

Converting Colors

YIQ(64.1680, 7.6140, -16.8500)

Have a look what the booklet for
YIQ(64.1680, 7.6140, -16.8500)
contains.

YIQ(64.1680, 7.6140, -16.8500)	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(64.1680, 7.6140,
-16.8500)**

Conversions

Conversions Part 1

Format	Color
Hex	3D491B
RGB	61, 73, 27
RGB Percent	24%, 29%, 11%
CMY	0.7608, 0.7137, 0.8940
CMYK	0.16, 0.00, 0.63, 0.71
HSL	76°, 46%, 20%
HSV	76°, 63%, 29%
XYZ	4.5045, 5.8366, 1.9271
YIQ	64.1680, 7.6140, -16.8500

Conversions

Conversions Part 2

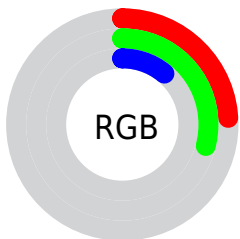
Format	Color
R_{YB}	27, 73, 39
Decimal	4016411
CIE Lab	29.00, -13.01, 25.46
CIE LCh	29, 28.590, 117.065
Yxy	5.8366, 0.3672, 0.4758
Android (android.graphics.Color)	4282206491 (0xFF3D491B)
YUV	64.1680, -18.3238, -2.7783
Hunter-Lab	24.1590, -8.9969, 12.1819

Details

The YIQ color **64.1680, 7.6140, -16.8500** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **35.8320, -7.6140, 16.8500**, and the grayscale version is **64.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **112.7120, 8.8980, -18.0940**, and **22.3940, 1.2860, -12.2980** is the 20% darker color. If you saturate the color by 10%, you get **62.7720, 8.6690, -19.4510**, and if you desaturate by 10%, it is **65.5640, 6.5590, -14.2490**.

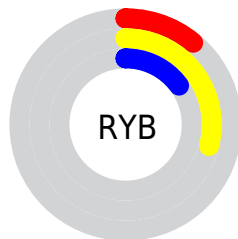
Distribution



Red (24%)

Green (29%)

Blue (11%)



Red (11%)

Yellow (29%)

Blue (15%)

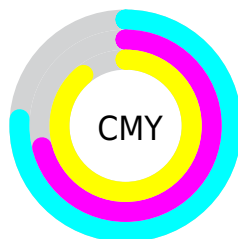


Cyan (16%)

Magenta (0%)

Yellow (63%)

Black (71%)



Cyan (76%)

Magenta (71%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 64.1680, 7.6140, -16.8500 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 64.1680, 7.6140, -16.8500 by changing the saturation by 10% instead.

■ 64.1680, 7.6140,
-16.8500

■ 64.1680, 7.6140,
-16.8500

■ 255.0000, -0.0000,
-0.0000

■ 41.0540, 7.9350,
-17.1610

■ 112.7120, 8.8980,
-18.0940

■ 22.3940, 1.2860,
-12.2980

■ 138.0110, 9.4940,
-17.8820

■ 0.0000, 0.0000,
0.0000

■ 164.4840, 9.5400,
-18.7160

■ 191.3700, 9.8610,
-19.0270

■ 219.2560, 10.1820,
-19.3380

■ 246.2670, 11.6490,

-18.3910

■ 252.1500, 8.0250,
-7.7750

■ 64.1680, 7.6140,
-16.8500

■ 64.1680, 7.6140,
-16.8500

■ 62.7720, 8.6690,
-19.4510

■ 65.5640, 6.5590,
-14.2490

■ 61.2620, 10.0450,
-22.3630

■ 67.0740, 5.1830,
-11.3370

■ 59.8660, 11.1000,
-24.9640

■ 68.4700, 4.1280,
-8.7360

■ 58.9970, 12.1090,
-26.7310

■ 69.8660, 3.0730,
-6.1350

■ 71.3760, 1.6970,
-3.2230

■ 72.4730, 0.0460,
-0.8340

■ 73.8690, -1.0090,
1.7670

■ 75.2650, -2.0640,
4.3680

■ 76.7750, -3.4400,
7.2800

Harmonies

Analogous

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



66.0670, 24.2560, -10.0800



64.1680, 7.6140, -16.8500



59.9680, -15.3100, -19.9020

Triad

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



64.1680, 7.6140, -16.8500



57.1690, -54.8800, -7.6160



68.8500, 27.5060, 19.1380

Complementary

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



64.1680, 7.6140, -16.8500



35.8320, -7.6140, 16.8500

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.



