

Converting Colors

YIQ(93.3610, 67.9470, 7.5870)

Have a look what the booklet for
YIQ(93.3610, 67.9470, 7.5870)
contains.

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Color

**YIQ(93.3610, 67.9470,
7.5870)**

Conversions

Conversions Part 1

Format	Color
Hex	A3461F
RGB	163, 70, 31
RGB Percent	64%, 27%, 12%
CMY	0.3606, 0.7256, 0.8781
CMYK	0.00, 0.57, 0.81, 0.36
HSL	18°, 68%, 38%
HSV	18°, 81%, 64%
XYZ	17.5506, 12.2666, 2.7443
YIQ	93.3610, 67.9470, 7.5870

Conversions

Conversions Part 2

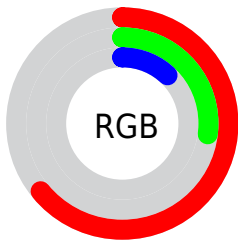
Format	Color
R_{YB}	163, 86, 31
Decimal	10700319
CIE _{Lab}	41.64, 36.29, 40.73
CIE _{LCh}	42, 54.554, 48.304
Yxy	12.2666, 0.5390, 0.3767
Android (android.graphics.Color)	4288890399 (0xFFA3461F)
YUV	93.3610, -30.7440, 61.0734
Hunter-Lab	35.0237, 28.1560, 19.8709

Details

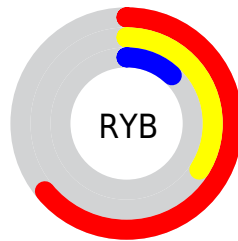
The YIQ color **93.3610, 67.9470, 7.5870** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **100.6390, -67.9470, -7.5870**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.5960, 74.5950, 8.2510**, and **42.5480, 57.3550, 12.3230** is the 20% darker color. If you saturate the color by 10%, you get **84.4930, 76.3830, 8.8870**, and if you desaturate by 10%, it is **101.6420, 59.7860, 6.8100**.

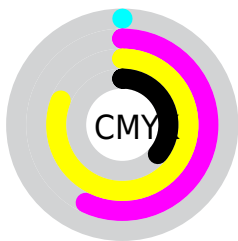
Distribution



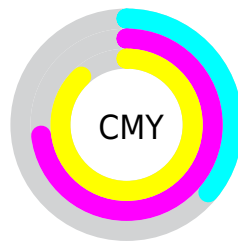
- Red (64%)
- Green (27%)
- Blue (12%)



- Red (64%)
- Yellow (34%)
- Blue (12%)



- Cyan (0%)
- Magenta (57%)
- Yellow (81%)
- Black (36%)



- Cyan (36%)
- Magenta (73%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 93.3610, 67.9470, 7.5870 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 93.3610, 67.9470, 7.5870 by changing the saturation by 10% instead.

93.3610, 67.9470,
7.5870

93.3610, 67.9470,
7.5870

255.0000, -0.0000,
-0.0000

66.9800, 64.6460,
6.8380

146.8950, 75.1910,
8.4630

42.5480, 57.3550,
12.3230

173.9770, 77.8960,
9.0000

22.7240, 45.2960,
16.1120

193.6760, 62.4460,
2.6540

15.0640, 29.4790,
10.9110

212.4890, 46.6750,
-3.3810

0.2990, 0.5960,
0.2120

232.5900, 30.0330,
-10.1510

0.0000, 0.0000,
0.0000

249.8700, 14.4450,

-13.9950

■ 253.0620, 5.4570,
-5.2870

■ 93.3610, 67.9470,
7.5870

■ 93.3610, 67.9470,
7.5870

■ 84.4930, 76.3830,
8.8870

■ 101.6420, 59.7860,
6.8100

■ 76.9130, 83.9480,
9.4520

■ 110.6240, 51.0290,
5.8210

■ 118.9050, 42.8680,
5.0440

■ 127.7730, 34.4320,
3.7440

■ 136.1680, 25.9500,
3.2780

■ 145.0360, 17.5140,
1.9780

■ 153.3170, 9.3530,
1.2010

■ 162.2990, 0.5960,
0.2120

■ 170.5800, -7.5650,
-0.5650

Harmonies

Analogous

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



91.7690, 67.7590, 33.0310



93.3610, 67.9470, 7.5870



92.5970, 54.5180, -18.8740

Triad

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



93.3610, 67.9470, 7.5870



77.6850, -57.5340, -36.6220



92.5990, -52.1340, 19.7220

Complementary

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



93.3610, 67.9470, 7.5870



100.6390, -67.9470, -7.5870

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.



