

Converting Colors

YIQ(31.1370, 19.2080, 15.3360)

Have a look what the booklet for
YIQ(31.1370, 19.2080, 15.3360)
contains.

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Color

**YIQ(31.1370, 19.2080,
15.3360)**

Conversions

Conversions Part 1

Format	Color
Hex	3B1024
RGB	59, 16, 36
RGB Percent	23%, 6%, 14%
CMY	0.7685, 0.9373, 0.8588
CMYK	0.00, 0.73, 0.39, 0.77
HSL	332°, 57%, 15%
HSV	332°, 73%, 23%
XYZ	2.3091, 1.4282, 1.8243
YIQ	31.1370, 19.2080, 15.3360

Conversions

Conversions Part 2

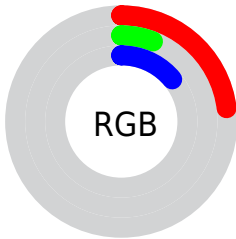
Format	Color
R_{YB}	59, 16, 36
Decimal	3870756
CIE _{Lab}	12.14, 23.50, -2.65
CIE _{LCh}	12, 23.649, 353.561
Yxy	1.4282, 0.4152, 0.2568
Android (android.graphics.Color)	4282060836 (0xFF3B1024)
YUV	31.1370, 2.3975, 24.4359
Hunter-Lab	11.9508, 13.5748, -0.6850

Details

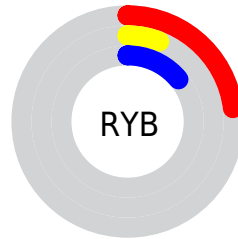
The YIQ color **31.1370, 19.2080, 15.3360** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **43.8630, -19.2080, -15.3360**, and the grayscale version is **31.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **77.2190, 21.9130, 15.8730**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **27.2730, 21.8210, 17.5410**, and if you desaturate by 10%, it is **35.0010, 16.5950, 13.1310**.

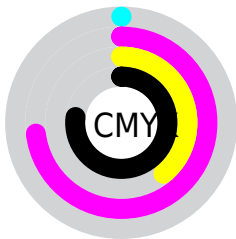
Distribution



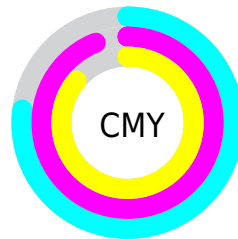
- Red (23%)
- Green (6%)
- Blue (14%)



- Red (23%)
- Yellow (6%)
- Blue (14%)



- Cyan (0%)
- Magenta (73%)
- Yellow (39%)
- Black (77%)



- Cyan (77%)
- Magenta (94%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 31.1370, 19.2080, 15.3360 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 31.1370, 19.2080, 15.3360 by changing the saturation by 10% instead.

■ 31.1370, 19.2080,
15.3360

■ 31.1370, 19.2080,
15.3360

■ 249.7170, 2.4750,
4.7070

■ 13.3710, 18.4290,
12.9330

■ 77.2190, 21.9130,
15.8730

■ 0.0000, 0.0000,
0.0000

■ 101.8170, 23.1050,
16.2970


■ 127.5290, 23.9760,
17.0320


■ 153.5400, 25.4430,
17.9790


■ 180.7250, 26.3600,
17.8800


■ 208.4370, 27.2310,


18.6150


 230.7560, 15.9070,
14.5870


 31.1370, 19.2080,
15.3360


 31.1370, 19.2080,
15.3360


 27.2730, 21.8210,
17.5410


 35.0010, 16.5950,
13.1310


 23.4090, 24.4340,
19.7460

 38.8650, 13.9820,
10.9260

 20.7190, 26.4970,
20.9050

 42.7290, 11.3690,
8.7210

 46.7070, 8.4350,
6.8270

 49.9840, 6.0970,
5.1450

■ 53.8480, 3.4840,
2.9400

■ 57.7120, 0.8710,
0.7350

■ 61.5760, -1.7420,
-1.4700

■ 65.4400, -4.3550,
-3.6750

Harmonies

Analogous

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



33.0800, 6.1870, 14.5310



31.1370, 19.2080, 15.3360



30.4980, 25.2610, 10.2610

Triad

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



31.1370, 19.2080, 15.3360



29.2160, 7.6590, -12.1570



28.9180, -29.0680, -1.8360

Complementary

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



31.1370, 19.2080, 15.3360



43.8630, -19.2080, -15.3360

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.



