

Converting Colors

YIQ(16.0380, -3.1630, -3.2510)

Have a look what the booklet for
YIQ(16.0380, -3.1630, -3.2510)
contains.

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Color

**YIQ(16.0380, -3.1630,
-3.2510)**

Conversions

Conversions Part 1

Format	Color
Hex	0B130E
RGB	11, 19, 14
RGB Percent	4%, 7%, 5%
CMY	0.9569, 0.9255, 0.9451
CMYK	0.42, 0.00, 0.26, 0.93
HSL	143°, 27%, 6%
HSV	142°, 42%, 7%
XYZ	0.4501, 0.5687, 0.5014
YIQ	16.0380, -3.1630, -3.2510

Conversions

Conversions Part 2

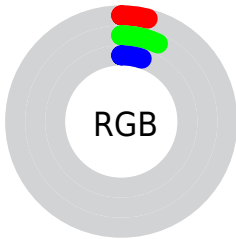
Format	Color
RYB	11, 17, 19
Decimal	725774
CIELab	5.14, -3.70, 1.68
CIELCh	5, 4.068, 155.539
Yxy	0.5687, 0.2961, 0.3741
Android (android.graphics.Color)	4278915854 (0xFF0B130E)
YUV	16.0380, -1.0047, -4.4183
Hunter-Lab	7.5410, -2.5422, 1.3363

Details

The YIQ color **16.0380, -3.1630, -3.2510** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **13.9620, 3.1630, 3.2510**, and the grayscale version is **16.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **58.7500, -2.2920, -2.5160**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **15.3260, -4.0340, -3.9860**, and if you desaturate by 10%, it is **16.7500, -2.2920, -2.5160**.

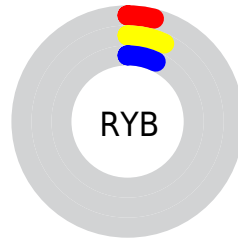
Distribution



Red (4%)

Green (7%)

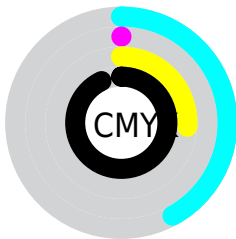
Blue (5%)



Red (4%)

Yellow (7%)

Blue (7%)

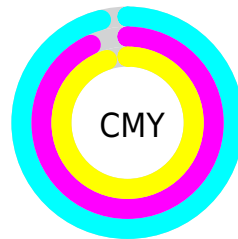


Cyan (42%)

Magenta (0%)

Yellow (26%)

Black (93%)



Cyan (96%)

Magenta (93%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 16.0380, -3.1630, -3.2510 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 16.0380, -3.1630, -3.2510 by changing the saturation by 10% instead.

■ 16.0380, -3.1630,
-3.2510

■ 16.0380, -3.1630,
-3.2510

■ 240.0380, -3.1630,
-3.2510

■ 0.0000, 0.0000,
0.0000

■ 58.7500, -2.2920,
-2.5160

■ 81.7500, -2.2920,
-2.5160

■ 106.0380, -3.1630,
-3.2510

■ 131.0380, -3.1630,
-3.2510

■ 157.0380, -3.1630,
-3.2510

■ 184.0380, -3.1630,

-3.2510

■ 211.9240, -2.8420,
-3.5620

■ 16.0380, -3.1630,
-3.2510

■ 16.0380, -3.1630,
-3.2510

■ 15.3260, -4.0340,
-3.9860

■ 16.7500, -2.2920,
-2.5160

■ 14.6140, -4.9050,
-4.7210

■ 17.4620, -1.4210,
-1.7810

■ 13.7880, -5.4550,
-5.7670

■ 18.2880, -0.8710,
-0.7350

■ 13.0760, -6.3260,
-6.5020

■ 19.0000, -0.0000,
-0.0000

■ 12.3640, -7.1970,
-7.2370

■ 19.4130, 0.2750,
0.5230

■ 11.9510, -7.4720,
-7.7600

■ 20.1250, 1.1460,
1.2580

■ 20.8370, 2.0170,
1.9930

■ 21.6630, 2.5670,
3.0390

■ 22.3750, 3.4380,
3.7740

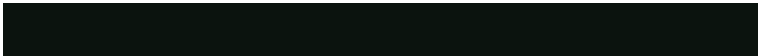
Harmonies

Analogous

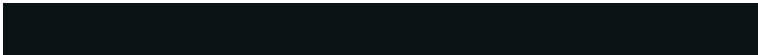
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



16.3050, 0.4590, -2.8130



16.0380, -3.1630, -3.2510



15.5970, -6.2350, -2.6430

Triad

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



16.0380, -3.1630, -3.2510



17.0860, -3.1180, 1.4420



17.4630, 6.0060, 1.2860

Complementary

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



16.0380, -3.1630, -3.2510



13.9620, 3.1630, 3.2510

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.