85.1870, -89.6810, 0.8390



93.3610, 67.9470, 7.5870



84.1030, -72.8500, -23.3620

Square

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



93.3610, 67.9470, 7.5870



79.9600, -22.0000, -41.8400



86.9020, -84.8650, -9.3530



101.0430, 8.7500, 39.6780

Rectangle

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



93.3610, 67.9470, 7.5870



90.6930, 36.2720, -29.6160



86.9020, -84.8650, -9.3530



80.1320, -87.8480, 6.1680

Sweetspot

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



93.3610, 67.9470, 7.5870



185.0540, 26.2710, 2.9670



81.2980, 48.1770, 57.5290



90.5520, 16.0010, 1.8650



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



93.3610, 67.9470, 7.5870



103.4010, 106.0010, 11.7690



130.9290, 50.3470, -25.8850



77.4520, 4.5390, 0.3390



68.5960, 74.5950, 8.2510



8.3170, 9.3530, 1.2010

Inverse Universe

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



100.6390, -67.9470, -7.5870



114.5990, -106.0010, -11.7690



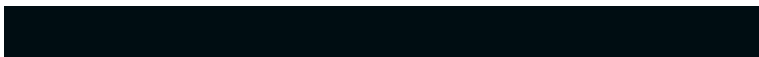
63.0710, -50.3470, 25.8850



77.5480, -4.5390, -0.3390



76.9910, -74.8700, -8.7740



9.6830, -9.3530, -1.2010

Previews

White Background



This preview shows how the YIQ color 93.3610, 67.9470, 7.5870 looks on a white background.

Color Contrast Check

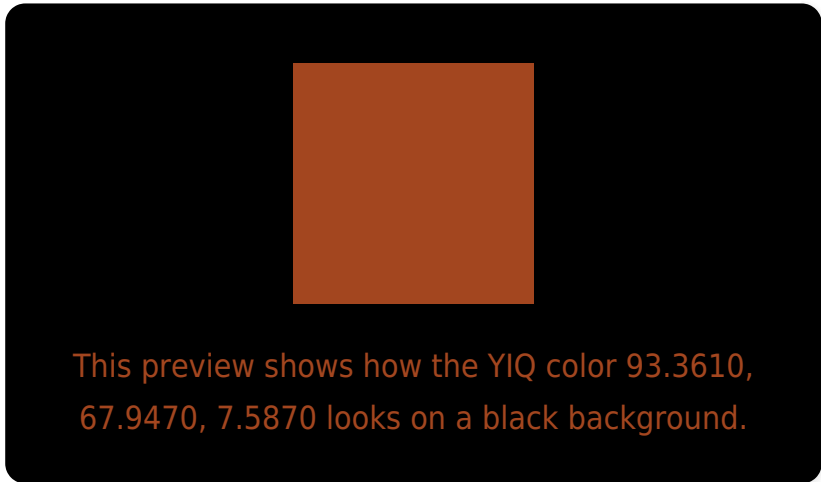
Large Text (above 18pt) WCAG AA ✓ Pass

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 93.3610, 67.9470, 7.5870

Background



This preview shows how black text looks on a background with the YIQ color 93.3610, 67.9470, 7.5870.



This preview shows how white text looks on a background with the YIQ color 93.3610, 67.9470,

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

93.3610, 67.9470, 7.5870

Protanopia

95.4490, 25.8160, -16.3280

Deuteranopia

95.1750, 41.2670, -15.5090



Tritanopia

96.0570, 57.7200, 22.2320

Trichromacy



Original Color

93.3610, 67.9470, 7.5870

Protanomaly

94.3310, 41.1280, -7.4800

Deuteranomaly

94.4200, 51.1230, -6.9010

Tritanomaly

94.7490, 61.3430, 17.1430

Monochromacy



Original Color

93.3610, 67.9470, 7.5870

Achromatopsia

93.0000, -0.0000, -0.0000

Achromatomaly

93.1570, 24.4830, 2.3310

CSS Examples

Text

The CSS property to change the color of the text to YIQ 93.3610, 67.9470, 7.5870 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(163, 70, 31)` looks like.

```
.text, #text, p{  
    color:rgb(163, 70, 31)  
}
```

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(163, 70, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 70, 31) }
```

Border

The CSS property to change the border of an element to YIQ 93.3610, 67.9470, 7.5870 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(163, 70, 31) }
```


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

```
.border{ border-color:rgb(163, 70, 31) }
```

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

Here you see how a box with a 4 pixel rgb(163, 70, 31) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 70, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 70, 31);  
box-shadow:4px 4px 4px 4px rgb(163, 70,  
31) }
```

Background

The CSS property to change the background color of an element to YIQ 93.3610, 67.9470, 7.5870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 70, 31) }
```

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

```
.background{ background-color: rgb(163, 70,  
31) }
```

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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