

Converting Colors

YIQ(47.0070, 24.4850, -8.7230)

Have a look what the booklet for
YIQ(47.0070, 24.4850, -8.7230)
contains.

YIQ(47.0070, 24.4850, -8.7230)	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(47.0070, 24.4850,
-8.7230)**

Conversions

Conversions Part 1

Format	Color
Hex	412E05
RGB	65, 46, 5
RGB Percent	25%, 18%, 2%
CMY	0.7451, 0.8196, 0.9803
CMYK	0.00, 0.29, 0.92, 0.75
HSL	41°, 86%, 14%
HSV	41°, 92%, 25%
XYZ	3.1846, 3.0884, 0.5728
YIQ	47.0070, 24.4850, -8.7230

Conversions

Conversions Part 2

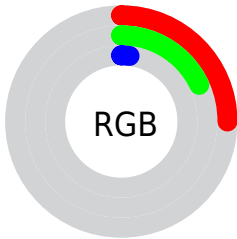
Format	Color
RYB	33, 65, 5
Decimal	4271621
CIELab	20.39, 4.32, 26.97
CIElCh	20, 27.313, 80.903
Yxy	3.0884, 0.4652, 0.4511
Android (android.graphics.Color)	4282461701 (0xFF412E05)
YUV	47.0070, -20.7095, 15.7799
Hunter-Lab	17.5738, 1.5920, 10.3692

Details

The YIQ color **47.0070, 24.4850, -8.7230** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **22.9930, -24.4850, 8.7230**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **94.2030, 26.8690, -7.8750**, and **3.8870, 7.7480, 2.7560** is the 20% darker color. If you saturate the color by 10%, you get **45.2630, 26.6400, -9.2320**, and if you desaturate by 10%, it is **48.9790, 21.6880, -7.5920**.

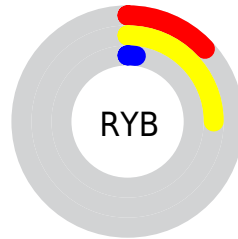
Distribution



Red (25%)

Green (18%)

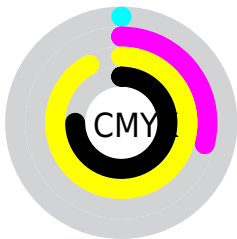
Blue (2%)



Red (13%)

Yellow (25%)

Blue (2%)

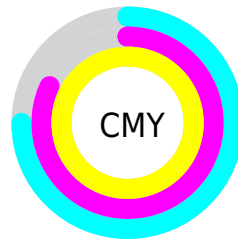


Cyan (0%)

Magenta (29%)

Yellow (92%)

Black (75%)



Cyan (75%)

Magenta (82%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 47.0070, 24.4850, -8.7230 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 47.0070, 24.4850, -8.7230 by changing the saturation by 10% instead.

■ 47.0070, 24.4850,
-8.7230

■ 47.0070, 24.4850,
-8.7230

■ 252.3780, 7.3830,
-7.1530

■ 26.9340, 17.5610,
-4.3830

■ 94.2030, 26.8690,
-7.8750

■ 3.8870, 7.7480,
2.7560

■ 118.9860, 28.9780,
-7.5500

■ 0.0000, 0.0000,
0.0000

■ 145.0570, 30.2160,
-7.9600

■ 171.5410, 31.7290,
-7.8470

■ 199.0250, 33.2420,
-7.7340

■ 227.2100, 34.1590,

-7.8330

■ 247.4250, 17.1960,
-14.2920

■ 47.0070, 24.4850,
-8.7230

■ 47.0070, 24.4850,
-8.7230

■ 45.2630, 26.6400,
-9.2320

■ 48.9790, 21.6880,
-7.5920

■ 50.8370, 19.2120,
-6.7720

■ 52.8090, 16.4150,
-5.6410

■ 54.6670, 13.9390,
-4.8210

■ 56.6390, 11.1420,
-3.6900

■ 58.4970, 8.6660,
-2.8700

■ 60.4690, 5.8690,
-1.7390

■ 62.3270, 3.3930,
-0.9190

■ 64.8860, 0.3210,
-0.3110

Harmonies

Analogous

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



47.9790, 30.8560, 2.4720



47.0070, 24.4850, -8.7230



45.0760, 10.8690, -15.2670

Triad

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



47.0070, 24.4850, -8.7230



41.8150, -36.4480, -11.2640



50.8890, 5.4070, 17.6550

Complementary

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



47.0070, 24.4850, -8.7230



22.9930, -24.4850, 8.7230

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.