17.9190, 4.7220, 2.5300



16.0380, -3.1630, -3.2510



17.5810, -0.1380, 2.5020

Square

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



16.0380, -3.1630, -3.2510



16.1780, -6.3730, -0.1410



17.6630, 2.5670, 3.0390



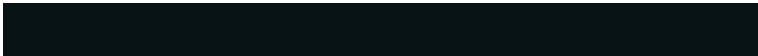
17.4090, 6.0980, -0.3820

Rectangle

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



16.0380, -3.1630, -3.2510



15.5260, -7.4730, -2.2330



17.6630, 2.5670, 3.0390



17.5770, 5.6850, 1.5970

Sweetspot

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



16.0380, -3.1630, -3.2510



24.4620, -1.4210, -1.7810



17.1910, 0.7800, -3.1240



12.1740, -0.5500, -1.0460



140.0000, 0.0000, 0.0000



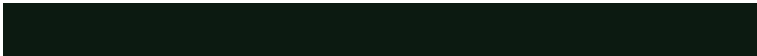
13.0000, -0.0000, -0.0000

Same Dimension

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



16.0380, -3.1630, -3.2510



20.7880, -5.4550, -5.7670



16.4940, -4.4470, -2.0070



9.7010, -0.5960, -0.2120



46.6300, -29.3380, -29.9940



126.6510, -79.6710, -81.4870

Inverse Universe

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



13.9620, 3.1630, 3.2510



17.2120, 5.4550, 5.7670



13.5060, 4.4470, 2.0070



9.4130, 0.2750, 0.5230



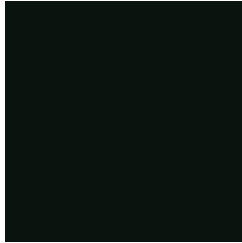
27.3700, 29.3380, 29.9940



74.4630, 79.3500, 81.7980

Previews

White Background



This preview shows how the YIQ color 16.0380, -3.1630, -3.2510 looks on a white background.

Color Contrast Check

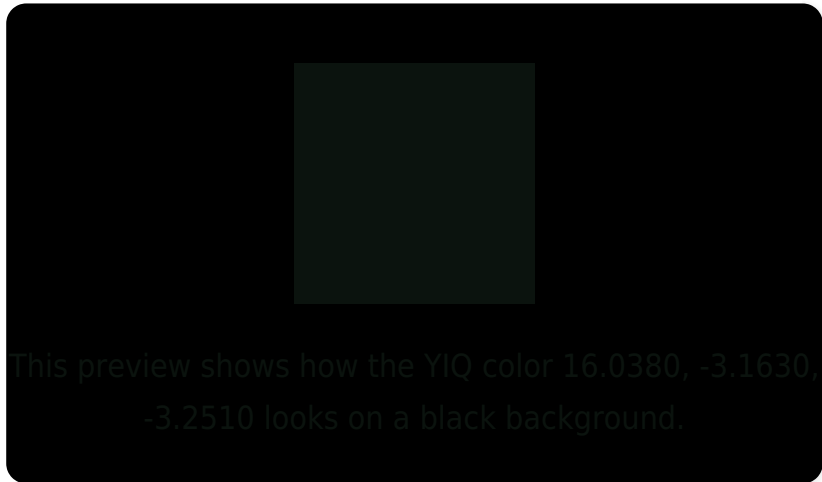
Large Text (above 18pt) WCAG AA ✓ Pass

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

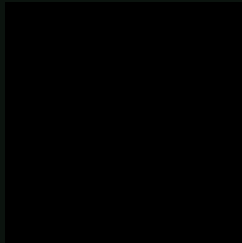
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 16.0380, -3.1630, -3.2510

Background



This preview shows how black text looks on a background with the YIQ color 16.0380, -3.1630, -3.2510.



This preview shows how white text looks on a background with the YIQ color 16.0380, -3.1630,

-3.2510.

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

16.0380, -3.1630, -3.2510

Protanopia

16.8430, 1.8800, -1.0320

Deuteranopia

17.6690, 2.4300, 0.0140



Tritanopia

16.4340, -4.2180, -0.6500

Trichromacy



Original Color

16.0380, -3.1630, -3.2510

Protanomaly

16.5330, -0.1830, -2.1910

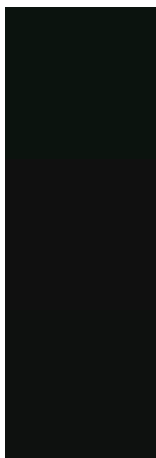
Deuteranomaly

17.3590, 0.3670, -1.1450

Tritanomaly

16.2060, -3.5760, -1.2720

Monochromacy



Original Color

16.0380, -3.1630, -3.2510

Achromatopsia

16.0000, -0.0000, -0.0000

Achromatomaly

15.8750, -1.1460, -1.2580

CSS Examples

Text

The CSS property to change the color of the text to YIQ 16.0380, -3.1630, -3.2510 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(11, 19, 14)` looks like.

```
.text, #text, p{  
    color:rgb(11, 19, 14)  
}
```

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(11, 19, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 19, 14) }
```

Border

The CSS property to change the border of an element to YIQ 16.0380, -3.1630, -3.2510 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(11, 19, 14) }
```


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

```
.border{ border-color:rgb(11, 19, 14) }
```

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

Here you see how a box with a 4 pixel `rgb(11, 19, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 19, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 19, 14);  
box-shadow:4px 4px 4px 4px rgb(11, 19, 14)  
}
```

Background

The CSS property to change the background color of an element to YIQ 16.0380, -3.1630, -3.2510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 19, 14) }
```

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

```
.background{ background-color: rgb(11, 19,  
14) }
```

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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