

Converting Colors

YIQ(97.7540, 18.2480, -0.3120)

Have a look what the booklet for
YIQ(97.7540, 18.2480, -0.3120)
contains.

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Color

**YIQ(97.7540, 18.2480,
-0.3120)**

Conversions

Conversions Part 1

Format	Color
Hex	735D4D
RGB	115, 93, 77
RGB Percent	45%, 36%, 30%
CMY	0.5490, 0.6353, 0.6980
CMYK	0.00, 0.19, 0.33, 0.55
HSL	25°, 20%, 38%
HSV	25°, 33%, 45%
XYZ	12.3255, 12.0088, 8.6935
YIQ	97.7540, 18.2480, -0.3120

Conversions

Conversions Part 2

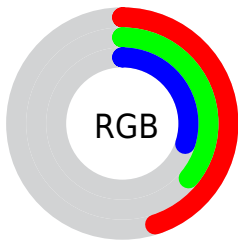
Format	Color
R_{YB}	115, 105, 77
Decimal	7560525
CIE Lab	41.23, 6.40, 12.55
CIE LCh	41, 14.089, 62.986
Yxy	12.0088, 0.3732, 0.3636
Android (android.graphics.Color)	4285750605 (0xFF735D4D)
YUV	97.7540, -10.2317, 15.1247
Hunter-Lab	34.6537, 2.8444, 9.3836

Details

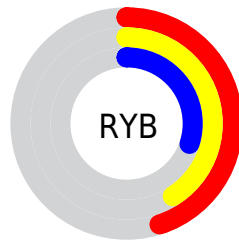
The YIQ color **97.7540, 18.2480, -0.3120** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **94.2460, -18.2480, 0.3120**, and the grayscale version is **98.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **148.5370, 20.3570, 0.0130**, and **51.0850, 15.8180, -0.3260** is the 20% darker color. If you saturate the color by 10%, you get **92.3910, 23.7040, -0.0720**, and if you desaturate by 10%, it is **103.2310, 12.4710, -0.2410**.

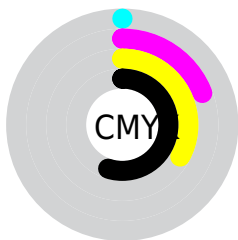
Distribution



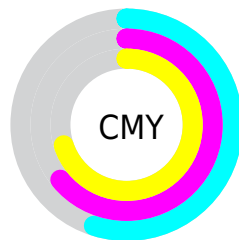
- Red (45%)
- Green (36%)
- Blue (30%)



- Red (45%)
- Yellow (41%)
- Blue (30%)



- Cyan (0%)
- Magenta (19%)
- Yellow (33%)
- Black (55%)



- Cyan (55%)
- Magenta (64%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 97.7540, 18.2480, -0.3120 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 97.7540, 18.2480, -0.3120 by changing the saturation by 10% instead.

■ 97.7540, 18.2480,
-0.3120

■ 97.7540, 18.2480,
-0.3120

■ 255.0000, -0.0000,
-0.0000

■ 73.5690, 17.3310,
-0.2130

■ 148.5370, 20.3570,
0.0130

■ 51.0850, 15.8180,
-0.3260

■ 175.4230, 20.6780,
-0.2980

■ 29.3730, 14.9470,
-1.0610

■ 202.7220, 21.2740,
-0.0860

■ 5.9800, 11.9200,
4.2400

■ 230.9070, 22.1910,
-0.1850

■ 0.0000, 0.0000,
0.0000

■ 252.0190, 7.0160,
-6.0080

■ 97.7540, 18.2480,
-0.3120

■ 97.7540, 18.2480,
-0.3120

■ 92.3910, 23.7040,
-0.0720

■ 103.2310, 12.4710,
-0.2410

■ 87.5010, 29.2060,
-0.6660

■ 108.0070, 7.2900,
0.0420

■ 82.1380, 34.6620,
-0.4260

■ 113.4840, 1.5130,
0.1130

■ 76.6610, 40.4390,
-0.4970

■ 118.8470, -3.9430,
-0.1270

■ 71.8850, 45.6200,
-0.7800

■ 123.7370, -9.4450,
0.4670

■ 66.4080, 51.3970,
-0.8510

■ 129.1000,
-14.9010, 0.2270

■ 62.5610, 55.3400,
-0.7240

■ 134.5770,
-20.6780, 0.2980

■ 139.3530,

-25.8590, 0.5810

■ 144.8300,
-31.6360, 0.6520

Harmonies

Analogous

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



98.6990, 20.0810, 5.0170



97.7540, 18.2480, -0.3120



96.7700, 12.1510, -5.4570

Triad

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



97.7540, 18.2480, -0.3120



92.8510, -18.9340, -9.2860



98.7150, -3.2110, 8.6370

Complementary

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



97.7540, 18.2480, -0.3120



94.2460, -18.2480, 0.3120

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.



