

Converting Colors

YIQ(64.7330, 22.7410, 0.8610)

Have a look what the booklet for
YIQ(64.7330, 22.7410, 0.8610)
contains.

YIQ(64.7330, 22.7410, 0.8610)	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(64.7330, 22.7410,
0.8610)**

Conversions

Conversions Part 1

Format	Color
Hex	573A29
RGB	87, 58, 41
RGB Percent	34%, 23%, 16%
CMY	0.6588, 0.7726, 0.8391
CMYK	0.00, 0.33, 0.53, 0.66
HSL	22°, 36%, 25%
HSV	22°, 53%, 34%
XYZ	5.8450, 5.2121, 2.7982
YIQ	64.7330, 22.7410, 0.8610

Conversions

Conversions Part 2

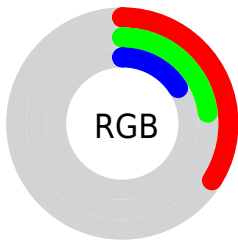
Format	Color
RYB	87, 68, 41
Decimal	5716521
CIELab	27.33, 10.59, 15.69
CIElCh	27, 18.926, 55.987
Yxy	5.2121, 0.4219, 0.3762
Android (android.graphics.Color)	4283906601 (0xFF573A29)
YUV	64.7330, -11.7004, 19.5282
Hunter-Lab	22.8301, 5.7475, 8.7140

Details

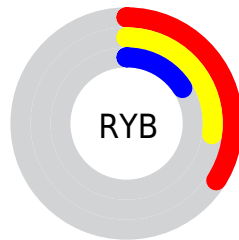
The YIQ color **64.7330, 22.7410, 0.8610** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **63.2670, -22.7410, -0.8610**, and the grayscale version is **65.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **112.7010, 25.7670, 1.0870**, and **21.3520, 19.4400, 0.1120** is the 20% darker color. If you saturate the color by 10%, you get **60.1850, 27.2800, 1.2000**, and if you desaturate by 10%, it is **68.6940, 18.4770, 1.0450**.

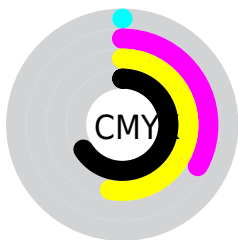
Distribution



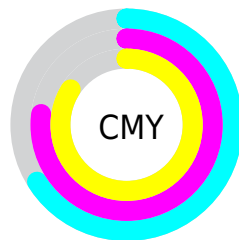
- Red (34%)
- Green (23%)
- Blue (16%)



- Red (34%)
- Yellow (27%)
- Blue (16%)



- Cyan (0%)
- Magenta (33%)
- Yellow (53%)
- Black (66%)



- Cyan (66%)
- Magenta (77%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 64.7330, 22.7410, 0.8610 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 64.7330, 22.7410, 0.8610 by changing the saturation by 10% instead.

■ 64.7330, 22.7410,
0.8610

■ 64.7330, 22.7410,
0.8610

■ 255.0000, -0.0000,
-0.0000

■ 42.2490, 21.2280,
0.7480

■ 113.0000, 26.3630,
1.2990

■ 21.3520, 19.4400,
0.1120

■ 138.2990, 26.9590,
1.5110

■ 0.0000, 0.0000,
0.0000

■ 164.7830, 28.4720,
1.6240

■ 192.0820, 29.0680,
1.8360

■ 220.2670, 29.9850,
1.7370

■ 241.2760, 16.5980,

-3.4500

253.9740, 2.8890,
-2.7990

64.7330, 22.7410,
0.8610

64.7330, 22.7410,
0.8610

60.1850, 27.2800,
1.2000

68.6940, 18.4770,
1.0450

56.3380, 31.2230,
1.3270

73.1280, 14.2590,
0.3950

52.3770, 35.4870,
1.1430

77.0890, 9.9950,
0.5790

47.8290, 40.0260,
1.4820

81.6370, 5.4560,
0.2400

44.7970, 43.0520,
1.7080

85.5980, 1.1920,
0.4240

■ 90.0320, -3.0260,
-0.2260

■ 93.9930, -7.2900,
-0.0420

■ 98.5410, -11.8290,
-0.3810

■ 102.3880,
-15.7720, -0.5080

Harmonies

Analogous

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



65.5470, 23.5650, 7.9570



64.7330, 22.7410, 0.8610



63.6950, 16.7360, -5.9520

Triad

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



64.7330, 22.7410, 0.8610



56.8070, -24.8020, -13.0740



65.6050, -8.7130, 9.2310

Complementary

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



64.7330, 22.7410, 0.8610



63.2670, -22.7410, -0.8610

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.



