

Converting Colors

YIQ(63.7430, 7.6130, -11.3230)

Have a look what the booklet for
YIQ(63.7430, 7.6130, -11.3230)
contains.

YIQ(63.7430, 7.6130, -11.3230)	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(63.7430, 7.6130,
-11.3230)**

Conversions

Conversions Part 1

Format	Color
Hex	404524
RGB	64, 69, 36
RGB Percent	25%, 27%, 14%
CMY	0.7491, 0.7294, 0.8588
CMYK	0.07, 0.00, 0.48, 0.73
HSL	69°, 31%, 21%
HSV	69°, 48%, 27%
XYZ	4.5607, 5.4737, 2.4864
YIQ	63.7430, 7.6130, -11.3230

Conversions

Conversions Part 2

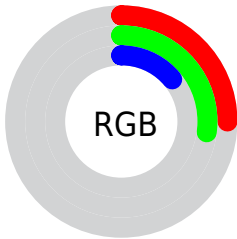
Format	Color
RYB	36, 69, 41
Decimal	4212004
CIELab	28.04, -8.15, 19.20
CIElCh	28, 20.856, 113.009
Yxy	5.4737, 0.3643, 0.4372
Android (android.graphics.Color)	4282402084 (0xFF404524)
YUV	63.7430, -13.6773, 0.2254
Hunter-Lab	23.3959, -6.1465, 10.0762

Details

The YIQ color **63.7430, 7.6130, -11.3230** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **41.2570, -7.6130, 11.3230**, and the grayscale version is **64.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **111.7000, 9.1720, -12.0440**, and **21.5410, 5.3660, -9.1460** is the 20% darker color. If you saturate the color by 10%, you get **62.6460, 9.2640, -13.7120**, and if you desaturate by 10%, it is **64.8400, 5.9620, -8.9340**.

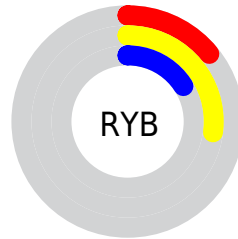
Distribution



Red (25%)

Green (27%)

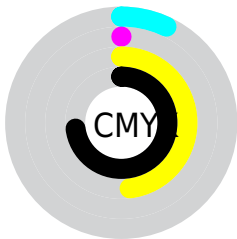
Blue (14%)



Red (14%)

Yellow (27%)

Blue (16%)

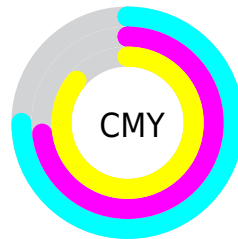


Cyan (7%)

Magenta (0%)

Yellow (48%)

Black (73%)



Cyan (75%)

Magenta (73%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 63.7430, 7.6130, -11.3230 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 63.7430, 7.6130, -11.3230 by changing the saturation by 10% instead.

■ 63.7430, 7.6130,
-11.3230

■ 63.7430, 7.6130,
-11.3230

■ 255.0000, -0.0000,
-0.0000

■ 41.5580, 6.6960,
-11.2240

■ 111.4010, 8.5760,
-12.2560

■ 21.5410, 5.3660,
-9.1460

■ 137.2870, 8.8970,
-12.5670

■ 0.0000, 0.0000,
0.0000

■ 163.4720, 9.8140,
-12.6660

■ 190.3580, 10.1350,
-12.9770

■ 218.2440, 10.4560,
-13.2880

■ 247.1300, 10.7770,

-13.5990

■ 253.2900, 4.8150,
-4.6650

■ 63.7430, 7.6130,
-11.3230

■ 63.7430, 7.6130,
-11.3230

■ 62.6460, 9.2640,
-13.7120

■ 64.8400, 5.9620,
-8.9340

■ 61.5490, 10.9150,
-16.1010

■ 65.9370, 4.3110,
-6.5450

■ 60.4520, 12.5660,
-18.4900

■ 67.0340, 2.6600,
-4.1560

■ 59.3550, 14.2170,
-20.8790

■ 68.1310, 1.0090,
-1.7670

■ 58.3720, 15.5470,
-22.9570

■ 69.2280, -0.6420,
0.6220

■ 58.1440, 16.1890,
-23.5790

■ 70.2110, -1.9720,
2.7000

■ 71.3080, -3.6230,
5.0890

■ 72.4050, -5.2740,
7.4780

■ 73.5020, -6.9250,
9.8670

Harmonies

Analogous

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



65.3640, 19.1660, -5.9380



63.7430, 7.6130, -11.3230



61.5500, -8.0210, -14.3330

Triad

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



63.7430, 7.6130, -11.3230



53.2250, -49.2860, -9.8780



67.8980, 18.3830, 13.7670

Complementary

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



63.7430, 7.6130, -11.3230



41.2570, -7.6130, 11.3230

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.



