

Converting Colors

YIQ(65.0830, 28.4680, 23.7320)

Have a look what the booklet for
YIQ(65.0830, 28.4680, 23.7320)
contains.

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Color

**YIQ(65.0830, 28.4680,
23.7320)**

Conversions

Conversions Part 1

Format	Color
Hex	6B2A4A
RGB	107, 42, 74
RGB Percent	42%, 16%, 29%
CMY	0.5802, 0.8354, 0.7097
CMYK	0.00, 0.61, 0.31, 0.58
HSL	330°, 44%, 29%
HSV	330°, 61%, 42%
XYZ	8.1325, 5.2773, 7.0725
YIQ	65.0830, 28.4680, 23.7320

Conversions

Conversions Part 2

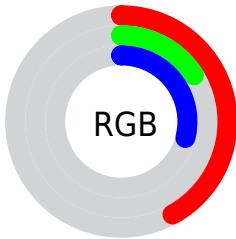
Format	Color
RYB	107, 42, 74
Decimal	7023178
CIELab	27.51, 32.78, -5.38
CIELCh	28, 33.219, 350.683
Yxy	5.2773, 0.3971, 0.2576
Android (android.graphics.Color)	4285213258 (0xFF6B2A4A)
YUV	65.0830, 4.3961, 36.7612
Hunter-Lab	22.9723, 22.9901, -2.1731

Details

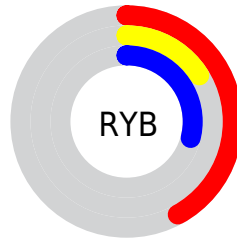
The YIQ color **65.0830, 28.4680, 23.7320** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **83.9170, -28.4680, -23.7320**, and the grayscale version is **65.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **115.5780, 31.4480, 24.7920**, and **20.1640, 23.7460, 21.2020** is the 20% darker color. If you saturate the color by 10%, you get **58.0560, 33.0980, 27.9300**, and if you desaturate by 10%, it is **72.1100, 23.8380, 19.5340**.

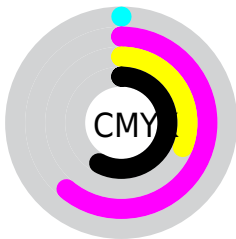
Distribution



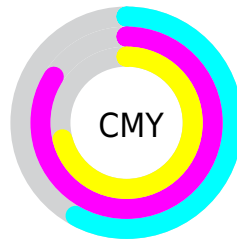
- Red (42%)
- Green (16%)
- Blue (29%)



- Red (42%)
- Yellow (16%)
- Blue (29%)



- Cyan (0%)
- Magenta (61%)
- Yellow (31%)
- Black (58%)



- Cyan (58%)
- Magenta (84%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 65.0830, 28.4680, 23.7320 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 65.0830, 28.4680, 23.7320 by changing the saturation by 10% instead.

65.0830, 28.4680,
23.7320

65.0830, 28.4680,
23.7320

255.0000, -0.0000,
-0.0000

40.0120, 27.2300,
24.1420

115.5780, 31.4480,
24.7920

20.1640, 23.7460,
21.2020

141.1760, 32.6400,
25.2160

10.9210, 19.5760,
8.6640

168.1870, 34.1070,
26.1630

0.0000, 0.0000,
0.0000

195.7850, 35.2990,
26.5870

218.2180, 23.6540,
22.8700

237.3900, 8.2500,

15.6900

254.4130, 0.2750,
0.5230

■ 65.0830, 28.4680,
23.7320

■ 65.0830, 28.4680,
23.7320

■ 58.0560, 33.0980,
27.9300

■ 72.1100, 23.8380,
19.5340

■ 51.5020, 37.7740,
31.2940

■ 78.6640, 19.1620,
16.1700

■ 44.4750, 42.4040,
35.4920

■ 85.6910, 14.5320,
11.9720

■ 38.0350, 46.7590,
39.1670

■ 92.8320, 9.5810,
8.0850

■ 99.2720, 5.2260,
4.4100

■ 106.4130, 0.2750,
0.5230

■ 113.4400, -4.3550,
-3.6750

■ 120.4670, -8.9850,
-7.8730

■ 127.0210,
-13.6610, -11.2370

Harmonies

Analogous

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



67.4210, 6.9650, 22.4610



65.0830, 28.4680, 23.7320



63.3150, 39.1980, 16.4940

Triad

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



65.0830, 28.4680, 23.7320



60.1100, 13.5290, -19.4230



55.8810, -54.0090, -6.8810

Complementary

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



65.0830, 28.4680, 23.7320



83.9170, -28.4680, -23.7320

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.



