

Converting Colors

YIQ(77.0430, 15.6360, -8.0440)

Have a look what the booklet for
YIQ(77.0430, 15.6360, -8.0440)
contains.

YIQ(77.0430, 15.6360, -8.0440)	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(77.0430, 15.6360,
-8.0440)**

Conversions

Conversions Part 1

Format	Color
Hex	574E2E
RGB	87, 78, 46
RGB Percent	34%, 31%, 18%
CMY	0.6588, 0.6941, 0.8195
CMYK	0.00, 0.10, 0.47, 0.66
HSL	47°, 31%, 26%
HSV	47°, 47%, 34%
XYZ	7.1482, 7.6719, 3.6911
YIQ	77.0430, 15.6360, -8.0440

Conversions

Conversions Part 2

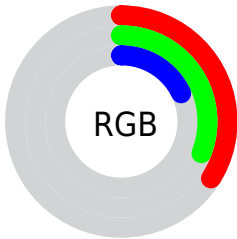
Format	Color
R_{YB}	58, 87, 46
Decimal	5721646
CIE _{Lab}	33.29, -1.41, 20.25
CIE _{LCh}	33, 20.303, 93.968
Yxy	7.6719, 0.3862, 0.4144
Android (android.graphics.Color)	4283911726 (0xFF574E2E)
YUV	77.0430, -15.3042, 8.7323
Hunter-Lab	27.6982, -2.4056, 11.4876

Details

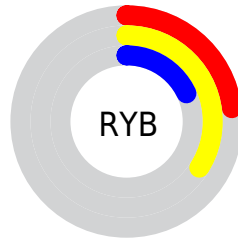
The YIQ color **77.0430, 15.6360, -8.0440** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **55.9570, -15.6360, 8.0440**, and the grayscale version is **77.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **126.2990, 17.7910, -8.5530**, and **32.2170, 15.0860, -9.0900** is the 20% darker color. If you saturate the color by 10%, you get **74.8430, 19.0750, -9.7970**, and if you desaturate by 10%, it is **79.2430, 12.1970, -6.2910**.

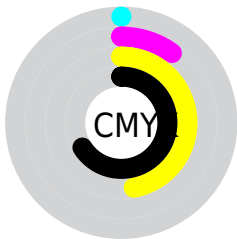
Distribution



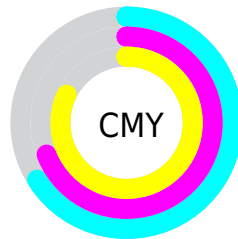
- Red (34%)
- Green (31%)
- Blue (18%)



- Red (23%)
- Yellow (34%)
- Blue (18%)



- Cyan (0%)
- Magenta (10%)
- Yellow (47%)
- Black (66%)



- Cyan (66%)
- Magenta (69%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 77.0430, 15.6360, -8.0440 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 77.0430, 15.6360, -8.0440 by changing the saturation by 10% instead.

■ 77.0430, 15.6360,
-8.0440

■ 77.0430, 15.6360,
-8.0440

■ 255.0000, -0.0000,
-0.0000

■ 53.9720, 14.3980,
-7.6340

■ 126.2990, 17.7910,
-8.5530

■ 32.2170, 15.0860,
-9.0900

■ 152.1850, 18.1120,
-8.8640

■ 11.2300, 5.0440,
-3.3080

■ 178.7830, 19.3040,
-8.4400

■ 0.0000, 0.0000,
0.0000

■ 206.6690, 19.6250,
-8.7510

■ 234.8540, 20.5420,
-8.8500

■ 251.5800, 9.6300,

-9.3300

254.8860, 0.3210,
-0.3110

■ 77.0430, 15.6360,
-8.0440

■ 77.0430, 15.6360,
-8.0440

■ 74.8430, 19.0750,
-9.7970

■ 79.2430, 12.1970,
-6.2910

■ 72.7570, 22.1930,
-11.2390

■ 81.3290, 9.0790,
-4.8490

■ 70.5570, 25.6320,
-12.9920

■ 83.5290, 5.6400,
-3.0960

■ 68.3570, 29.0710,
-14.7450

■ 85.7290, 2.2010,
-1.3430

■ 66.2710, 32.1890,
-16.1870

■ 87.9290, -1.2380,
0.4100

■ 65.9290, 33.1520,
-17.1200

■ 89.4280, -4.0810,
2.3750

■ 91.6280, -7.5200,
4.1280

■ 93.8280, -10.9590,
5.8810

■ 95.9140, -14.0770,
7.3230

Harmonies

Analogous

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



78.1630, 24.3460, -0.6940



77.0430, 15.6360, -8.0440



75.4650, 2.5240, -12.7080

Triad

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



77.0430, 15.6360, -8.0440



66.8080, -43.7380, -11.3060



80.4180, 11.0470, 14.5590

Complementary

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



77.0430, 15.6360, -8.0440



55.9570, -15.6360, 8.0440

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.



