

Converting Colors

YIQ(47.2640, -19.8000,
-37.6560)

Have a look what the booklet for
YIQ(47.2640, -19.8000, -37.6560)
contains.

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Color

**YIQ(47.2640, -19.8000,
-37.6560)**

Conversions

Conversions Part 1

Format	Color
Hex	054D05
RGB	5, 77, 5
RGB Percent	2%, 30%, 2%
CMY	0.9806, 0.6979, 0.9804
CMYK	0.94, 0.00, 0.94, 0.70
HSL	120°, 88%, 16%
HSV	120°, 94%, 30%
XYZ	2.7452, 5.3548, 1.0323
YIQ	47.2640, -19.8000, -37.6560

Conversions

Conversions Part 2

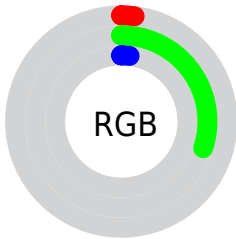
Format	Color
RYB	5, 77, 77
Decimal	347397
CIELab	27.72, -35.05, 33.05
CIELCh	28, 48.178, 136.679
Yxy	5.3548, 0.3006, 0.5864
Android (android.graphics.Color)	4278537477 (0xFF054D05)
YUV	47.2640, -20.8362, -37.0655
Hunter-Lab	23.1405, -19.3197, 13.5534

Details

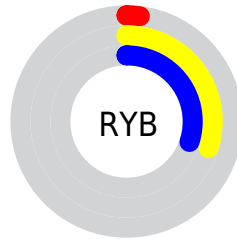
The YIQ color **47.2640, -19.8000, -37.6560** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **34.7360, 19.8000, 37.6560**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **100.1400, -13.5190, -35.8470**, and **19.9580, -9.3500, -17.7820** is the 20% darker color. If you saturate the color by 10%, you get **45.1990, -21.1750, -40.2710**, and if you desaturate by 10%, it is **50.5680, -17.6000, -33.4720**.

Distribution



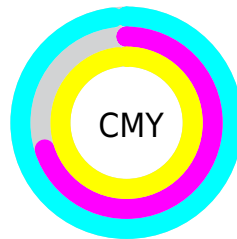
- Red (2%)
- Green (30%)
- Blue (2%)



- Red (2%)
- Yellow (30%)
- Blue (30%)



- Cyan (94%)
- Magenta (0%)
- Yellow (94%)
- Black (70%)





- Cyan (98%)
- Magenta (70%)
- Yellow (98%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 47.2640, -19.8000, -37.6560 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 47.2640, -19.8000, -37.6560 by changing the saturation by 10% instead.


 47.2640, -19.8000,
-37.6560


 47.2640, -19.8000,
-37.6560

 253.1760, 5.1360,
-4.9760


 31.1110, -14.5750,
-27.7190


 100.1400,
-13.5190, -35.8470

 19.9580, -9.3500,
-17.7820

 125.9120,
-12.8770, -36.4690

 0.0000, 0.0000,
0.0000

 152.6840,
-12.2350, -37.0910

 180.1570,
-12.1890, -37.9250

 208.2170,
-12.4180, -39.2820

 230.3470, -9.6680,

-34.0520

■ 242.0960, -1.0510,
-19.5070

■ 47.2640, -19.8000,
-37.6560

■ 47.2640, -19.8000,
-37.6560

■ 45.1990, -21.1750,
-40.2710

■ 50.5680, -17.6000,
-33.4720

■ 53.4590, -15.6750,
-29.8110

■ 56.7630, -13.4750,
-25.6270

■ 60.0670, -11.2750,
-21.4430

■ 62.9580, -9.3500,
-17.7820

■ 66.2620, -7.1500,
-13.5980

■ 69.5660, -4.9500,
-9.4140

■ 72.8700, -2.7500,
-5.2300

■ 75.7610, -0.8250,
-1.5690

Harmonies

Analogous

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



59.6280, 17.7020, -23.4660



47.2640, -19.8000, -37.6560



52.3180, -37.0870, -27.2230

Triad

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



47.2640, -19.8000, -37.6560



59.7570, -64.9230, 3.6930



55.0820, 56.5720, 32.0280

Complementary

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



47.2640, -19.8000, -37.6560



34.7360, 19.8000, 37.6560

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.



