

Converting Colors

YIQ(44.4650, 38.0550, -1.3450)

Have a look what the booklet for
YIQ(44.4650, 38.0550, -1.3450)
contains.

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Color

**YIQ(44.4650, 38.0550,
-1.3450)**

Conversions

Conversions Part 1

Format	Color
Hex	502300
RGB	80, 35, 0
RGB Percent	31%, 14%, 0%
CMY	0.6862, 0.8628, 0.9998
CMYK	0.00, 0.56, 1.00, 0.69
HSL	26°, 100%, 16%
HSV	26°, 100%, 31%
XYZ	3.9108, 2.9075, 0.3564
YIQ	44.4650, 38.0550, -1.3450

Conversions

Conversions Part 2

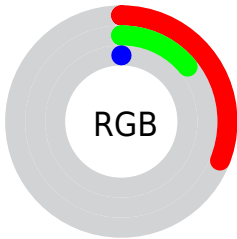
Format	Color
RYB	80, 62, 0
Decimal	5251840
CIELab	19.67, 18.87, 28.82
CIELCh	20, 34.443, 56.784
Yxy	2.9075, 0.5451, 0.4052
Android (android.graphics.Color)	4283441920 (0xFF502300)
YUV	44.4650, -21.9212, 31.1642
Hunter-Lab	17.0513, 11.1004, 10.6967

Details

The YIQ color **44.4650, 38.0550, -1.3450** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **35.5350, -38.0550, 1.3450**, and the grayscale version is **45.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **92.9710, 42.5020, 0.6620**, and **9.3830, 18.1550, 6.8830** is the 20% darker color. If you saturate the color by 10%, you get **44.4650, 38.0550, -1.3450**, and if you desaturate by 10%, it is **47.7250, 34.3870, -0.9490**.

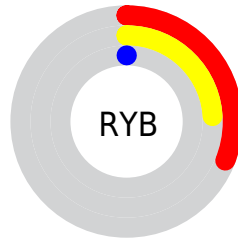
Distribution



Red (31%)

Green (14%)

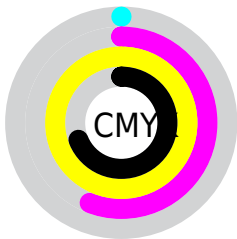
Blue (0%)



Red (31%)

Yellow (24%)

Blue (0%)

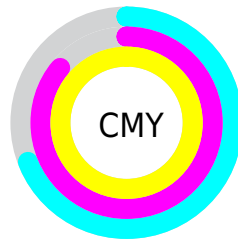


Cyan (0%)

Magenta (56%)

Yellow (100%)

Black (69%)



Cyan (69%)

Magenta (86%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 44.4650, 38.0550, -1.3450 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 44.4650, 38.0550, -1.3450 by changing the saturation by 10% instead.

■ 44.4650, 38.0550,
-1.3450

■ 44.4650, 38.0550,
-1.3450

■ 251.8080, 8.9880,
-8.7080

■ 24.3640, 28.3340,
4.1260

■ 92.9710, 42.5020,
0.6620

■ 9.3830, 18.1550,
6.8830

■ 117.7540, 44.6110,
0.9870

■ 0.0000, 0.0000,
0.0000

■ 143.8360, 47.3160,
1.5240

■ 170.6190, 49.4250,
1.8490

■ 198.1030, 50.9380,
1.9620

■ 219.7100, 38.7430,

-2.8010

■ 239.2240, 22.3760,
-9.0480

■ 44.4650, 38.0550,
-1.3450

■ 47.7250, 34.3870,
-0.9490

■ 51.5720, 30.4440,
-1.0760

■ 55.4190, 26.5010,
-1.2030

■ 58.6790, 22.8330,
-0.8070

■ 62.5260, 18.8900,
-0.9340

■ 65.7860, 15.2220,
-0.5380

■ 69.6330, 11.2790,
-0.6650

■ 72.8930, 7.6110,
-0.2690

■ 76.7400, 3.6680,
-0.3960

Harmonies

Analogous

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



43.7880, 39.2440, 15.6600



44.4650, 38.0550, -1.3450



44.9530, 24.5770, -10.3910

Triad

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



44.4650, 38.0550, -1.3450



39.6490, -30.3490, -17.1730



47.2160, -17.5630, 15.4370

Complementary

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



44.4650, 38.0550, -1.3450



35.5350, -38.0550, 1.3450

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.



