

Converting Colors

YIQ(31.6150, 38.0530, 9.7090)

Have a look what the booklet for
YIQ(31.6150, 38.0530, 9.7090)
contains.

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Color

**YIQ(31.6150, 38.0530,
9.7090)**

Conversions

Conversions Part 1

Format	Color
Hex	4A0F06
RGB	74, 15, 6
RGB Percent	29%, 6%, 2%
CMY	0.7097, 0.9413, 0.9763
CMYK	0.00, 0.80, 0.92, 0.71
HSL	8°, 85%, 16%
HSV	8°, 92%, 29%
XYZ	3.0303, 1.8114, 0.3634
YIQ	31.6150, 38.0530, 9.7090

Conversions

Conversions Part 2

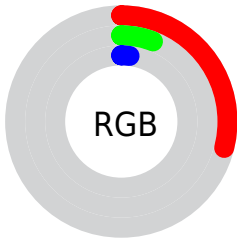
Format	Color
RYB	74, 16, 6
Decimal	4853510
CIELab	14.46, 27.23, 19.74
CIELCh	14, 33.634, 35.941
Yxy	1.8114, 0.5822, 0.3480
Android (android.graphics.Color)	4283043590 (0xFF4A0F06)
YUV	31.6150, -12.6282, 37.1716
Hunter-Lab	13.4588, 16.6364, 7.8204

Details

The YIQ color **31.6150, 38.0530, 9.7090** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **48.3850, -38.0530, -9.7090**, and the grayscale version is **32.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **80.1810, 42.2710, 10.3590**, and **2.6910, 5.3640, 1.9080** is the 20% darker color. If you saturate the color by 10%, you get **27.9960, 41.3540, 10.4580**, and if you desaturate by 10%, it is **35.9350, 34.1560, 8.7480**.

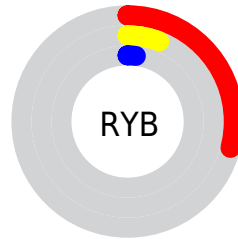
Distribution



Red (29%)

Green (6%)

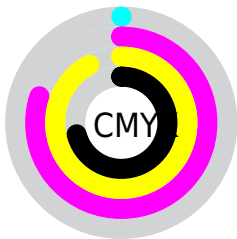
Blue (2%)



Red (29%)

Yellow (6%)

Blue (2%)

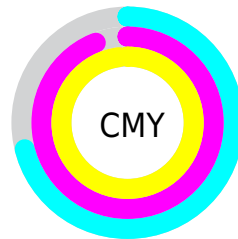


Cyan (0%)

Magenta (80%)

Yellow (92%)

Black (71%)



Cyan (71%)


Magenta (94%)


Yellow (98%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 31.6150, 38.0530, 9.7090 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 31.6150, 38.0530, 9.7090 by changing the saturation by 10% instead.


 31.6150, 38.0530,
9.7090


 31.6150, 38.0530,
9.7090

 248.1550, 9.6290,
-3.8030

 14.6510, 29.2040,
10.3880


 80.4800, 42.8670,
10.5710


 2.6910, 5.3640,
1.9080

 105.2630, 44.9760,
10.8960

 0.0000, 0.0000,
0.0000


 131.3450, 47.6810,
11.4330


 158.1280, 49.7900,
11.7580


 185.4980, 51.6240,
11.5600


 208.3120, 43.2800,


8.5920


 227.8260, 26.9130,
2.3450


 31.6150, 38.0530,
9.7090


 31.6150, 38.0530,
9.7090


 27.9960, 41.3540,
10.4580

 35.9350, 34.1560,
8.7480

 40.9560, 29.6630,
7.5750

 45.2760, 25.7660,
6.6140

 50.2970, 21.2730,
5.4410

 54.6170, 17.3760,
4.4800

■ 59.5240, 13.2040,
2.9960

■ 63.9580, 8.9860,
2.3460

■ 68.2780, 5.0890,
1.3850

■ 73.2990, 0.5960,
0.2120

Harmonies

Analogous

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



30.3070, 33.6490, 23.4490



31.6150, 38.0530, 9.7090



34.6750, 28.6560, -1.7120

Triad

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



31.6150, 38.0530, 9.7090



28.8260, -17.7860, -19.0820



31.8820, -37.4140, 6.2500

Complementary

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



31.6150, 38.0530, 9.7090



48.3850, -38.0530, -9.7090

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.



