

Converting Colors

YIQ(85.7030, 40.6210, 7.2210)

Have a look what the booklet for
YIQ(85.7030, 40.6210, 7.2210)
contains.

YIQ(85.7030, 40.6210, 7.2210)	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(85.7030, 40.6210,
7.2210)**

Conversions

Conversions Part 1

Format	Color
Hex	814635
RGB	129, 70, 53
RGB Percent	51%, 27%, 21%
CMY	0.4940, 0.7256, 0.7920
CMYK	0.00, 0.46, 0.59, 0.49
HSL	13°, 42%, 36%
HSV	13°, 59%, 51%
XYZ	11.8905, 9.3044, 4.5428
YIQ	85.7030, 40.6210, 7.2210

Conversions

Conversions Part 2

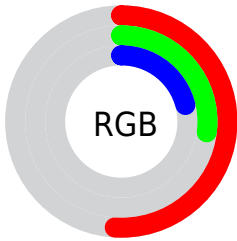
Format	Color
R_{YB}	129, 75, 53
Decimal	8472117
CIE Lab	36.56, 23.50, 21.26
CIE LCh	37, 31.690, 42.137
Yxy	9.3044, 0.4620, 0.3615
Android (android.graphics.Color)	4286662197 (0xFF814635)
YUV	85.7030, -16.1226, 37.9715
Hunter-Lab	30.5031, 16.2014, 12.5222

Details

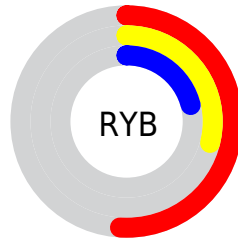
The YIQ color **85.7030, 40.6210, 7.2210** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **96.2970, -40.6210, -7.2210**, and the grayscale version is **86.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **136.5680, 45.4350, 8.0830**, and **37.8380, 35.8070, 6.3590** is the 20% darker color. If you saturate the color by 10%, you get **78.3510, 47.5440, 8.4080**, and if you desaturate by 10%, it is **93.0550, 33.6980, 6.0340**.

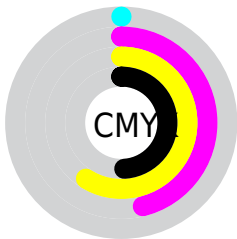
Distribution



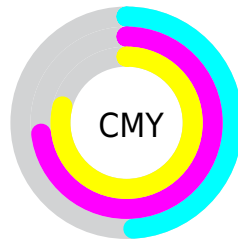
- Red (51%)
- Green (27%)
- Blue (21%)



- Red (51%)
- Yellow (29%)
- Blue (21%)



- Cyan (0%)
- Magenta (46%)
- Yellow (59%)
- Black (49%)



- Cyan (49%)
- Magenta (73%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 85.7030, 40.6210, 7.2210 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 85.7030, 40.6210, 7.2210 by changing the saturation by 10% instead.

