

Converting Colors

YIQ(85.3860, 39.2950, -12.8090)

Have a look what the booklet for
YIQ(85.3860, 39.2950, -12.8090)
contains.

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Color

**YIQ(85.3860, 39.2950,
-12.8090)**

Conversions

Conversions Part 1

Format	Color
Hex	735314
RGB	115, 83, 20
RGB Percent	45%, 33%, 8%
CMY	0.5490, 0.6746, 0.9214
CMYK	0.00, 0.28, 0.83, 0.55
HSL	40°, 70%, 26%
HSV	40°, 83%, 45%
XYZ	10.2904, 9.8806, 2.0290
YIQ	85.3860, 39.2950, -12.8090

Conversions

Conversions Part 2

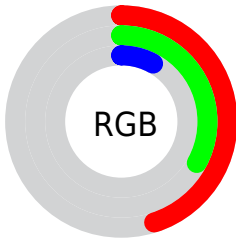
Format	Color
R_{YB}	68, 115, 20
Decimal	7557908
CIE _{Lab}	37.63, 7.15, 39.44
CIE _{LCh}	38, 40.080, 79.718
Yxy	9.8806, 0.4635, 0.4451
Android (android.graphics.Color)	4285747988 (0xFF735314)
YUV	85.3860, -32.2353, 25.9715
Hunter-Lab	31.4334, 3.4274, 18.1762

Details

The YIQ color **85.3860, 39.2950, -12.8090** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **49.6140, -39.2950, 12.8090**, and the grayscale version is **86.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **136.0660, 43.1920, -11.8480**, and **41.1430, 27.0980, -6.5180** is the 20% darker color. If you saturate the color by 10%, you get **81.7840, 43.9260, -14.1380**, and if you desaturate by 10%, it is **89.1020, 34.3430, -11.1690**.

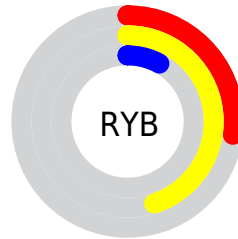
Distribution



Red (45%)

Green (33%)

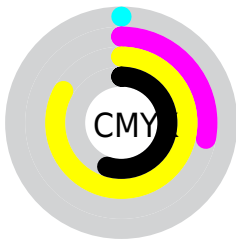
Blue (8%)



Red (27%)

Yellow (45%)

Blue (8%)

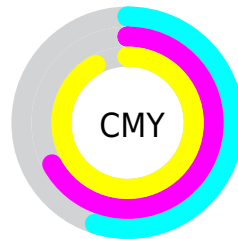


Cyan (0%)

Magenta (28%)

Yellow (83%)

Black (55%)



Cyan (55%)

Magenta (67%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 85.3860, 39.2950, -12.8090 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 85.3860, 39.2950, -12.8090 by changing the saturation by 10% instead.

85.3860, 39.2950,
-12.8090

85.3860, 39.2950,
-12.8090

255.0000, -0.0000,
-0.0000

61.5320, 35.9480,
-12.7240

136.1800, 42.8710,
-11.5370

41.1430, 27.0980,
-6.5180

162.8490, 45.3010,
-11.5230

22.2160, 16.8270,
-2.0930

190.3330, 46.8140,
-11.4100

0.0000, 0.0000,
0.0000

217.8060, 46.8600,
-12.2440

237.3200, 30.4930,
-18.4910

248.6160, 17.9760,

-17.4160

■ 251.9220, 8.6670,
-8.3970

■ 85.3860, 39.2950,
-12.8090

■ 85.3860, 39.2950,
-12.8090

■ 81.7840, 43.9260,
-14.1380

■ 89.1020, 34.3430,
-11.1690

■ 78.9970, 47.6400,
-15.3680

■ 92.7040, 29.7120,
-9.8400

■ 96.4200, 24.7600,
-8.2000

■ 100.0220, 20.1290,
-6.8710

■ 103.1510, 15.4520,
-4.7080

■ 106.7530, 10.8210,
-3.3790

■ 110.4690, 5.8690,
-1.7390

■ 114.0710, 1.2380,
-0.4100

■ 117.7870, -3.7140,
1.2300

Harmonies

Analogous

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



86.6130, 49.5620, 4.8740



85.3860, 39.2950, -12.8090



82.5140, 18.0230, -23.7770

Triad

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



85.3860, 39.2950, -12.8090



73.4740, -63.5890, -20.4930



91.5940, 8.1560, 28.4120

Complementary

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



85.3860, 39.2950, -12.8090



49.6140, -39.2950, 12.8090

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.