61.8910, -24.4380, 2.3620



64.7330, 22.7410, 0.8610



52.5370, -41.5370, -12.6490

Square

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



64.7330, 22.7410, 0.8610



60.3050, -8.7090, -12.8770



55.3080, -39.1540, -6.2740



66.3250, 6.8750, 13.0750

Rectangle

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



64.7330, 22.7410, 0.8610



62.5800, 9.6300, -9.3300



55.3080, -39.1540, -6.2740



64.2130, -13.4810, 7.5350

Sweetspot

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



64.7330, 22.7410, 0.8610



103.4910, 8.8030, 0.1550



58.0600, 18.1070, 18.7710



50.6370, 5.4560, 0.2400



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.



64.7330, 22.7410, 0.8610



78.1920, 34.5700, 1.2420



78.2340, 16.4160, -11.1680



41.3700, 1.8340, -0.1980



55.4730, 52.7720, 1.7640



121.3340, 116.1350, 4.3190

Inverse Universe

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



63.2670, -22.7410, -0.8610



75.8080, -34.5700, -1.2420



49.7660, -16.4160, 11.1680



41.2170, -2.1090, -0.3250



52.1140, -53.0470, -2.2870



113.6660, -116.1350, -4.3190

Previews

White Background



This preview shows how the YIQ color 64.7330, 22.7410, 0.8610 looks on a white background.

Color Contrast Check

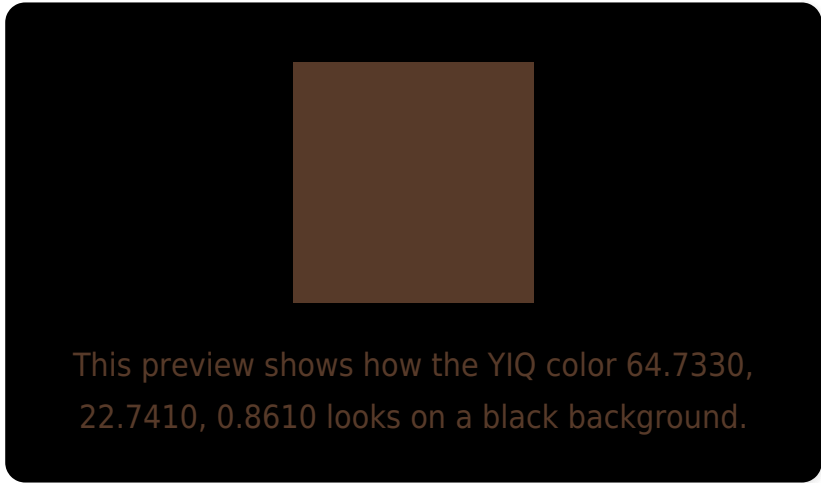
Large Text (above 18pt) WCAG AA ✓ Pass

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

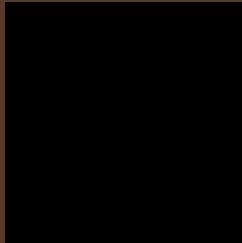
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 64.7330, 22.7410, 0.8610

Background



This preview shows how black text looks on a background with the YIQ color 64.7330, 22.7410, 0.8610.



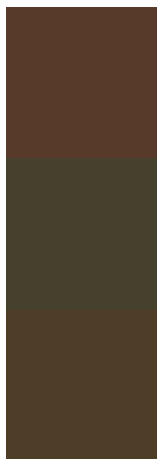
This preview shows how white text looks on a background with the YIQ color 64.7330, 22.7410,

0.8610.

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

64.7330, 22.7410, 0.8610

Protanopia

64.1010, 9.7210, -5.4710

Deuteranopia

64.2760, 16.5980, -3.4500



Tritanopia

66.0240, 17.7880, 8.0280

Trichromacy



Original Color

64.7330, 22.7410, 0.8610

Protanomaly

64.0200, 14.4430, -2.9410

Deuteranomaly

64.5860, 18.6610, -2.2910

Tritanomaly

65.8130, 19.7600, 5.3280

Monochromacy



Original Color

64.7330, 22.7410, 0.8610

Achromatopsia

65.0000, -0.0000, -0.0000

Achromatomaly

64.6050, 8.4820, 0.4660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 64.7330, 22.7410, 0.8610 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, 58, 41)` looks like.

```
.text, #text, p{  
    color:rgb(87, 58, 41)  
}
```

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, 58, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 58, 41) }
```

Border

The CSS property to change the border of an element to YIQ 64.7330, 22.7410, 0.8610 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, 58, 41) }
```


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

```
.border{ border-color:rgb(87, 58, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 58, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 58, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 58, 41);  
box-shadow:4px 4px 4px 4px rgb(87, 58, 41)  
}
```

Background

The CSS property to change the background color of an element to YIQ 64.7330, 22.7410, 0.8610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 58, 41) }
```

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

```
.background{ background-color: rgb(87, 58,  
41) }
```

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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