54.5470, -47.4970, -14.7690



65.0830, 28.4680, 23.7320



55.9420, -12.4210, -22.7010

Square

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



65.0830, 28.4680, 23.7320



62.3620, 30.6750, -10.7730



51.5830, -39.1510, -22.8550



54.2000, -56.1650, -0.8450

Rectangle

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



65.0830, 28.4680, 23.7320



63.3440, 40.2540, 8.3660



51.5830, -39.1510, -22.8550



55.7840, -52.3580, -9.2700

Sweetspot

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



65.0830, 28.4680, 23.7320



123.8430, 11.0480, 9.0320



59.2770, -1.1970, 27.2110



61.2830, 6.6930, 5.3570



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.



65.0830, 28.4680, 23.7320



74.1980, 44.7420, 37.1740



61.4350, 38.7400, 13.7800



50.1360, 2.6130, 2.2050



41.5950, 51.1140, 42.8420



87.0490, 107.1790, 89.5710

Inverse Universe

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



65.0830, 28.4680, 23.7320



74.1980, 44.7420, 37.1740



87.5650, -38.7400, -13.7800



50.1360, 2.6130, 2.2050



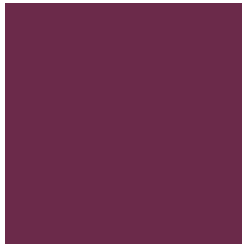
41.5950, 51.1140, 42.8420



87.0490, 107.1790, 89.5710

Previews

White Background



This preview shows how the YIQ color 65.0830, 28.4680, 23.7320 looks on a white background.

Color Contrast Check

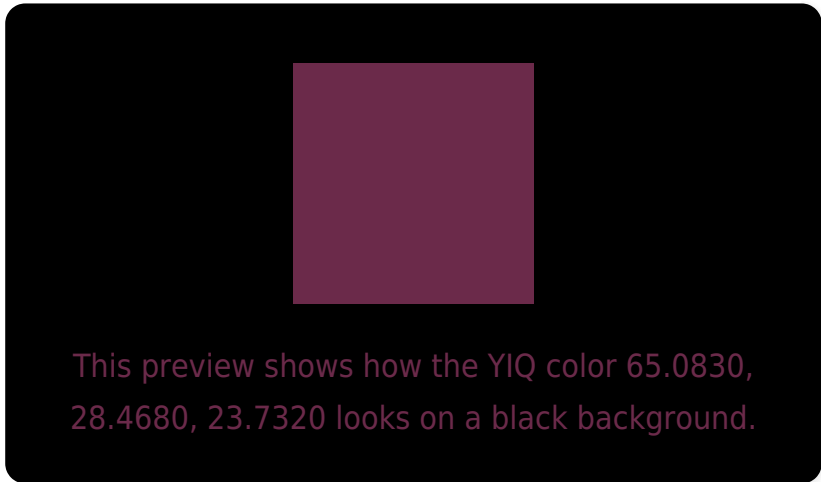
Large Text (above 18pt) WCAG AA ✓ Pass

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

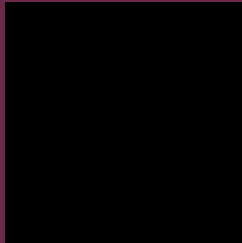
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 65.0830, 28.4680, 23.7320

Background



This preview shows how black text looks on a background with the YIQ color 65.0830, 28.4680, 23.7320.



This preview shows how white text looks on a background with the YIQ color 65.0830, 28.4680,

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

65.0830, 28.4680, 23.7320

Protanopia

66.0560, -11.6010, 6.5030

Deuteranopia

66.5920, 1.3290, 3.4490



Tritanopia

64.6840, 33.6050, 13.2290

Trichromacy



Original Color

65.0830, 28.4680, 23.7320

Protanomaly

65.7590, 2.6570, 12.4250

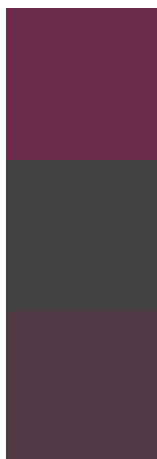
Deuteranomaly

65.8970, 10.9560, 10.7000

Tritanomaly

64.8350, 31.8620, 17.2860

Monochromacy



Original Color

65.0830, 28.4680, 23.7320

Achromatopsia

65.0000, -0.0000, -0.0000

Achromatomaly

65.1310, 10.1770, 8.2970

CSS Examples

Text

The CSS property to change the color of the text to YIQ 65.0830, 28.4680, 23.7320 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(107, 42, 74)` looks like.

```
.text, #text, p{  
    color:rgb(107, 42, 74)  
}
```

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(107, 42, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 42, 74) }
```

Border

The CSS property to change the border of an element to YIQ 65.0830, 28.4680, 23.7320 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(107, 42, 74) }
```


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

```
.border{ border-color:rgb(107, 42, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 42, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 42, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 42, 74);  
box-shadow:4px 4px 4px 4px rgb(107, 42,  
74) }
```

Background

The CSS property to change the background color of an element to YIQ 65.0830, 28.4680, 23.7320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 42, 74) }
```

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

```
.background{ background-color: rgb(107, 42,  
74) }
```

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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