87.6260, -30.4010, 16.8230



85.3860, 39.2950, -12.8090



75.4920, -72.0270, -10.7390

Square

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



85.3860, 39.2950, -12.8090



69.1250, -52.7210, -30.2330



73.0930, -74.9170, -2.4130



89.1920, 35.7110, 30.1350

Rectangle

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



85.3860, 39.2950, -12.8090



79.7550, -1.8290, -27.4370



73.0930, -74.9170, -2.4130



90.9670, -3.2600, 26.0520

Sweetspot

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



85.3860, 39.2950, -12.8090



138.7380, 15.1770, -5.2310



52.1670, 46.0270, 30.4030



69.6820, 9.5830, -2.9690



204.0000, -0.0000, -0.0000



77.0000, -0.0000, -0.0000

Same Dimension

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



85.3860, 39.2950, -12.8090



103.7780, 61.2580, -19.8780



99.9840, 22.1510, -32.5130



57.1420, 2.4760, -0.8200



84.0250, 50.4370, -16.4990



172.1920, 103.3500, -33.8180

Inverse Universe

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



49.6140, -39.2950, 12.8090



48.2220, -61.2580, 19.8780



35.0160, -22.1510, 32.5130



54.8580, -2.4760, 0.8200



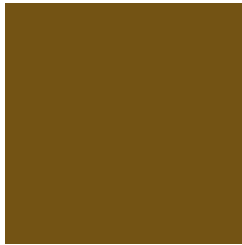
37.9750, -50.4370, 16.4990



77.8080, -103.3500, 33.8180

Previews

White Background



This preview shows how the YIQ color 85.3860, 39.2950, -12.8090 looks on a white background.

Color Contrast Check

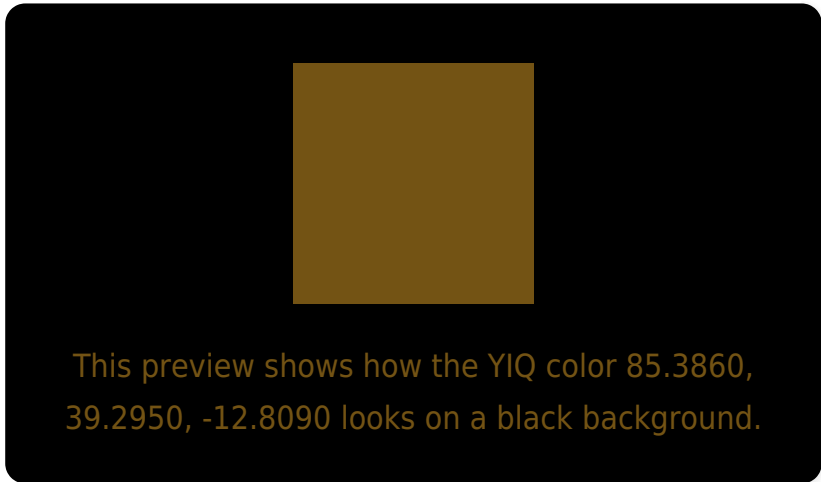
Large Text (above 18pt) WCAG AA ✓ Pass

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

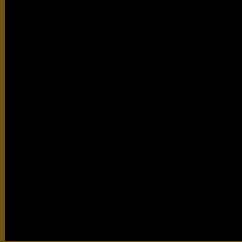
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 85.3860, 39.2950, -12.8090

Background



This preview shows how black text looks on a background with the YIQ color 85.3860, 39.2950, -12.8090.



This preview shows how white text looks on a background with the YIQ color 85.3860, 39.2950, -12.8090.

-12.8090.

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

85.3860, 39.2950, -12.8090

Protanopia

84.6510, 28.0630, -18.5050

Deuteranopia

84.9620, 37.5530, -14.2790



Tritanopia

90.2420, 23.1060, 10.7700

Trichromacy



Original Color

85.3860, 39.2950, -12.8090

Protanomaly

84.8580, 31.9140, -16.7100

Deuteranomaly

85.2610, 38.1490, -14.0670

Tritanomaly

88.4950, 29.3430, 2.3590

Monochromacy



Original Color

85.3860, 39.2950, -12.8090

Achromatopsia

85.0000, -0.0000, 0.0000

Achromatomaly

84.9660, 14.5350, -4.6090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 85.3860, 39.2950, -12.8090 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(115, 83, 20)` looks like.

```
.text, #text, p{  
    color:rgb(115, 83, 20)  
}
```

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(115, 83, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 83, 20) }
```

Border

The CSS property to change the border of an element to YIQ 85.3860, 39.2950, -12.8090 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(115, 83, 20) }
```


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

```
.border{ border-color:rgb(115, 83, 20) }
```

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

Here you see how a box with a 4 pixel rgb(115, 83, 20) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 83, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 83, 20);  
box-shadow:4px 4px 4px 4px rgb(115, 83,  
20) }
```

Background

The CSS property to change the background color of an element to YIQ 85.3860, 39.2950, -12.8090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 83, 20) }
```

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

```
.background{ background-color: rgb(115, 83,  
20) }
```

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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