

Converting Colors

YIQ(57.4400, 22.0080, -2.3760)

Have a look what the booklet for
YIQ(57.4400, 22.0080, -2.3760)
contains.

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Color

**YIQ(57.4400, 22.0080,
-2.3760)**

Conversions

Conversions Part 1

Format	Color
Hex	4D351D
RGB	77, 53, 29
RGB Percent	30%, 21%, 11%
CMY	0.6980, 0.7922, 0.8862
CMYK	0.00, 0.31, 0.62, 0.70
HSL	30°, 45%, 21%
HSV	30°, 62%, 30%
XYZ	4.5562, 4.2124, 1.7371
YIQ	57.4400, 22.0080, -2.3760

Conversions

Conversions Part 2

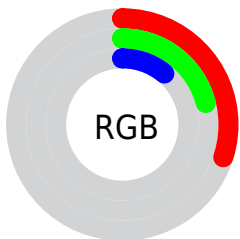
Format	Color
RYB	77, 77, 29
Decimal	5059869
CIELab	24.36, 7.66, 19.24
CIELCh	24, 20.709, 68.292
Yxy	4.2124, 0.4337, 0.4010
Android (android.graphics.Color)	4283249949 (0xFF4D351D)
YUV	57.4400, -14.0209, 17.1541
Hunter-Lab	20.5240, 3.7087, 9.3487

Details

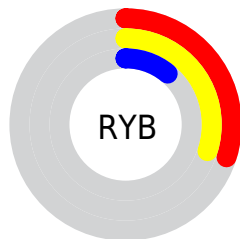
The YIQ color **57.4400, 22.0080, -2.3760** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **48.5600, -22.0080, 2.3760**, and the grayscale version is **58.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **105.2940, 25.3550, -2.4610**, and **14.5520, 16.0010, 1.8650** is the 20% darker color. If you saturate the color by 10%, you get **54.1800, 25.6760, -2.7720**, and if you desaturate by 10%, it is **60.7000, 18.3400, -1.9800**.

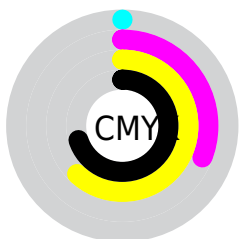
Distribution



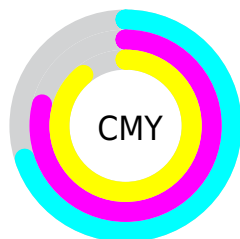
- Red (30%)
- Green (21%)
- Blue (11%)



- Red (30%)
- Yellow (30%)
- Blue (11%)



- Cyan (0%)
- Magenta (31%)
- Yellow (62%)
- Black (70%)



- Cyan (70%)
- Magenta (79%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 57.4400, 22.0080, -2.3760 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 57.4400, 22.0080, -2.3760 by changing the saturation by 10% instead.

■ 57.4400, 22.0080,
-2.3760

■ 57.4400, 22.0080,
-2.3760

■ 255.0000, -0.0000,
-0.0000

■ 35.2010, 21.1830,
-3.9450

■ 105.2940, 25.3550,
-2.4610

■ 14.5520, 16.0010,
1.8650

■ 130.1910, 27.1430,
-1.8250

■ 0.0000, 0.0000,
0.0000

■ 156.3760, 28.0600,
-1.9240

■ 183.5610, 28.9770,
-2.0230

■ 211.1590, 30.1690,
-1.5990

■ 236.0440, 23.0630,

-4.9770

■ 252.1500, 8.0250,
-7.7750

■ 57.4400, 22.0080,
-2.3760

■ 57.4400, 22.0080,
-2.3760

■ 54.1800, 25.6760,
-2.7720

■ 60.7000, 18.3400,
-1.9800

■ 51.0340, 29.0230,
-2.8570

■ 63.8460, 14.9930,
-1.8950

■ 47.7740, 32.6910,
-3.2530

■ 67.1060, 11.3250,
-1.4990

■ 45.3290, 35.4420,
-3.5500

■ 69.7790, 7.9320,
-0.5800

■ 73.0390, 4.2640,
-0.1840

■ 76.1850, 0.9170,
-0.0990

■ 79.4450, -2.7510,
0.2970

■ 82.7050, -6.4190,
0.6930

■ 85.8510, -9.7660,
0.7780

Harmonies

Analogous

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



58.3360, 25.5370, 5.2570



57.4400, 22.0080, -2.3760



55.8470, 13.2520, -8.8920

Triad

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



57.4400, 22.0080, -2.3760



45.8100, -38.0520, -15.2360



59.3070, -1.8820, 12.0860

Complementary

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



57.4400, 22.0080, -2.3760



48.5600, -22.0080, 2.3760

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.