70.6940, 10.4500, 19.8740



64.1680, 7.6140, -16.8500



58.9300, -46.5370, 0.8790

Square

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



64.1680, 7.6140, -16.8500



56.4050, -49.9730, -13.9490



69.0270, -12.6570, 14.6310



68.1140, 35.2100, 11.6740

Rectangle

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



64.1680, 7.6140, -16.8500



52.9850, -40.3430, -23.2790



69.0270, -12.6570, 14.6310



69.4520, 22.8750, 20.4670

Sweetspot

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



64.1680, 7.6140, -16.8500



90.7520, 3.3940, -6.4460



47.7980, 24.1160, 3.4760



46.1480, 2.3390, -3.8450



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.



64.1680, 7.6140, -16.8500



80.5240, 12.0630, -25.8970



57.5900, -5.4980, -21.5140



35.2450, 0.6880, -1.4560



79.9400, 16.2830, -36.3010



183.4810, 37.7030, -83.1050

Inverse Universe

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



35.8320, -7.6140, 16.8500



36.4760, -12.0630, 25.8970



42.7090, 6.0940, 21.7260



32.7550, -0.6880, 1.4560



19.0600, -16.2830, 36.3010



43.5190, -37.7030, 83.1050

Previews

White Background



This preview shows how the YIQ color 64.1680, 7.6140, -16.8500 looks on a white background.

Color Contrast Check

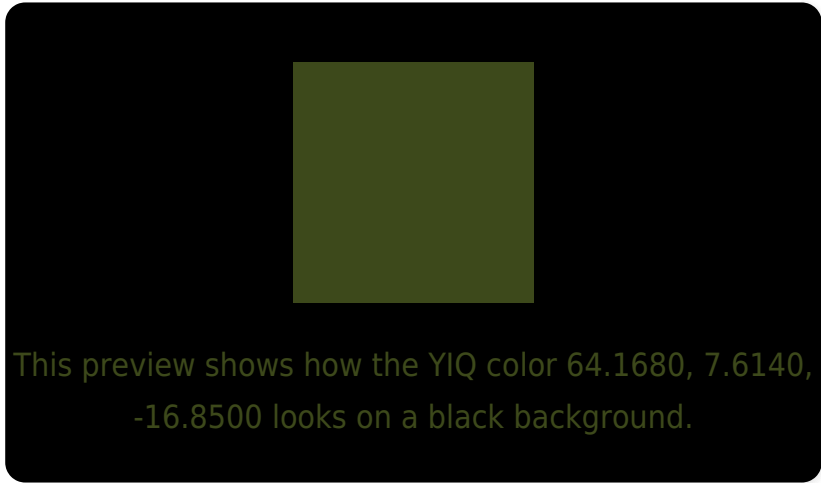
Large Text (above 18pt) WCAG AA ✓ Pass

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

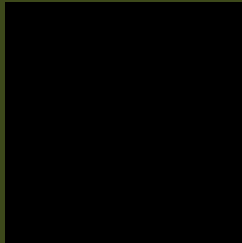
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 64.1680, 7.6140, -16.8500

Background



This preview shows how black text looks on a background with the YIQ color 64.1680, 7.6140, -16.8500.



This preview shows how white text looks on a background with the YIQ color 64.1680, 7.6140,

-16.8500.

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

64.1680, 7.6140, -16.8500

Protanopia

65.6040, 18.2500, -11.3660

Deuteranopia

66.9900, 23.1550, -6.6450



Tritanopia

68.0860, -3.1180, 1.4420

Trichromacy



Original Color

64.1680, 7.6140, -16.8500

Protanomaly

65.2830, 14.7200, -13.4720

Deuteranomaly

65.9460, 17.2870, -10.4330

Tritanomaly

66.7240, 0.5970, -5.3150

Monochromacy



Original Color

64.1680, 7.6140, -16.8500

Achromatopsia

64.0000, -0.0000, -0.0000

Achromatomaly

63.9800, 2.7520, -5.8240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 64.1680, 7.6140, -16.8500 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(61, 73, 27)` looks like.

```
.text, #text, p{  
    color:rgb(61, 73, 27)  
}
```

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(61, 73, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 73, 27) }
```

Border

The CSS property to change the border of an element to YIQ 64.1680, 7.6140, -16.8500 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(61, 73, 27) }
```


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

```
.border{ border-color:rgb(61, 73, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 73, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 73, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 73, 27);  
box-shadow:4px 4px 4px 4px rgb(61, 73, 27)  
}
```

Background

The CSS property to change the background color of an element to YIQ 64.1680, 7.6140, -16.8500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 73, 27) }
```

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

```
.background{ background-color: rgb(61, 73,  
27) }
```

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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