58.9680, 39.6980, 40.4820



47.2640, -19.8000, -37.6560



52.5990, -61.3020, 9.6580

Square

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



47.2640, -19.8000, -37.6560



60.5260, -60.1990, -4.8310



66.6740, 5.1750, 32.8790



59.3150, 56.3930, 7.7290

Rectangle

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



47.2640, -19.8000, -37.6560



55.8690, -45.7080, -19.6600



66.6740, 5.1750, 32.8790



54.6890, 53.5450, 37.3290

Sweetspot

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



47.2640, -19.8000, -37.6560



87.8490, -7.4250, -14.1210



68.7920, 23.1120, -22.3920



43.9790, -4.6750, -8.8910



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.



47.2640, -19.8000, -37.6560



58.1130, -27.2250, -51.7770



51.3680, -31.3560, -26.4600



36.3480, -1.1000, -2.0920



59.8740, -28.0500, -53.3460



135.0100, -63.2500, -120.2900

Inverse Universe

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



34.7360, 19.8000, 37.6560



40.8870, 27.2250, 51.7770



30.6320, 31.3560, 26.4600



35.6520, 1.1000, 2.0920



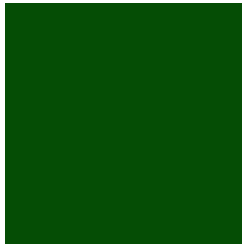
42.1260, 28.0500, 53.3460



94.8760, 63.5710, 119.9790

Previews

White Background



This preview shows how the YIQ color 47.2640, -19.8000, -37.6560 looks on a white background.

Color Contrast Check

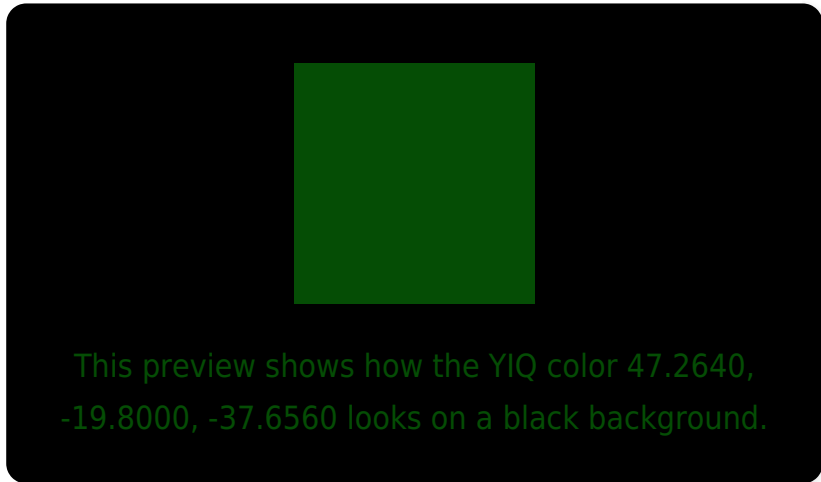
Large Text (above 18pt) WCAG AA ✓ Pass

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

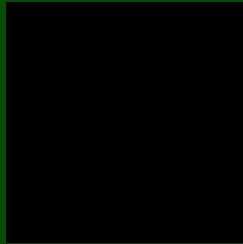
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 47.2640, -19.8000, -37.6560

Background



This preview shows how black text looks on a background with the YIQ color 47.2640, -19.8000, -37.6560.



This preview shows how white text looks on a background with the YIQ color 47.2640, -19.8000,

-37.6560.

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

47.2640, -19.8000, -37.6560

Protanopia

60.8680, 25.9540, -18.8300

Deuteranopia

63.1490, 26.9610, -9.5430



Tritanopia

60.9090, -24.8490, -6.7130

Trichromacy



Original Color

47.2640, -19.8000, -37.6560

Protanomaly

55.9690, 9.3120, -25.6000

Deuteranomaly

57.2560, 10.1820, -19.3380

Tritanomaly

56.1290, -23.0130, -17.9650

Monochromacy



Original Color

47.2640, -19.8000, -37.6560

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

47.2620, -7.1500, -13.5980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 47.2640, -19.8000, -37.6560 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(5, 77, 5)` looks like.

```
.text, #text, p{  
    color:rgb(5, 77, 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(5, 77, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 77, 5) }
```

Border

The CSS property to change the border of an element to YIQ 47.2640, -19.8000, -37.6560 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(5, 77, 5) }
```


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

```
.border{ border-color:rgb(5, 77, 5) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 77, 5)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 77, 5); -webkit-box-shadow:4px  
4px 4px 4px rgb(5, 77, 5); box-shadow:4px  
4px 4px 4px rgb(5, 77, 5) }
```

Background

The CSS property to change the background color of an element to YIQ 47.2640, -19.8000, -37.6560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 77, 5) }
```

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

```
.background{ background-color: rgb(5, 77,  
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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