79.6380, -4.3120, 12.0720



77.0430, 15.6360, -8.0440



71.3730, -37.7790, -3.6590

Square

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



77.0430, 15.6360, -8.0440



69.1590, -31.7250, -14.2610



76.5540, -21.8710, 5.4010



80.1110, 22.0970, 12.5370

Rectangle

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



77.0430, 15.6360, -8.0440



73.6640, -8.3420, -14.0220



76.5540, -21.8710, 5.4010



80.8520, 6.8290, 13.9090

Sweetspot

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



77.0430, 15.6360, -8.0440



108.4150, 5.9610, -3.4070



59.3990, 21.2260, 11.8020



53.8000, 3.4390, -1.7530



184.0000, 0.0000, -0.0000



56.0000, -0.0000, 0.0000

Same Dimension

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



77.0430, 15.6360, -8.0440



96.4860, 24.3940, -12.5820



79.0370, 6.6050, -15.0830



41.9570, 1.5590, -0.7210



81.3010, 40.6720, -21.2480



177.6860, 89.7350, -45.8890

Inverse Universe

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



55.9570, -15.6360, 8.0440



63.5140, -24.3940, 12.5820



53.9630, -6.6050, 15.0830



40.0430, -1.5590, 0.7210



26.2860, -40.9470, 20.7250



57.3140, -89.7350, 45.8890

Previews

White Background



This preview shows how the YIQ color 77.0430, 15.6360, -8.0440 looks on a white background.

Color Contrast Check

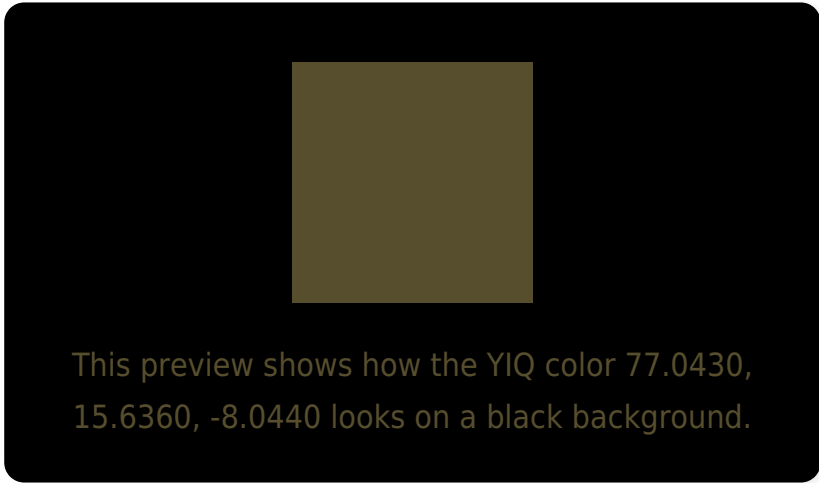
Large Text (above 18pt) WCAG AA ✓ Pass

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

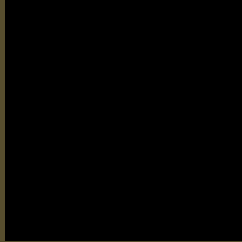
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 77.0430, 15.6360, -8.0440

Background



This preview shows how black text looks on a background with the YIQ color 77.0430, 15.6360, -8.0440.



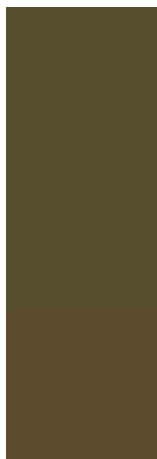
This preview shows how white text looks on a background with the YIQ color 77.0430, 15.6360,

-8.0440.

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

77.0430, 15.6360, -8.0440

Protanopia

76.7440, 15.0400, -8.2560

Deuteranopia

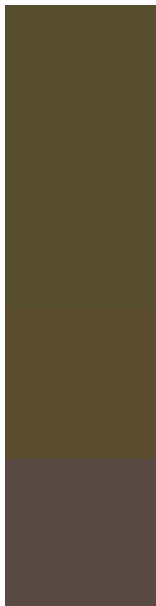
77.7880, 20.9080, -4.4680



Tritanopia

79.4680, 7.6100, 5.2580

Trichromacy



Original Color

77.0430, 15.6360, -8.0440

Protanomaly

76.7440, 15.0400, -8.2560

Deuteranomaly

77.4780, 18.8450, -5.6270

Tritanomaly

78.3880, 10.5910, 0.7910

Monochromacy



Original Color

77.0430, 15.6360, -8.0440

Achromatopsia

77.0000, -0.0000, -0.0000

Achromatomaly

76.9420, 5.9150, -2.5730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 77.0430, 15.6360, -8.0440 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(87, 78, 46)` looks like.

```
.text, #text, p{  
    color:rgb(87, 78, 46)  
}
```

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(87, 78, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 78, 46) }
```

Border

The CSS property to change the border of an element to YIQ 77.0430, 15.6360, -8.0440 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(87, 78, 46) }
```


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

```
.border{ border-color:rgb(87, 78, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 78, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 78, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 78, 46);  
box-shadow:4px 4px 4px 4px rgb(87, 78, 46)  
}
```

Background

The CSS property to change the background color of an element to YIQ 77.0430, 15.6360, -8.0440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 78, 46) }
```

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

```
.background{ background-color: rgb(87, 78,  
46) }
```

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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