41.6960, -45.7580, 3.2820



44.4650, 38.0550, -1.3450



42.6130, -38.6950, -9.0870

Square

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



44.4650, 38.0550, -1.3450



35.5110, -21.4530, -24.2130



43.7190, -44.5650, -1.8210



48.6990, 12.0540, 23.8460

Rectangle

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



44.4650, 38.0550, -1.3450



43.9900, 13.9870, -16.7090



43.7190, -44.5650, -1.8210



43.3280, -32.7380, 9.6140

Sweetspot

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



44.4650, 38.0550, -1.3450



90.7860, 15.2220, -0.5380



29.0500, 33.2350, 30.9550



45.2630, 9.4450, -0.4670



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.



44.4650, 38.0550, -1.3450



58.3970, 49.9300, -1.7980



67.9450, 27.0550, -22.2650



39.3700, 1.8340, -0.1980



128.6550, 110.4970, -3.6390

Inverse Universe

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



35.5350, -38.0550, 1.3450



46.6030, -49.9300, 1.7980



12.0550, -27.0550, 22.2650



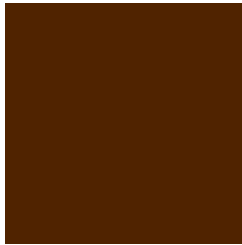
38.6300, -1.8340, 0.1980



103.3450, -110.4970, 3.6390

Previews

White Background



This preview shows how the YIQ color 44.4650, 38.0550, -1.3450 looks on a white background.

Color Contrast Check

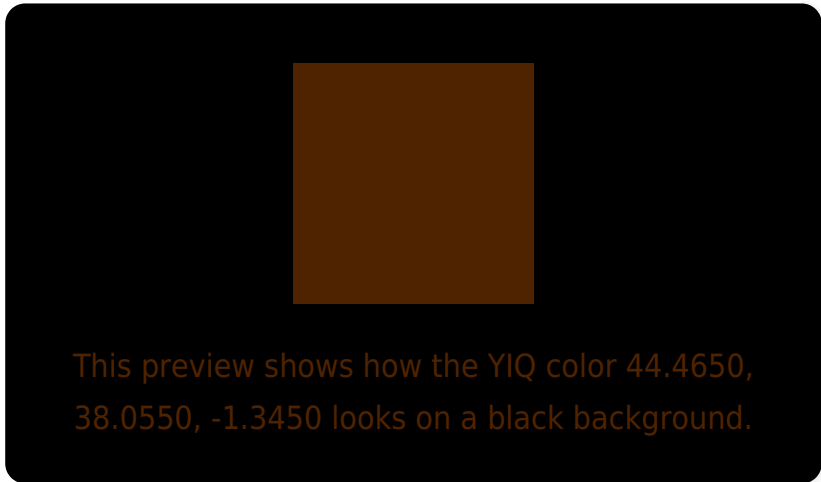
Large Text (above 18pt) WCAG AA ✓ Pass

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

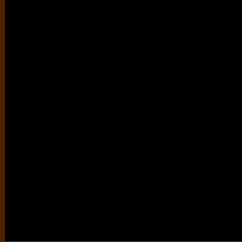
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 44.4650, 38.0550, -1.3450

Background



This preview shows how black text looks on a background with the YIQ color 44.4650, 38.0550, -1.3450.



This preview shows how white text looks on a background with the YIQ color 44.4650, 38.0550,

-1.3450.

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

44.4650, 38.0550, -1.3450

Protanopia

46.1200, 16.7370, -11.4790

Deuteranopia

45.5400, 24.3020, -10.9140



Tritanopia

47.5800, 27.9660, 10.7980

Trichromacy



Original Color

44.4650, 38.0550, -1.3450

Protanomaly

45.5340, 24.4390, -7.8890

Deuteranomaly

45.2850, 29.5740, -7.3380

Tritanomaly

46.6850, 31.8640, 6.2320

Monochromacy



Original Color

44.4650, 38.0550, -1.3450

Achromatopsia

44.0000, -0.0000, -0.0000

Achromatomaly

44.3020, 13.7090, -0.6510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 44.4650, 38.0550, -1.3450 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(80, 35, 0)` looks like.

```
.text, #text, p{  
    color:rgb(80, 35, 0)  
}
```

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(80, 35, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 35, 0) }
```

Border

The CSS property to change the border of an element to YIQ 44.4650, 38.0550, -1.3450 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(80, 35, 0) }
```

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

```
.border{ border-color:rgb(80, 35, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 35, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 35, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(80, 35, 0); box-shadow:4px  
4px 4px 4px rgb(80, 35, 0) }
```

Background

The CSS property to change the background color of an element to YIQ 44.4650, 38.0550, -1.3450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 35, 0) }
```

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

```
.background{ background-color: rgb(80, 35,  
0) }
```

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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