27.9090, -24.8490, -6.7130



31.1370, 19.2080, 15.3360



25.4250, -9.1670, -15.5910

Square

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



31.1370, 19.2080, 15.3360



30.7660, 17.9740, -6.3620



26.0850, -19.7130, -11.6890



27.8410, -30.1690, 1.5990

Rectangle

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



31.1370, 19.2080, 15.3360



30.2390, 27.1880, 2.8680



26.0850, -19.7130, -11.6890



29.0490, -28.0590, -3.6030

Sweetspot

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



31.1370, 19.2080, 15.3360



65.9950, 7.5640, 6.0920



27.7790, -0.0950, 18.2490



31.5600, 4.3550, 3.6750



166.0000, -0.0000, 0.0000



38.0000, -0.0000, -0.0000

Same Dimension

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



31.1370, 19.2080, 15.3360



32.9800, 30.2560, 24.3680



29.4440, 25.3530, 8.5930



29.0110, 1.4670, 0.9470



33.1220, 41.9000, 33.6120



78.1200, 99.2490, 79.0970

Inverse Universe

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



31.1370, 19.2080, 15.3360



32.9800, 30.2560, 24.3680



45.5560, -25.3530, -8.5930



29.0110, 1.4670, 0.9470



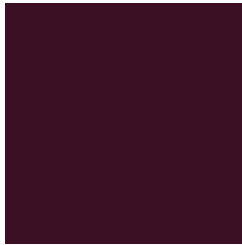
33.1220, 41.9000, 33.6120



78.1200, 99.2490, 79.0970

Previews

White Background



This preview shows how the YIQ color 31.1370, 19.2080, 15.3360 looks on a white background.

Color Contrast Check

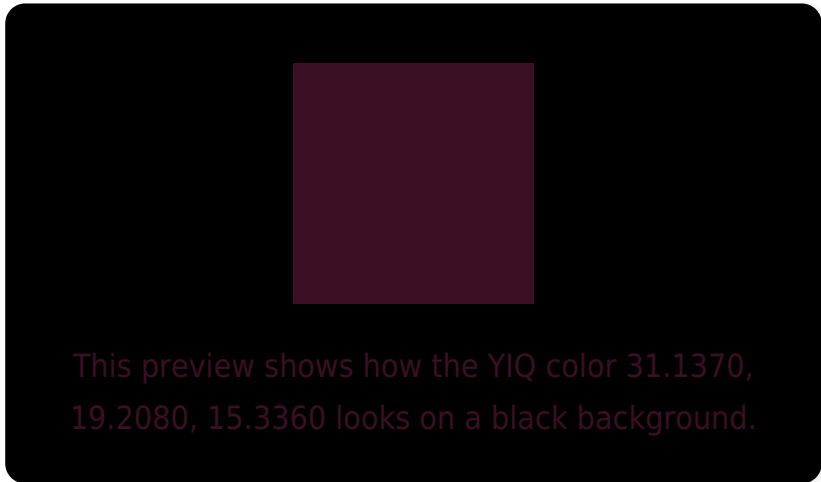
Large Text (above 18pt) WCAG AA ✓ Pass

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

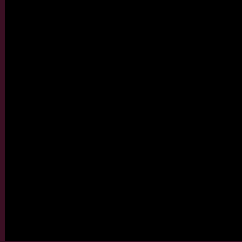
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 31.1370, 19.2080, 15.3360

Background



This preview shows how black text looks on a background with the YIQ color 31.1370, 19.2080, 15.3360.



This preview shows how white text looks on a background with the YIQ color 31.1370, 19.2080,

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

31.1370, 19.2080, 15.3360

Protanopia

33.4000, -6.8780, 3.5060

Deuteranopia

33.4240, 1.7420, 1.4700



Tritanopia

31.4760, 22.3270, 8.3670

Trichromacy



Original Color

31.1370, 19.2080, 15.3360

Protanomaly

32.7110, 2.6120, 7.7320

Deuteranomaly

32.4080, 7.8390, 6.6150

Tritanomaly

31.4590, 20.9970, 10.4450

Monochromacy



Original Color

31.1370, 19.2080, 15.3360

Achromatopsia

31.0000, -0.0000, -0.0000

Achromatomaly

31.2830, 6.6930, 5.3570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 31.1370, 19.2080, 15.3360 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(59, 16, 36)` looks like.

```
.text, #text, p{  
    color:rgb(59, 16, 36)  
}
```

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(59, 16, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 16, 36) }
```

Border

The CSS property to change the border of an element to YIQ 31.1370, 19.2080, 15.3360 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(59, 16, 36) }
```


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

```
.border{ border-color:rgb(59, 16, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 16, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 16, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 16, 36);  
box-shadow:4px 4px 4px 4px rgb(59, 16, 36)  
}
```

Background

The CSS property to change the background color of an element to YIQ 31.1370, 19.2080, 15.3360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 16, 36) }
```

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

```
.background{ background-color: rgb(59, 16,  
36) }
```

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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