

Converting Colors

YIQ(81.2400, 25.4470, -4.1290)

Have a look what the booklet for
YIQ(81.2400, 25.4470, -4.1290)
contains.

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Color

**YIQ(81.2400, 25.4470,
-4.1290)**

Conversions

Conversions Part 1

Format	Color
Hex	674D2E
RGB	103, 77, 46
RGB Percent	40%, 30%, 18%
CMY	0.5960, 0.6981, 0.8195
CMYK	0.00, 0.25, 0.55, 0.60
HSL	33°, 38%, 29%
HSV	33°, 55%, 40%
XYZ	8.7416, 8.3879, 3.7464
YIQ	81.2400, 25.4470, -4.1290

Conversions

Conversions Part 2

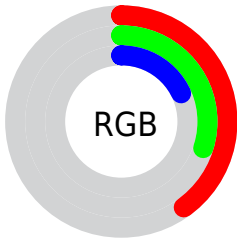
Format	Color
RYB	94, 103, 46
Decimal	6769966
CIELab	34.78, 6.82, 22.50
CIElCh	35, 23.511, 73.127
Yxy	8.3879, 0.4187, 0.4018
Android (android.graphics.Color)	4284960046 (0xFF674D2E)
YUV	81.2400, -17.3733, 19.0835
Hunter-Lab	28.9619, 3.1937, 12.6039

Details

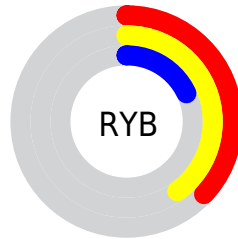
The YIQ color **81.2400, 25.4470, -4.1290** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **67.7600, -25.4470, 4.1290**, and the grayscale version is **81.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **131.2080, 28.4730, -3.9030**, and **35.5170, 23.1090, -5.8110** is the 20% darker color. If you saturate the color by 10%, you get **77.1650, 30.0320, -4.6240**, and if you desaturate by 10%, it is **85.3150, 20.8620, -3.6340**.

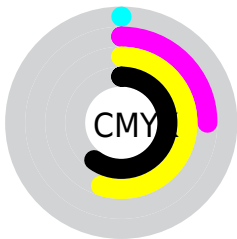
Distribution



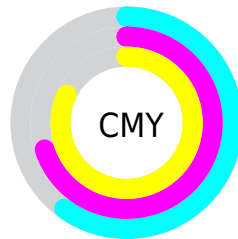
- Red (40%)
- Green (30%)
- Blue (18%)



- Red (37%)
- Yellow (40%)
- Blue (18%)



- Cyan (0%)
- Magenta (25%)
- Yellow (55%)
- Black (60%)



- Cyan (60%)
- Magenta (70%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 81.2400, 25.4470, -4.1290 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 81.2400, 25.4470, -4.1290 by changing the saturation by 10% instead.

81.2400, 25.4470,
-4.1290

81.2400, 25.4470,
-4.1290

255.0000, -0.0000,
-0.0000

57.8700, 23.6130,
-3.9310

131.2080, 28.4730,
-3.9030

35.5170, 23.1090,
-5.8110

157.2790, 29.7110,
-4.3130

15.7260, 15.4510,
0.8190

183.8770, 30.9030,
-3.8890

0.0000, 0.0000,
0.0000

212.0620, 31.8200,
-3.9880

236.0610, 24.3930,
-7.0550

251.5800, 9.6300,

-9.3300

254.8860, 0.3210,
-0.3110

■ 81.2400, 25.4470,
-4.1290

■ 81.2400, 25.4470,
-4.1290

■ 77.1650, 30.0320,
-4.6240

■ 85.3150, 20.8620,
-3.6340

■ 73.5630, 34.6630,
-5.9530

■ 88.9170, 16.2310,
-2.3050

■ 69.4880, 39.2480,
-6.4480

■ 92.9920, 11.6460,
-1.8100

■ 65.4130, 43.8330,
-6.9430

■ 97.0670, 7.0610,
-1.3150

■ 63.6690, 45.9880,
-7.4520

■ 101.2560, 2.1550,
-0.5090

■ 104.7440, -2.1550,
0.5090

■ 108.8190, -6.7400,
1.0040

■ 112.8940,
-11.3250, 1.4990

■ 116.4960,
-15.9560, 2.8280

Harmonies

Analogous

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



82.5600, 30.7180, 4.9740



81.2400, 25.4470, -4.1290



79.5650, 13.9860, -11.1820

Triad

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



81.2400, 25.4470, -4.1290



66.3570, -50.0180, -18.6420



83.9700, 0.6850, 15.1250

Complementary

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



81.2400, 25.4470, -4.1290



67.7600, -25.4470, 4.1290

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.



