

Converting Colors

YIQ(75.5440, 35.6740, -18.7740)

Have a look what the booklet for
YIQ(75.5440, 35.6740, -18.7740)
contains.

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Color

**YIQ(75.5440, 35.6740,
-18.7740)**

Conversions

Conversions Part 1

Format	Color
Hex	624E04
RGB	98, 78, 4
RGB Percent	38%, 31%, 2%
CMY	0.6157, 0.6941, 0.9841
CMYK	0.00, 0.20, 0.96, 0.62
HSL	47°, 92%, 20%
HSV	47°, 96%, 38%
XYZ	7.7830, 8.0531, 1.2605
YIQ	75.5440, 35.6740, -18.7740

Conversions

Conversions Part 2

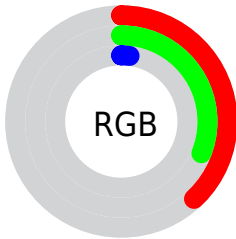
Format	Color
RYB	29, 98, 4
Decimal	6442500
CIELab	34.09, 1.20, 41.12
CIELCh	34, 41.141, 88.323
Yxy	8.0531, 0.4552, 0.4710
Android (android.graphics.Color)	4284632580 (0xFF624E04)
YUV	75.5440, -35.2712, 19.6939
Hunter-Lab	28.3780, -0.7058, 17.2310

Details

The YIQ color **75.5440, 35.6740, -18.7740** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **26.4560, -35.6740, 18.7740**, and the grayscale version is **76.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **126.3810, 37.6910, -16.7810**, and **34.0110, 18.6620, -7.8180** is the 20% darker color. If you saturate the color by 10%, you get **74.5010, 37.2330, -19.4950**, and if you desaturate by 10%, it is **77.8580, 31.9140, -16.7100**.

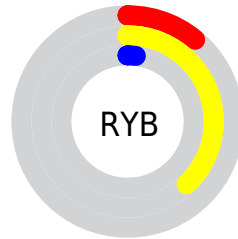
Distribution



Red (38%)

Green (31%)

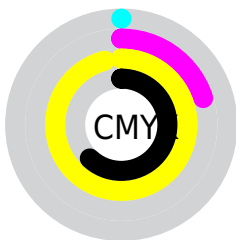
Blue (2%)



Red (11%)

Yellow (38%)

Blue (2%)

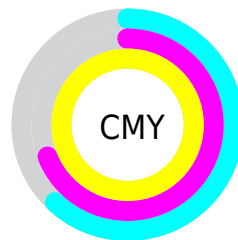


Cyan (0%)

Magenta (20%)

Yellow (96%)

Black (62%)



Cyan (62%)

Magenta (69%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 75.5440, 35.6740, -18.7740 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 75.5440, 35.6740, -18.7740 by changing the saturation by 10% instead.

■ 75.5440, 35.6740,
-18.7740

■ 75.5440, 35.6740,
-18.7740

■ 253.6320, 3.8520,
-3.7320

■ 54.1120, 28.3830,
-13.2890

■ 126.3810, 37.6910,
-16.7810

■ 34.0110, 18.6620,
-7.8180

■ 152.8650, 39.2040,
-16.6680

■ 14.2090, 9.5370,
-2.1350

■ 179.6480, 41.3130,
-16.3430

■ 0.0000, 0.0000,
0.0000

■ 207.7190, 42.5510,
-16.7530

■ 232.2020, 36.6370,
-19.7070

■ 247.1340, 22.1490,

-21.4590

■ 250.3260, 13.1610,
-12.7510

■ 75.5440, 35.6740,
-18.7740

■ 75.5440, 35.6740,
-18.7740

■ 74.5010, 37.2330,
-19.4950

■ 77.8580, 31.9140,
-16.7100

■ 80.1720, 28.1540,
-14.6460

■ 82.3720, 24.7150,
-12.8930

■ 84.6860, 20.9550,
-10.8290

■ 87.0000, 17.1950,
-8.7650

■ 89.9010, 13.1600,
-7.2240

■ 92.2150, 9.4000,
-5.1600

■ 94.4150, 5.9610,
-3.4070

■ 96.7290, 2.2010,
-1.3430

Harmonies

Analogous

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



77.5540, 48.0500, -0.7660



75.5440, 35.6740, -18.7740



72.5130, 10.5960, -26.8440

Triad

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



75.5440, 35.6740, -18.7740



68.3050, -61.4350, -15.4750



82.4380, 17.4630, 30.4470

Complementary

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



75.5440, 35.6740, -18.7740



26.4560, -35.6740, 18.7740

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.