56.4510, -20.0830, 6.0370



57.4400, 22.0080, -2.3760



46.9330, -42.5920, -10.0480

Square

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



57.4400, 22.0080, -2.3760



51.1730, -17.1450, -14.1770



47.7960, -43.4640, -5.2560



59.7880, 12.8810, 14.3610

Rectangle

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



57.4400, 22.0080, -2.3760



55.0740, 5.1830, -11.3370



47.7960, -43.4640, -5.2560



58.7300, -7.5670, 10.4890

Sweetspot

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



57.4400, 22.0080, -2.3760



91.6650, 8.2530, -0.8910



46.2020, 20.5830, 17.9510



46.1100, 5.5020, -0.5940



179.0000, -0.0000, -0.0000



51.0000, -0.0000, -0.0000

Same Dimension

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



57.4400, 22.0080, -2.3760



68.8450, 33.9290, -3.6630



70.9410, 15.6830, -14.4050



36.3700, 1.8340, -0.1980



60.4350, 46.7670, -5.0490



136.2750, 105.4550, -11.3850

Inverse Universe

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



48.5600, -22.0080, 2.3760



55.1550, -33.9290, 3.6630



35.0590, -15.6830, 14.4050



35.6300, -1.8340, 0.1980



41.5650, -46.7670, 5.0490



93.7250, -105.4550, 11.3850

Previews

White Background



This preview shows how the YIQ color 57.4400, 22.0080, -2.3760 looks on a white background.

Color Contrast Check

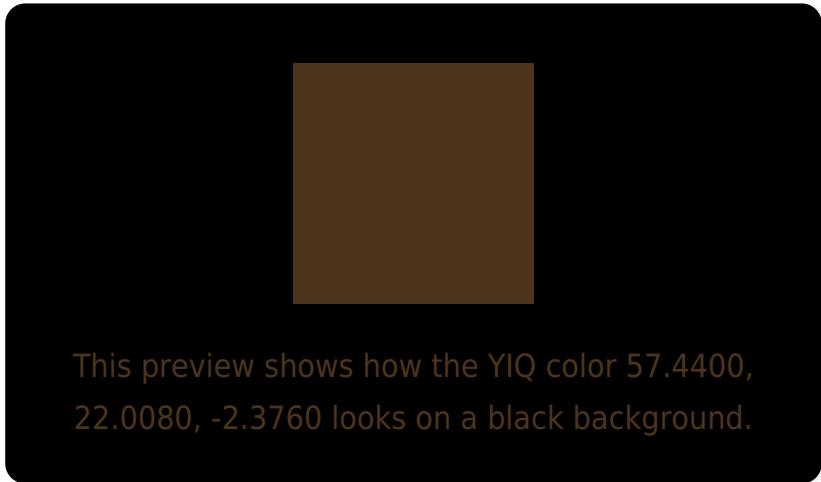
Large Text (above 18pt) WCAG AA ✓ Pass

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

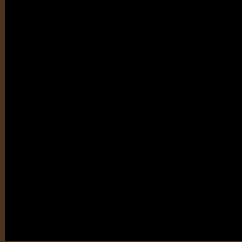
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 57.4400, 22.0080, -2.3760

Background



This preview shows how black text looks on a background with the YIQ color 57.4400, 22.0080, -2.3760.



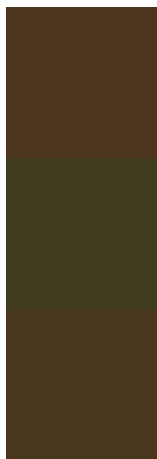
This preview shows how white text looks on a background with the YIQ color 57.4400, 22.0080,

-2.3760.

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

57.4400, 22.0080, -2.3760

Protanopia

56.7160, 12.2430, -7.1250

Deuteranopia

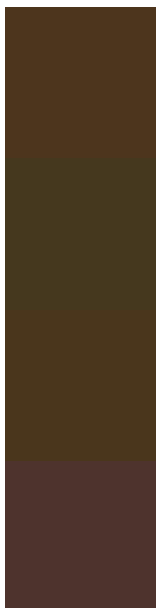
57.0050, 18.7990, -4.7930



Tritanopia

59.1270, 16.0000, 7.3920

Trichromacy



Original Color

57.4400, 22.0080, -2.3760

Protanomaly

56.9230, 16.0940, -5.3300

Deuteranomaly

57.0160, 20.2660, -3.8460

Tritanomaly

58.3890, 18.0180, 3.8580

Monochromacy



Original Color

57.4400, 22.0080, -2.3760

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

57.3660, 7.6570, -1.1030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 57.4400, 22.0080, -2.3760 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(77, 53, 29)` looks like.

```
.text, #text, p{  
    color:rgb(77, 53, 29)  
}
```

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(77, 53, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 53, 29) }
```

Border

The CSS property to change the border of an element to YIQ 57.4400, 22.0080, -2.3760 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(77, 53, 29) }
```


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

```
.border{ border-color:rgb(77, 53, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 53, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 53, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 53, 29);  
box-shadow:4px 4px 4px 4px rgb(77, 53, 29)  
}
```

Background

The CSS property to change the background color of an element to YIQ 57.4400, 22.0080, -2.3760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 53, 29) }
```

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

```
.background{ background-color: rgb(77, 53,  
29) }
```

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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