks on a background with the YIQ color 93.6130, 77.0660, 35.0660.



This preview shows how white text looks on a background with the YIQ color 93.6130, 77.0660,

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

93.6130, 77.0660, 35.0660

Protanopia

103.3120, 7.7490, -2.7710

Deuteranopia

102.7410, 28.2900, -6.0940



Tritanopia

93.3050, 80.6890, 29.9770

Trichromacy



Original Color

93.6130, 77.0660, 35.0660

Protanomaly

99.9180, 32.8260, 10.8260

Deuteranomaly

99.3940, 45.9850, 9.1290

Tritanomaly

93.2880, 79.3590, 32.0550

Monochromacy



Original Color

93.6130, 77.0660, 35.0660

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

94.0470, 28.1490, 12.9890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 93.6130, 77.0660, 35.0660 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(189, 50, 68)` looks like.

```
.text, #text, p{  
    color:rgb(189, 50, 68)  
}
```

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(189, 50, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 50, 68) }
```

Border

The CSS property to change the border of an element to YIQ 93.6130, 77.0660, 35.0660 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(189, 50, 68) }
```


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

```
.border{ border-color:rgb(189, 50, 68) }
```

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

Here you see how a box with a 4 pixel rgb(189, 50, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 50, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 50, 68);  
box-shadow:4px 4px 4px 4px rgb(189, 50,  
68) }
```

Background

The CSS property to change the background color of an element to YIQ 93.6130, 77.0660, 35.0660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 50, 68) }
```

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

```
.background{ background-color: rgb(189, 50,  
68) }
```

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