34.9480, -37.7800, 1.8680



31.6150, 38.0530, 9.7090



32.2630, -26.0860, -11.8300

Square

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



31.6150, 38.0530, 9.7090



30.9220, -0.5010, -18.4610



34.2980, -33.1940, -4.1540



37.2450, -7.3390, 17.3730

Rectangle

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



31.6150, 38.0530, 9.7090



34.6090, 19.8540, -7.3940



34.2980, -33.1940, -4.1540



33.6430, -38.2390, 4.6810

Sweetspot

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



31.6150, 38.0530, 9.7090



79.8340, 15.2670, 4.1550



33.1720, 21.2680, 33.0760



37.9580, 8.9860, 2.3460



176.0000, -0.0000, -0.0000



48.0000, -0.0000, 0.0000

Same Dimension

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



31.6150, 38.0530, 9.7090



36.6340, 54.2370, 13.7650



50.9860, 28.9780, -7.5500



35.7830, 2.1090, 0.3250



38.1290, 57.2170, 14.8250



86.3800, 128.8300, 33.0700

Inverse Universe

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



48.3850, -38.0530, -9.7090



60.3660, -54.2370, -13.7650



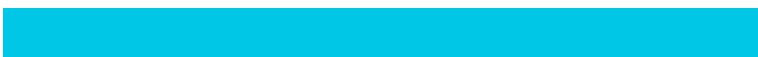
29.0140, -28.9780, 7.5500



36.8040, -2.3840, -0.8480



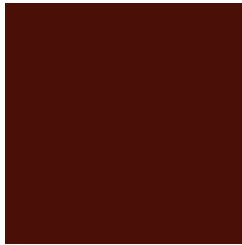
63.8710, -57.2170, -14.8250



143.0330, -128.5550, -32.5470

Previews

White Background



This preview shows how the YIQ color 31.6150, 38.0530, 9.7090 looks on a white background.

Color Contrast Check

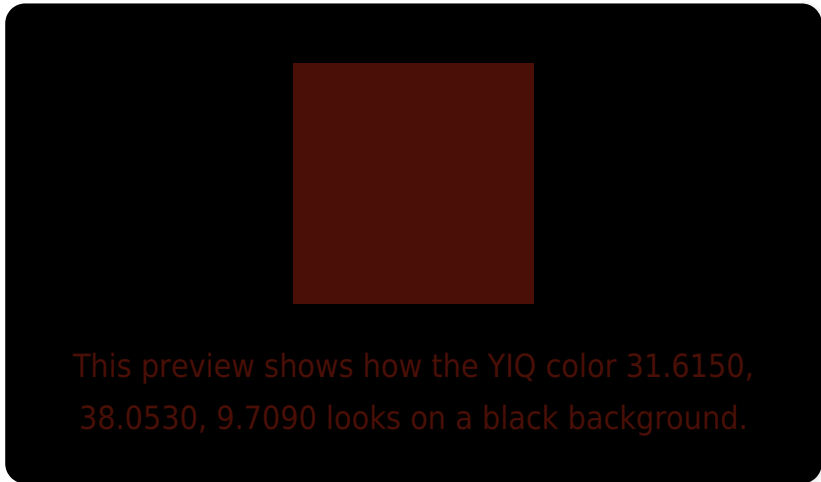
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 31.6150, 38.0530, 9.7090

Background



This preview shows how black text looks on a background with the YIQ color 31.6150, 38.0530, 9.7090.

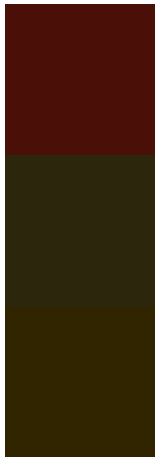


This preview shows how white text looks on a background with the YIQ color 31.6150, 38.0530,

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

31.6150, 38.0530, 9.7090

Protanopia

37.4170, 11.6470, -7.3370

Deuteranopia

36.3700, 19.0290, -8.9630



Tritanopia

31.9400, 35.7600, 12.7200

Trichromacy



Original Color

31.6150, 38.0530, 9.7090

Protanomaly

35.1950, 21.3200, -0.9200

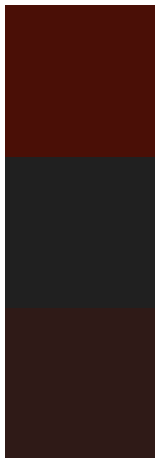
Deuteranomaly

34.5930, 25.9510, -2.2490

Tritanomaly

31.5980, 36.7230, 11.7870

Monochromacy



Original Color

31.6150, 38.0530, 9.7090

Achromatopsia

32.0000, -0.0000, -0.0000

Achromatomaly

31.9370, 13.4790, 3.5190

CSS Examples

Text

The CSS property to change the color of the text to YIQ 31.6150, 38.0530, 9.7090 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(74, 15, 6)` looks like.

```
.text, #text, p{  
    color:rgb(74, 15, 6)  
}
```

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(74, 15, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 15, 6) }
```

Border

The CSS property to change the border of an element to YIQ 31.6150, 38.0530, 9.7090 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(74, 15, 6) }
```


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

```
.border{ border-color:rgb(74, 15, 6) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 15, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 15, 6); -webkit-box-shadow:4px  
4px 4px 4px rgb(74, 15, 6); box-shadow:4px  
4px 4px 4px rgb(74, 15, 6) }
```

Background

The CSS property to change the background color of an element to YIQ 31.6150, 38.0530, 9.7090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 15, 6) }
```

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

```
.background{ background-color: rgb(74, 15,  
6) }
```

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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