

Converting Colors

YIQ(85.1230, 21.8230, 6.4870)

Have a look what the booklet for
YIQ(85.1230, 21.8230, 6.4870)
contains.

YIQ(85.1230, 21.8230, 6.4870)	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(85.1230, 21.8230,
6.4870)**

Conversions

Conversions Part 1

Format	Color
Hex	6E4B48
RGB	110, 75, 72
RGB Percent	43%, 29%, 28%
CMY	0.5685, 0.7059, 0.7176
CMYK	0.00, 0.32, 0.35, 0.57
HSL	5°, 21%, 36%
HSV	5°, 35%, 43%
XYZ	10.1185, 8.8147, 7.3029
YIQ	85.1230, 21.8230, 6.4870

Conversions

Conversions Part 2

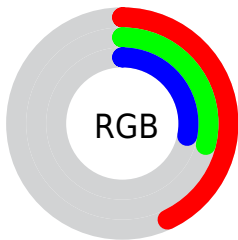
Format	Color
R_{YB}	110, 75, 72
Decimal	7228232
CIE Lab	35.62, 14.45, 7.75
CIE LCh	36, 16.397, 28.203
Yxy	8.8147, 0.3857, 0.3360
Android (android.graphics.Color)	4285418312 (0xFF6E4B48)
YUV	85.1230, -6.4696, 21.8171
Hunter-Lab	29.6895, 8.8782, 6.1988

Details

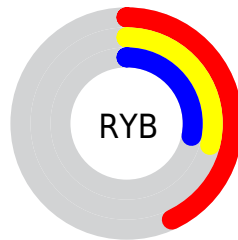
The YIQ color **85.1230, 21.8230, 6.4870** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **96.8770, -21.8230, -6.4870**, and the grayscale version is **85.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **135.2050, 24.5280, 7.0240**, and **39.7420, 18.5220, 5.7380** is the 20% darker color. If you saturate the color by 10%, you get **77.9990, 28.1040, 8.2960**, and if you desaturate by 10%, it is **92.2470, 15.5420, 4.6780**.

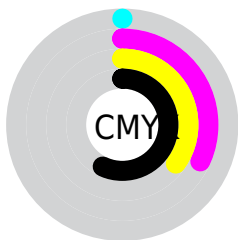
Distribution



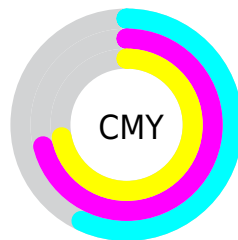
- Red (43%)
- Green (29%)
- Blue (28%)



- Red (43%)
- Yellow (29%)
- Blue (28%)



- Cyan (0%)
- Magenta (32%)
- Yellow (35%)
- Black (57%)



- Cyan (57%)
- Magenta (71%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 85.1230, 21.8230, 6.4870 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 85.1230, 21.8230, 6.4870 by changing the saturation by 10% instead.

85.1230, 21.8230,
6.4870

85.1230, 21.8230,
6.4870

255.0000, -0.0000,
-0.0000

61.6390, 20.3100,
6.3740

135.2050, 24.5280,
7.0240

39.7420, 18.5220,
5.7380

161.5040, 25.1240,
7.2360

16.5850, 20.4020,
4.7060

188.8030, 25.7200,
7.4480

0.0000, 0.0000,
0.0000

216.4010, 26.9120,
7.8720

238.4210, 14.9920,
3.6320

85.1230, 21.8230,
6.4870

85.1230, 21.8230,
6.4870

77.9990, 28.1040,
8.2960

92.2470, 15.5420,
4.6780

70.8750, 34.3850,
10.1050

99.3710, 9.2610,
2.8690

63.7510, 40.6660,
11.9140

106.4950, 2.9800,
1.0600

56.0400, 47.2220,
14.2460

114.2060, -3.5760,
-1.2720

48.9160, 53.5030,
16.0550

121.3300, -9.8570,
-3.0810

41.7920, 59.7840,
17.8640

128.4540,
-16.1380, -4.8900

38.1730, 63.0850,
18.6130

135.5780,
-22.4190, -6.6990

142.7020,

-28.7000, -8.5080

■ 149.8260,
-34.9810, -10.3170

Harmonies

Analogous

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



85.7190, 17.3290, 10.8410



85.1230, 21.8230, 6.4870



84.2490, 21.2280, 0.7480

Triad

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



85.1230, 21.8230, 6.4870



80.2450, -8.4800, -11.5200



82.1690, -19.3490, 3.7470

Complementary

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



85.1230, 21.8230, 6.4870



96.8770, -21.8230, -6.4870

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.



