

Converting Colors

YIQ(64.4360, 36.9990, 6.7830)

Have a look what the booklet for
YIQ(64.4360, 36.9990, 6.7830)
contains.

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Color

**YIQ(64.4360, 36.9990,
6.7830)**

Conversions

Conversions Part 1

Format	Color
Hex	683223
RGB	104, 50, 35
RGB Percent	41%, 20%, 14%
CMY	0.5920, 0.8040, 0.8626
CMYK	0.00, 0.52, 0.66, 0.59
HSL	13°, 50%, 27%
HSV	13°, 66%, 41%
XYZ	7.1561, 5.3457, 2.2479
YIQ	64.4360, 36.9990, 6.7830

Conversions

Conversions Part 2

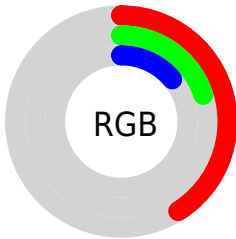
Format	Color
R_{YB}	104, 54, 35
Decimal	6828579
CIE _{Lab}	27.70, 22.78, 20.48
CIE _{LCh}	28, 30.627, 41.954
Yxy	5.3457, 0.4852, 0.3624
Android (android.graphics.Color)	4285018659 (0xFF683223)
YUV	64.4360, -14.5119, 34.6976
Hunter-Lab	23.1208, 14.7855, 10.4201

Details

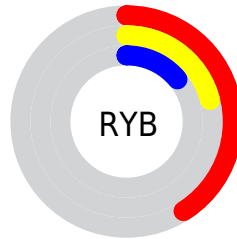
The YIQ color **64.4360, 36.9990, 6.7830** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **74.5640, -36.9990, -6.7830**, and the grayscale version is **65.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **114.1870, 42.1340, 7.3340**, and **18.4830, 29.6170, 8.4090** is the 20% darker color. If you saturate the color by 10%, you get **58.6000, 42.4090, 7.8570**, and if you desaturate by 10%, it is **70.2720, 31.5890, 5.7090**.

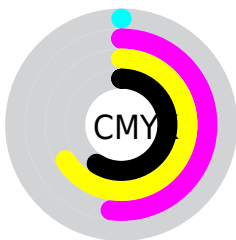
Distribution



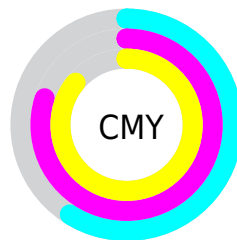
- Red (41%)
- Green (20%)
- Blue (14%)



- Red (41%)
- Yellow (21%)
- Blue (14%)



- Cyan (0%)
- Magenta (52%)
- Yellow (66%)
- Black (59%)



- Cyan (59%)
- Magenta (80%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 64.4360, 36.9990, 6.7830 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 64.4360, 36.9990, 6.7830 by changing the saturation by 10% instead.

64.4360, 36.9990,
6.7830

64.4360, 36.9990,
6.7830

255.0000, -0.0000,
-0.0000

41.3540, 34.2940,
6.2460

114.1870, 42.1340,
7.3340

18.4830, 29.6170,
8.4090

139.9700, 44.2430,
7.6590

7.8880, 15.1750,
5.8230

166.7530, 46.3520,
7.9840

0.0000, 0.0000,
0.0000

194.2370, 47.8650,
8.0970

216.1540, 37.7330,
4.4930

236.3690, 20.7700,

-1.9660

253.0620, 5.4570,
-5.2870

64.4360, 36.9990,
6.7830

64.4360, 36.9990,
6.7830

58.6000, 42.4090,
7.8570

70.2720, 31.5890,
5.7090

52.6500, 48.1400,
8.6200

76.2220, 25.8580,
4.9460

46.8140, 53.5500,
9.6940

82.0580, 20.4480,
3.8720

44.5970, 55.6590,
10.0190

88.5950, 14.4420,
2.5860

94.4310, 9.0320,
1.5120

■ 100.2670, 3.6220,
0.4380

■ 106.2170, -2.1090,
-0.3250

■ 112.0530, -7.5190,
-1.3990

■ 118.0030,
-13.2500, -2.1620

Harmonies

Analogous

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



64.9170, 34.5670, 17.8230



64.4360, 36.9990, 6.7830



63.7090, 31.3160, -5.8680

Triad

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



64.4360, 36.9990, 6.7830



50.3120, -36.9500, -24.1980



62.4700, -30.2620, 8.7940

Complementary

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



64.4360, 36.9990, 6.7830



74.5640, -36.9990, -6.7830

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.