68.6670, 5.9120, 14.0080



63.7430, 7.6130, -11.3230



62.1400, -29.5730, 1.8110

Square

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



63.7430, 7.6130, -11.3230



52.9170, -45.6630, -14.9670



66.4630, -11.1890, 10.0510



66.8570, 25.6280, 9.1160

Rectangle

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



63.7430, 7.6130, -11.3230



59.0910, -19.8500, -14.7140



66.4630, -11.1890, 10.0510



68.4570, 15.3110, 14.3750

Sweetspot

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



63.7430, 7.6130, -11.3230



87.0340, 2.6600, -4.1560



48.8020, 18.2930, 4.3810



44.7890, 1.9720, -2.7000



173.0000, -0.0000, 0.0000



46.0000, 0.0000, -0.0000

Same Dimension

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



63.7430, 7.6130, -11.3230



81.0930, 12.1990, -17.3450



58.9590, -1.9230, -14.7150



35.2450, 0.6880, -1.4560



83.2290, 22.8390, -33.9690



190.6570, 52.0070, -78.0170

Inverse Universe

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



41.2570, -7.6130, 11.3230



46.2060, -11.6030, 17.5570



46.0410, 1.9230, 14.7150



32.7550, -0.6880, 1.4560



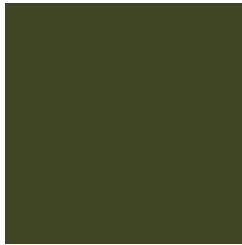
15.7710, -22.8390, 33.9690



36.0440, -52.6030, 77.8050

Previews

White Background



This preview shows how the YIQ color 63.7430, 7.6130, -11.3230 looks on a white background.

Color Contrast Check

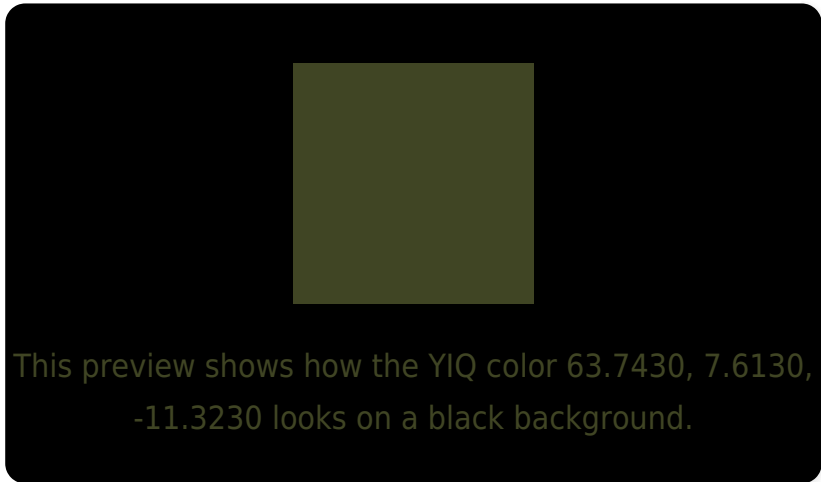
Large Text (above 18pt) WCAG AA ✓ Pass

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

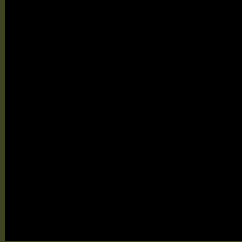
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 63.7430, 7.6130, -11.3230

Background



This preview shows how black text looks on a background with the YIQ color 63.7430, 7.6130, -11.3230.



This preview shows how white text looks on a background with the YIQ color 63.7430, 7.6130,

-11.3230.

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

63.7430, 7.6130, -11.3230

Protanopia

64.5590, 14.1230, -8.1570

Deuteranopia

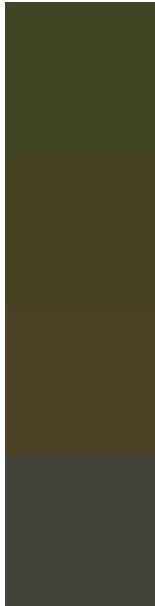
65.4180, 19.0740, -4.2700



Tritanopia

66.4670, 0.1830, 2.1910

Trichromacy



Original Color

63.7430, 7.6130, -11.3230

Protanomaly

64.2490, 12.0600, -9.3160

Deuteranomaly

64.7980, 14.9480, -6.5880

Tritanomaly

65.3870, 3.1640, -2.2760

Monochromacy



Original Color

63.7430, 7.6130, -11.3230

Achromatopsia

64.0000, -0.0000, -0.0000

Achromatomaly

64.0340, 2.6600, -4.1560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 63.7430, 7.6130, -11.3230 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(64, 69, 36)` looks like.

```
.text, #text, p{  
    color:rgb(64, 69, 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(64, 69, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 69, 36) }
```

Border

The CSS property to change the border of an element to YIQ 63.7430, 7.6130, -11.3230 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(64, 69, 36) }
```


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

```
.border{ border-color:rgb(64, 69, 36) }
```

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

Here you see how a box with a 4 pixel rgb(64, 69, 36) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 69, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 69, 36);  
box-shadow:4px 4px 4px 4px rgb(64, 69, 36)  
}
```

Background

The CSS property to change the background color of an element to YIQ 63.7430, 7.6130, -11.3230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 69, 36) }
```

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

```
.background{ background-color: rgb(64, 69,  
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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