48.5810, -17.3330, 11.2670



47.0070, 24.4850, -8.7230



42.5790, -41.3550, -4.9310

Square

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



47.0070, 24.4850, -8.7230



38.8340, -29.4320, -17.2720



41.2570, -43.1440, -0.0400



49.0990, 22.3710, 18.5870

Rectangle

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



47.0070, 24.4850, -8.7230



43.4920, -2.1060, -16.9060



41.2570, -43.1440, -0.0400



51.1270, -1.1950, 16.1570

Sweetspot

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



47.0070, 24.4850, -8.7230



77.2690, 9.3080, -3.4920



25.2200, 29.3400, 18.9400



39.0560, 5.5940, -2.2620



171.0000, -0.0000, -0.0000



43.0000, -0.0000, -0.0000

Same Dimension

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



47.0070, 24.4850, -8.7230



58.5750, 34.3890, -12.0030



55.1700, 13.3000, -20.7800



32.0710, 1.2380, -0.4100



67.7450, 39.6620, -13.9540



156.7870, 91.4290, -32.5310

Inverse Universe

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



22.9930, -24.4850, 8.7230



25.4250, -34.3890, 12.0030



14.8300, -13.3000, 20.7800



30.9290, -1.2380, 0.4100



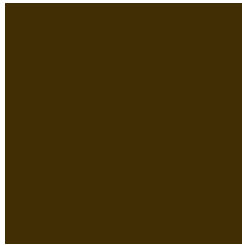
29.2550, -39.6620, 13.9540



67.2130, -91.4290, 32.5310

Previews

White Background



This preview shows how the YIQ color 47.0070, 24.4850, -8.7230 looks on a white background.

Color Contrast Check

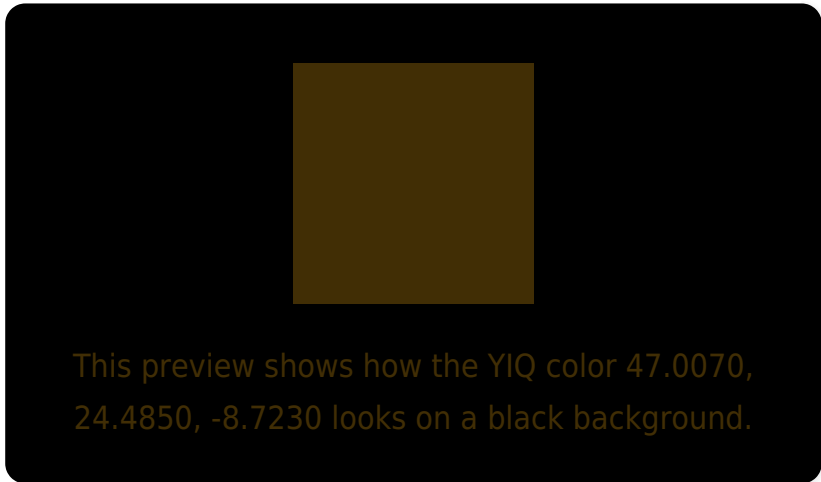
Large Text (above 18pt) WCAG AA ✓ Pass

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

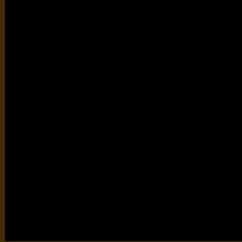
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 47.0070, 24.4850, -8.7230

Background



This preview shows how black text looks on a background with the YIQ color 47.0070, 24.4850, -8.7230.



This preview shows how white text looks on a background with the YIQ color 47.0070, 24.4850,

-8.7230.

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

47.0070, 24.4850, -8.7230

Protanopia

46.7780, 17.7000, -12.4120

Deuteranopia

46.7680, 23.6600, -10.2920



Tritanopia

50.5180, 13.3410, 6.0210

Trichromacy



Original Color

47.0070, 24.4850, -8.7230

Protanomaly

47.0880, 19.7630, -11.2530

Deuteranomaly

47.1810, 23.9350, -9.7690

Tritanomaly

49.0960, 17.2850, 0.6210

Monochromacy



Original Color

47.0070, 24.4850, -8.7230

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

47.3830, 8.9870, -3.1810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 47.0070, 24.4850, -8.7230 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(65, 46, 5)` looks like.

```
.text, #text, p{  
    color:rgb(65, 46, 5)  
}
```

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(65, 46, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 46, 5) }
```

Border

The CSS property to change the border of an element to YIQ 47.0070, 24.4850, -8.7230 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(65, 46, 5) }
```


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

```
.border{ border-color:rgb(65, 46, 5) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 46, 5)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 46, 5); -webkit-box-shadow:4px  
4px 4px 4px rgb(65, 46, 5); box-shadow:4px  
4px 4px 4px rgb(65, 46, 5) }
```

Background

The CSS property to change the background color of an element to YIQ 47.0070, 24.4850, -8.7230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 46, 5) }
```

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

```
.background{ background-color: rgb(65, 46,  
5) }
```

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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