54.8040, -55.1100, -3.4460



64.4360, 36.9990, 6.7830



53.6350, -44.9290, -17.2570

Square

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



64.4360, 36.9990, 6.7830



59.0140, -3.7560, -20.0440



55.5560, -51.7160, -9.8920



67.4200, -0.4620, 19.3940

Rectangle

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



64.4360, 36.9990, 6.7830



62.8880, 23.2020, -13.0060



55.5560, -51.7160, -9.8920



56.2830, -46.0330, 2.7590

Sweetspot

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



64.4360, 36.9990, 6.7830



119.5950, 14.4420, 2.5860



61.9010, 23.4690, 31.7330



59.4310, 9.0320, 1.5120



196.0000, -0.0000, -0.0000



69.0000, -0.0000, -0.0000

Same Dimension

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



64.4360, 36.9990, 6.7830



72.7930, 58.0430, 10.8670



83.8070, 27.9240, -10.4760



48.0820, 2.7050, 0.5370



49.0600, 61.6650, 11.3050



102.8820, 129.9320, 24.1080

Inverse Universe

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



74.5640, -36.9990, -6.7830



89.2070, -58.0430, -10.8670



55.1930, -27.9240, 10.4760



48.9180, -2.7050, -0.5370



65.9400, -61.6650, -11.3050



139.1180, -129.9320, -24.1080

Previews

White Background



This preview shows how the YIQ color 64.4360, 36.9990, 6.7830 looks on a white background.

Color Contrast Check

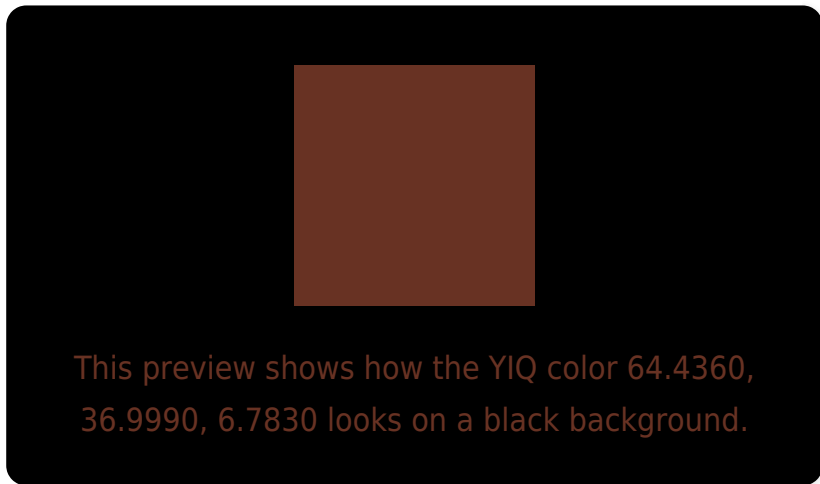
Large Text (above 18pt) WCAG AA ✓ Pass

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

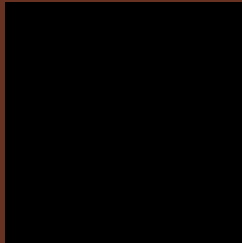
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 64.4360, 36.9990, 6.7830

Background



This preview shows how black text looks on a background with the YIQ color 64.4360, 36.9990, 6.7830.

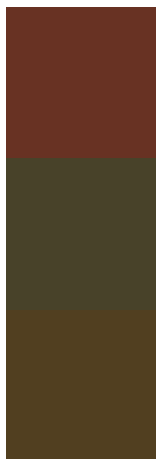


This preview shows how white text looks on a background with the YIQ color 64.4360, 36.9990,

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

64.4360, 36.9990, 6.7830

Protanopia

64.9440, 11.6010, -6.5030

Deuteranopia

64.8480, 20.6790, -5.8250



Tritanopia

65.3850, 33.0090, 13.0170

Trichromacy



Original Color

64.4360, 36.9990, 6.7830

Protanomaly

64.7820, 21.0450, -1.4430

Deuteranomaly

64.4190, 26.5010, -1.2030

Tritanomaly

65.2880, 34.6600, 10.6280

Monochromacy



Original Color

64.4360, 36.9990, 6.7830

Achromatopsia

64.0000, -0.0000, -0.0000

Achromatomaly

64.2960, 13.8460, 2.3740

CSS Examples

Text

The CSS property to change the color of the text to YIQ 64.4360, 36.9990, 6.7830 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(104, 50, 35)` looks like.

```
.text, #text, p{  
    color:rgb(104, 50, 35)  
}
```

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(104, 50, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 50, 35) }
```

Border

The CSS property to change the border of an element to YIQ 64.4360, 36.9990, 6.7830 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(104, 50, 35) }
```


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

```
.border{ border-color:rgb(104, 50, 35) }
```

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

Here you see how a box with a 4 pixel rgb(104, 50, 35) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 50, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 50, 35);  
box-shadow:4px 4px 4px 4px rgb(104, 50,  
35) }
```

Background

The CSS property to change the background color of an element to YIQ 64.4360, 36.9990, 6.7830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 50, 35) }
```

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

```
.background{ background-color: rgb(104, 50,  
35) }
```

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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