79.2770, -28.7010, -2.9810



85.1230, 21.8230, 6.4870



78.0140, -20.9510, -11.2790

Square

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



85.1230, 21.8230, 6.4870



81.8290, 4.4950, -9.8810



77.5170, -29.6170, -8.4090



85.1600, -5.9620, 8.9340

Rectangle

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



85.1230, 21.8230, 6.4870



83.4610, 17.5150, -3.5490



77.5170, -29.6170, -8.4090



81.4350, -23.1540, 1.1180

Sweetspot

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



85.1230, 21.8230, 6.4870



133.7730, 8.0690, 2.4450



87.3520, 11.4130, 18.9410



65.9790, 4.4930, 1.1730



199.0000, -0.0000, 0.0000



71.0000, -0.0000, -0.0000

Same Dimension

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



85.1230, 21.8230, 6.4870



104.5760, 33.7890, 9.8930



96.2760, 16.5980, -3.4500



52.3810, 3.3010, 0.7490



41.1630, 69.0450, 20.7330



85.0060, 141.9870, 42.4270

Inverse Universe

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



96.8770, -21.8230, -6.4870



122.4240, -33.7890, -9.8930



85.7240, -16.5980, 3.4500



54.2060, -3.5760, -1.2720



78.2500, -68.7700, -20.2100



161.9940, -141.9870, -42.4270

Previews

White Background



This preview shows how the YIQ color 85.1230, 21.8230, 6.4870 looks on a white background.

Color Contrast Check

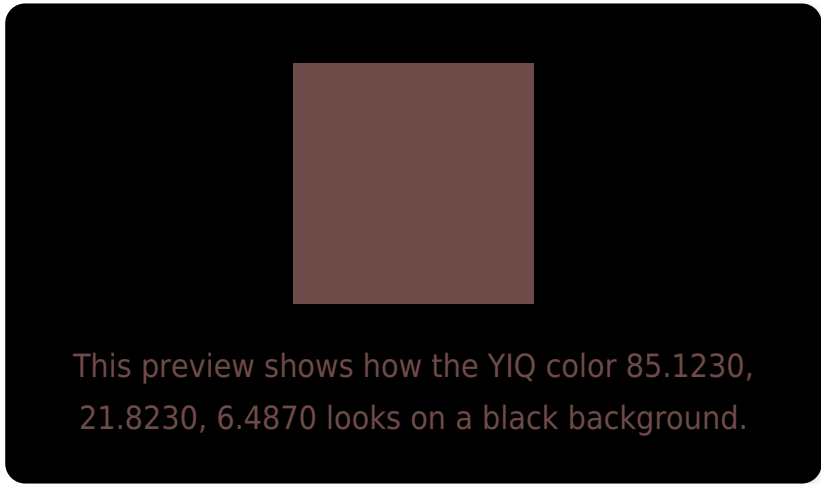
Large Text (above 18pt) WCAG AA ✓ Pass

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

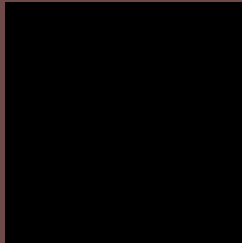
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 85.1230, 21.8230, 6.4870

Background



This preview shows how black text looks on a background with the YIQ color 85.1230, 21.8230, 6.4870.



This preview shows how white text looks on a background with the YIQ color 85.1230, 21.8230,

6.4870.

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

85.1230, 21.8230, 6.4870

Protanopia

84.0990, 4.0350, -1.5410

Deuteranopia

84.6440, 12.7460, 0.2820



Tritanopia

85.6330, 20.4470, 9.3990

Trichromacy



Original Color

85.1230, 21.8230, 6.4870

Protanomaly

84.5020, 10.2700, 1.1020

Deuteranomaly

84.9650, 16.2760, 2.3880

Tritanomaly

85.2910, 21.4100, 8.4660

Monochromacy



Original Color

85.1230, 21.8230, 6.4870

Achromatopsia

85.0000, -0.0000, 0.0000

Achromatomaly

84.7730, 8.0690, 2.4450

CSS Examples

Text

The CSS property to change the color of the text to YIQ 85.1230, 21.8230, 6.4870 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(110, 75, 72)` looks like.

```
.text, #text, p{  
    color:rgb(110, 75, 72)  
}
```

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(110, 75, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 75, 72) }
```

Border

The CSS property to change the border of an element to YIQ 85.1230, 21.8230, 6.4870 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(110, 75, 72) }
```


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

```
.border{ border-color:rgb(110, 75, 72) }
```

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

Here you see how a box with a 4 pixel rgb(110, 75, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 75, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 75, 72);  
box-shadow:4px 4px 4px 4px rgb(110, 75,  
72) }
```

Background

The CSS property to change the background color of an element to YIQ 85.1230, 21.8230, 6.4870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 75, 72) }
```

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

```
.background{ background-color: rgb(110, 75,  
72) }
```

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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