■ 85.7030, 40.6210,
7.2210

■ 85.7030, 40.6210,
7.2210

255.0000, -0.0000,
-0.0000

■ 61.6210, 37.9160,
6.6840

■ 136.5680, 45.4350,
8.0830

■ 37.8380, 35.8070,
6.3590

■ 163.3510, 47.5440,
8.4080

■ 16.1240, 29.2500,
9.5540

■ 190.8350, 49.0570,
8.5210

■ 5.9800, 11.9200,
4.2400

■ 213.3500, 40.1170,
5.3410

■ 0.0000, 0.0000,
0.0000

■ 233.4510, 23.4750,
-1.4290

■ 252.4920, 7.0620,

-6.8420

■ 85.7030, 40.6210,
7.2210

■ 85.7030, 40.6210,
7.2210

■ 78.3510, 47.5440,
8.4080

■ 93.0550, 33.6980,
6.0340

■ 70.9990, 54.4670,
9.5950

■ 100.4070, 26.7750,
4.8470

■ 63.6470, 61.3900,
10.7820

■ 107.7590, 19.8520,
3.6600

■ 56.2950, 68.3130,
11.9690

■ 115.1110, 12.9290,
2.4730

■ 55.5940, 68.9090,
12.1810

■ 122.4630, 6.0060,
1.2860

■ 129.7010, -0.5960,
-0.2120

■ 137.0530, -7.5190,
-1.3990

■ 144.4050,
-14.4420, -2.5860

■ 151.7570,
-21.3650, -3.7730

Harmonies

Analogous

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



86.4120, 37.5470, 18.8830



85.7030, 40.6210, 7.2210



84.6770, 34.3420, -5.6420

Triad

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



85.7030, 40.6210, 7.2210



71.7850, -36.9040, -25.0320



83.9370, -30.0790, 10.9850

Complementary

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



85.7030, 40.6210, 7.2210



96.2970, -40.6210, -7.2210

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.



69.8670, -68.5890, -6.9650



85.7030, 40.6210, 7.2210



69.0570, -58.0410, -21.9210

Square

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



85.7030, 40.6210, 7.2210



79.3730, -3.3890, -21.1890



70.5050, -64.8740, -13.7220



88.3600, -0.2330, 20.7510

Rectangle

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



85.7030, 40.6210, 7.2210



83.2580, 25.0360, -13.2040



70.5050, -64.8740, -13.7220



80.1310, -42.5490, 5.6990

Sweetspot

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



85.7030, 40.6210, 7.2210



151.0790, 15.9550, 2.6990



82.5640, 26.0360, 34.7720



73.7300, 9.6280, 1.7240



212.0000, -0.0000, -0.0000



84.0000, -0.0000, -0.0000

Same Dimension

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



85.7030, 40.6210, 7.2210



99.8430, 63.7740, 11.6300



108.0090, 30.1710, -12.6530



60.2670, 3.6220, 0.4380



54.7080, 68.5880, 12.4920



0.0000, 0.0000, 0.0000

Inverse Universe

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



96.2970, -40.6210, -7.2210



117.1570, -63.7740, -11.6300



74.5780, -30.4460, 12.1300



60.7330, -3.6220, -0.4380



72.7050, -68.3130, -11.9690



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 85.7030, 40.6210, 7.2210 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 85.7030, 40.6210, 7.2210

Background



This preview shows how black text looks on a background with the YIQ color 85.7030, 40.6210, 7.2210.



This preview shows how white text looks on a background with the YIQ color 85.7030, 40.6210,

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

85.7030, 40.6210, 7.2210

Protanopia

86.0150, 12.8390, -6.9130

Deuteranopia

85.9300, 23.3840, -5.2880



Tritanopia

86.4070, 35.9430, 14.9110

Trichromacy



Original Color

85.7030, 40.6210, 7.2210

Protanomaly

86.0380, 23.2000, -1.9520

Deuteranomaly

85.8000, 29.8020, -0.4540

Tritanomaly

86.1960, 37.9150, 12.2110

Monochromacy



Original Color

85.7030, 40.6210, 7.2210

Achromatopsia

86.0000, -0.0000, -0.0000

Achromatomaly

85.8940, 15.0380, 2.7980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 85.7030, 40.6210, 7.2210 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(129, 70, 53)` looks like.

```
.text, #text, p{  
    color:rgb(129, 70, 53)  
}
```

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(129, 70, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 70, 53) }
```

Border

The CSS property to change the border of an element to YIQ 85.7030, 40.6210, 7.2210 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(129, 70, 53) }
```


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

```
.border{ border-color:rgb(129, 70, 53) }
```

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

Here you see how a box with a 4 pixel rgb(129, 70, 53) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 70, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 70, 53);  
box-shadow:4px 4px 4px 4px rgb(129, 70,  
53) }
```

Background

The CSS property to change the background color of an element to YIQ 85.7030, 40.6210, 7.2210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 70, 53) }
```

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

```
.background{ background-color: rgb(129, 70,  
53) }
```

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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