

Converting Colors

YIQ(71.2280, 7.3850, -18.2070)

Have a look what the booklet for
YIQ(71.2280, 7.3850, -18.2070)
contains.

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Color

**YIQ(71.2280, 7.3850,
-18.2070)**

Conversions

Conversions Part 1

Format	Color
Hex	435120
RGB	67, 81, 32
RGB Percent	26%, 32%, 13%
CMY	0.7373, 0.6823, 0.8744
CMYK	0.17, 0.00, 0.60, 0.68
HSL	77°, 43%, 22%
HSV	77°, 60%, 32%
XYZ	5.5174, 7.1828, 2.4633
YIQ	71.2280, 7.3850, -18.2070

Conversions

Conversions Part 2

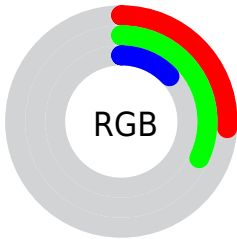
Format	Color
RYB	32, 81, 46
Decimal	4411680
CIELab	32.22, -14.24, 26.57
CIELCh	32, 30.149, 118.194
Yxy	7.1828, 0.3639, 0.4737
Android (android.graphics.Color)	4282601760 (0xFF435120)
YUV	71.2280, -19.3394, -3.7080
Hunter-Lab	26.8008, -10.1539, 13.3110

Details

The YIQ color **71.2280, 7.3850, -18.2070** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **41.7720, -7.3850, 18.2070**, and the grayscale version is **71.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **119.8860, 8.3480, -19.1400**, and **28.0090, 3.8080, -13.9520** is the 20% darker color. If you saturate the color by 10%, you get **69.7180, 8.7610, -21.1190**, and if you desaturate by 10%, it is **72.7380, 6.0090, -15.2950**.

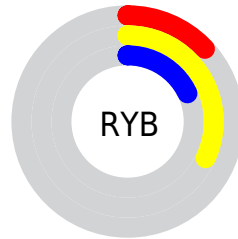
Distribution



Red (26%)

Green (32%)

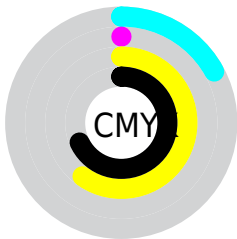
Blue (13%)



Red (13%)

Yellow (32%)

Blue (18%)

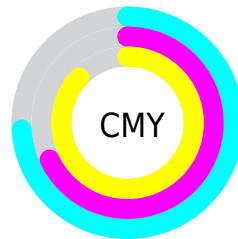


Cyan (17%)

Magenta (0%)

Yellow (60%)

Black (68%)



Cyan (74%)

Magenta (68%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 71.2280, 7.3850, -18.2070 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 71.2280, 7.3850, -18.2070 by changing the saturation by 10% instead.

71.2280, 7.3850,
-18.2070

71.2280, 7.3850,
-18.2070

255.0000, -0.0000,
-0.0000

48.2280, 7.3850,
-18.2070

119.8860, 8.3480,
-19.1400

28.0090, 3.8080,
-13.9520

145.7720, 8.6690,
-19.4510

8.8050, -4.1250,
-7.8450

172.5440, 9.3110,
-20.0730

0.0000, 0.0000,
0.0000

200.3160, 9.9530,
-20.6950

228.2020, 10.2740,
-21.0060

249.4570, 14.1700,

-14.5180

252.9480, 5.7780,
-5.5980

71.2280, 7.3850,
-18.2070

71.2280, 7.3850,
-18.2070

69.7180, 8.7610,
-21.1190

72.7380, 6.0090,
-15.2950

67.9090, 9.5410,
-24.2430

74.5470, 5.2290,
-12.1710

66.3990, 10.9170,
-27.1550

76.0570, 3.8530,
-9.2590

64.8890, 12.2930,
-30.0670

77.5670, 2.4770,
-6.3470

79.4900, 1.3760,
-2.9120

■ 81.0000, -0.0000,
0.0000

■ 82.5100, -1.3760,
2.9120

■ 84.3190, -2.1560,
6.0360

■ 85.8290, -3.5320,
8.9480

Harmonies

Analogous

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



73.6110, 25.5400, -11.3240



71.2280, 7.3850, -18.2070



66.3590, -17.9690, -21.2730

Triad

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



71.2280, 7.3850, -18.2070



63.1190, -60.6110, -8.3790



76.4590, 30.1650, 20.5090

Complementary

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



71.2280, 7.3850, -18.2070



41.7720, -7.3850, 18.2070

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.