81.3310, -19.6250, 8.7510



81.2400, 25.4470, -4.1290



65.0280, -59.0970, -13.7930

Square

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



81.2400, 25.4470, -4.1290



73.6560, -23.0590, -17.1310



74.2740, -41.8140, -2.1180



84.0060, 18.1990, 17.1030

Rectangle

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



81.2400, 25.4470, -4.1290



78.2970, 2.9370, -14.6870



74.2740, -41.8140, -2.1180



83.2080, -5.9170, 13.6270

Sweetspot

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



81.2400, 25.4470, -4.1290



126.5080, 10.1330, -1.9230



66.1210, 25.3050, 20.4810



63.8820, 6.1440, -1.2160



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.



81.2400, 25.4470, -4.1290



100.7870, 39.8440, -6.2360



95.9040, 17.1050, -18.1510



49.2560, 2.1550, -0.5090



70.7790, 51.4900, -8.0460



149.8420, 107.9320, -17.7320

Inverse Universe

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



67.7600, -25.4470, 4.1290



80.2130, -39.8440, 6.2360



53.0960, -17.1050, 18.1510



47.7440, -2.1550, 0.5090



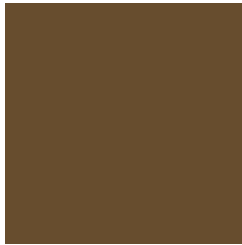
43.6340, -51.2150, 8.5690



92.7450, -108.2070, 17.2090

Previews

White Background



This preview shows how the YIQ color 81.2400, 25.4470, -4.1290 looks on a white background.

Color Contrast Check

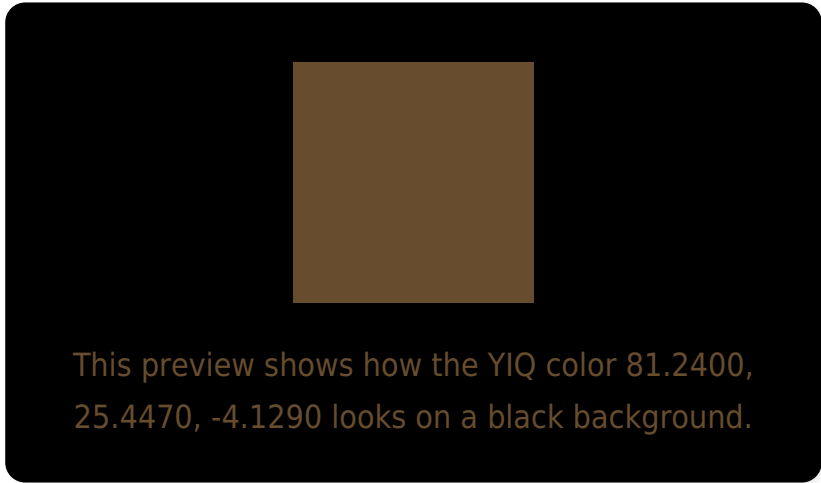
Large Text (above 18pt) WCAG AA ✓ Pass

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 81.2400, 25.4470, -4.1290

Background



This preview shows how black text looks on a background with the YIQ color 81.2400, 25.4470, -4.1290.



This preview shows how white text looks on a background with the YIQ color 81.2400, 25.4470,

-4.1290.

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

81.2400, 25.4470, -4.1290

Protanopia

80.5160, 15.6820, -8.8780

Deuteranopia

80.9300, 23.3840, -5.2880



Tritanopia

83.5510, 17.7420, 8.8620

Trichromacy



Original Color

81.2400, 25.4470, -4.1290

Protanomaly

80.7230, 19.5330, -7.0830

Deuteranomaly

81.2290, 23.9800, -5.0760

Tritanomaly

82.4710, 20.7230, 4.3950

Monochromacy



Original Color

81.2400, 25.4470, -4.1290

Achromatopsia

81.0000, -0.0000, 0.0000

Achromatomaly

81.3230, 9.2160, -1.8240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 81.2400, 25.4470, -4.1290 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(103, 77, 46)` looks like.

```
.text, #text, p{  
    color:rgb(103, 77, 46)  
}
```

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(103, 77, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 77, 46) }
```

Border

The CSS property to change the border of an element to YIQ 81.2400, 25.4470, -4.1290 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(103, 77, 46) }
```


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

```
.border{ border-color:rgb(103, 77, 46) }
```

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

Here you see how a box with a 4 pixel rgb(103, 77, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 77, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 77, 46);  
box-shadow:4px 4px 4px 4px rgb(103, 77,  
46) }
```

Background

The CSS property to change the background color of an element to YIQ 81.2400, 25.4470, -4.1290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 77, 46) }
```

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

```
.background{ background-color: rgb(103, 77,  
46) }
```

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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