80.7200, -18.8020, 21.3740



75.5440, 35.6740, -18.7740



69.3940, -68.6350, -6.1310

Square

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



75.5440, 35.6740, -18.7740



64.5430, -50.8420, -25.7380



66.5390, -70.2410, 0.9510



78.6010, 41.8090, 29.7530

Rectangle

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



75.5440, 35.6740, -18.7740



68.3560, -13.8870, -29.1750



66.5390, -70.2410, 0.9510



82.5230, 6.9180, 28.8220

Sweetspot

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



75.5440, 35.6740, -18.7740



119.0860, 14.0770, -7.3230



34.3860, 49.6040, 26.1480



58.4430, 8.7580, -4.5380



191.0000, -0.0000, -0.0000



64.0000, -0.0000, -0.0000

Same Dimension

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



75.5440, 35.6740, -18.7740



96.9720, 48.7880, -25.1640



79.2110, 14.0820, -34.9580



46.9570, 1.5590, -0.7210



85.1440, 42.5520, -22.2800



182.7030, 91.0650, -47.9670

Inverse Universe

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



26.4560, -35.6740, 18.7740



30.4410, -48.5130, 25.6870



22.7890, -14.0820, 34.9580



45.0430, -1.5590, 0.7210



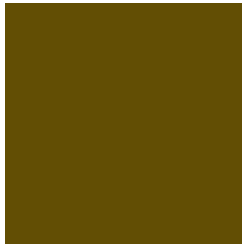
26.8560, -42.5520, 22.2800



57.2970, -91.0650, 47.9670

Previews

White Background



This preview shows how the YIQ color 75.5440, 35.6740, -18.7740 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



This preview shows how the YIQ color 75.5440, 35.6740, -18.7740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

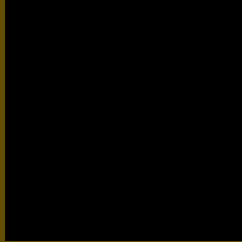
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 75.5440, 35.6740, -18.7740

Background



This preview shows how black text looks on a background with the YIQ color 75.5440, 35.6740, -18.7740.



This preview shows how white text looks on a background with the YIQ color 75.5440, 35.6740, -18.7740.

-18.7740.

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

75.5440, 35.6740, -18.7740

Protanopia

75.4400, 30.0350, -21.2050

Deuteranopia

75.9080, 37.6450, -15.9470



Tritanopia

81.6540, 15.9540, 8.2260

Trichromacy



Original Color

75.5440, 35.6740, -18.7740

Protanomaly

75.6360, 32.4190, -20.3570

Deuteranomaly

76.0820, 37.0950, -16.9930

Tritanomaly

79.4510, 23.4750, -1.4290

Monochromacy



Original Color

75.5440, 35.6740, -18.7740

Achromatopsia

76.0000, -0.0000, -0.0000

Achromatomaly

76.0150, 12.8390, -6.9130

CSS Examples

Text

The CSS property to change the color of the text to YIQ 75.5440, 35.6740, -18.7740 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(98, 78, 4)` looks like.

```
.text, #text, p{  
    color:rgb(98, 78, 4)  
}
```

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(98, 78, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 78, 4) }
```

Border

The CSS property to change the border of an element to YIQ 75.5440, 35.6740, -18.7740 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(98, 78, 4) }
```


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

```
.border{ border-color:rgb(98, 78, 4) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 78, 4)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 78, 4); -webkit-box-shadow:4px  
4px 4px 4px rgb(98, 78, 4); box-shadow:4px  
4px 4px 4px rgb(98, 78, 4) }
```

Background

The CSS property to change the background color of an element to YIQ 75.5440, 35.6740, -18.7740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 78, 4) }
```

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

```
.background{ background-color: rgb(98, 78,  
4) }
```

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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