78.4170, 12.7880, 21.5560



71.2280, 7.3850, -18.2070



67.5710, -46.9040, 2.0240

Square

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



71.2280, 7.3850, -18.2070



62.1270, -55.0620, -15.3340



76.9670, -12.4280, 15.9880



75.8970, 37.3190, 11.9990

Rectangle

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



71.2280, 7.3850, -18.2070



58.4790, -44.7900, -25.2860



76.9670, -12.4280, 15.9880



77.6480, 25.2590, 21.3150

Sweetspot

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



71.2280, 7.3850, -18.2070



101.0400, 2.5230, -7.1810



54.8690, 25.3540, 3.0660



51.4360, 1.4680, -4.5800



181.0000, -0.0000, 0.0000



54.0000, -0.0000, 0.0000

Same Dimension

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



71.2280, 7.3850, -18.2070



89.6440, 11.6050, -28.6110



64.0520, -6.9190, -23.2950



40.2450, 0.6880, -1.4560



84.0600, 15.8250, -39.0150



185.8180, 35.1360, -86.1440

Inverse Universe

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



41.7720, -7.3850, 18.2070



43.3560, -11.6050, 28.6110



48.9480, 6.9190, 23.2950



37.7550, -0.6880, 1.4560



20.9400, -15.8250, 39.0150



46.1820, -35.1360, 86.1440

Previews

White Background



This preview shows how the YIQ color 71.2280, 7.3850, -18.2070 looks on a white background.

Color Contrast Check

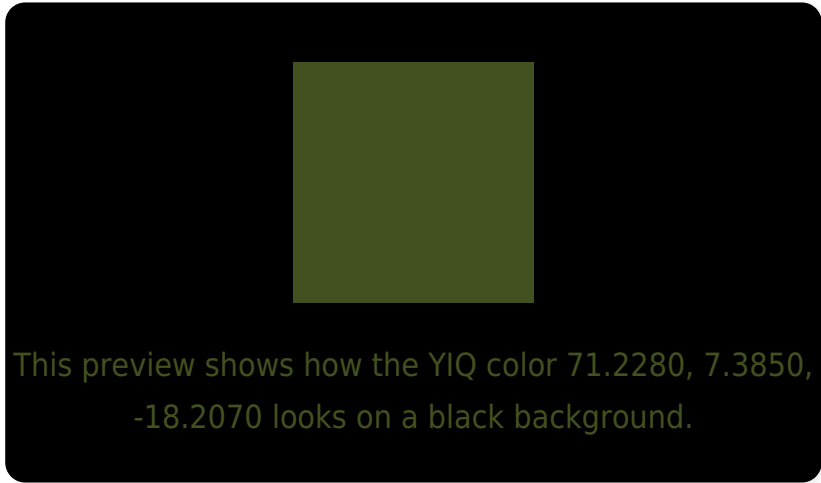
Large Text (above 18pt) WCAG AA ✓ Pass

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

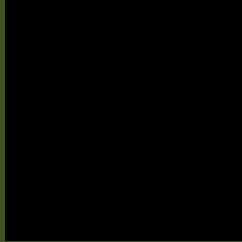
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 71.2280, 7.3850, -18.2070

Background



This preview shows how black text looks on a background with the YIQ color 71.2280, 7.3850, -18.2070.



This preview shows how white text looks on a background with the YIQ color 71.2280, 7.3850,

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

71.2280, 7.3850, -18.2070

Protanopia

73.2620, 19.2130, -12.2990

Deuteranopia

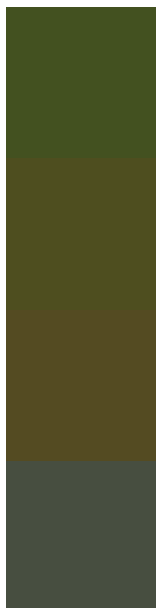
74.3600, 24.9890, -6.8430



Tritanopia

75.7870, -3.7140, 1.2300

Trichromacy



Original Color

71.2280, 7.3850, -18.2070

Protanomaly

72.6420, 15.0870, -14.6170

Deuteranomaly

73.0170, 18.5250, -10.8430

Tritanomaly

74.3110, 0.3220, -5.8380

Monochromacy



Original Color

71.2280, 7.3850, -18.2070

Achromatopsia

71.0000, -0.0000, -0.0000

Achromatomaly

71.4530, 2.7980, -6.6580

CSS Examples

Text

The CSS property to change the color of the text to YIQ 71.2280, 7.3850, -18.2070 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(67, 81, 32)` looks like.

```
.text, #text, p{  
    color:rgb(67, 81, 32)  
}
```

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(67, 81, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 81, 32) }
```

Border

The CSS property to change the border of an element to YIQ 71.2280, 7.3850, -18.2070 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(67, 81, 32) }
```


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

```
.border{ border-color:rgb(67, 81, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 81, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 81, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 81, 32);  
box-shadow:4px 4px 4px 4px rgb(67, 81, 32)  
}
```

Background

The CSS property to change the background color of an element to YIQ 71.2280, 7.3850, -18.2070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 81, 32) }
```

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

```
.background{ background-color: rgb(67, 81,  
32) }
```

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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