96.6210, -14.8100, 4.0860



97.7540, 18.2480, -0.3120



92.3220, -24.5740, -6.1900

Square

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



97.7540, 18.2480, -0.3120



93.8860, -8.8470, -10.3750



93.8540, -23.0160, -1.3840



99.5160, 7.6550, 9.9510

Rectangle

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



97.7540, 18.2480, -0.3120



95.7800, 6.1910, -7.5770



93.8540, -23.0160, -1.3840



97.9210, -6.7870, 7.3650

Sweetspot

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



97.7540, 18.2480, -0.3120



143.5940, 7.0150, -0.4810



90.8700, 15.5860, 14.8980



72.3380, 4.8600, 0.0280



204.0000, -0.0000, -0.0000



77.0000, -0.0000, -0.0000

Same Dimension

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



97.7540, 18.2480, -0.3120



123.2020, 28.6100, -0.8780



108.9070, 13.0230, -10.2490



55.9680, 3.0260, 0.2260



66.4150, 58.6870, -0.8090



136.3850, 120.1250, -1.9150

Inverse Universe

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



94.2460, -18.2480, 0.3120



117.3850, -28.8850, 0.3550



83.0930, -13.0230, 10.2490



55.4450, -2.7510, 0.2970



55.5850, -58.6870, 0.8090



113.6150, -120.1250, 1.9150

Previews

White Background



This preview shows how the YIQ color 97.7540, 18.2480, -0.3120 looks on a white background.

Color Contrast Check

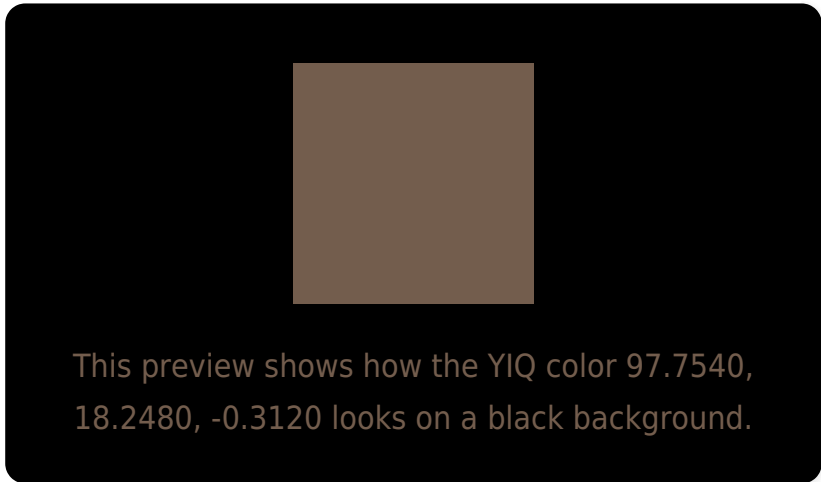
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

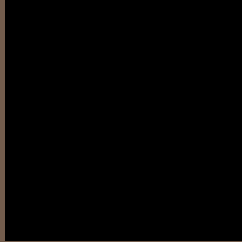
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 97.7540, 18.2480, -0.3120

Background



This preview shows how black text looks on a background with the YIQ color 97.7540, 18.2480, -0.3120.



This preview shows how white text looks on a background with the YIQ color 97.7540, 18.2480,

-0.3120.

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

97.7540, 18.2480, -0.3120

Protanopia

96.7420, 9.3540, -4.3260

Deuteranopia

98.0420, 17.3770, -1.0470



Tritanopia

98.8710, 13.8450, 7.9010

Trichromacy



Original Color

97.7540, 18.2480, -0.3120

Protanomaly

97.2370, 12.3340, -3.2660

Deuteranomaly

98.0420, 17.3770, -1.0470

Tritanomaly

98.3610, 15.2210, 4.9890

Monochromacy



Original Color

97.7540, 18.2480, -0.3120

Achromatopsia

98.0000, -0.0000, -0.0000

Achromatomaly

97.7080, 6.6940, -0.1700

CSS Examples

Text

The CSS property to change the color of the text to YIQ 97.7540, 18.2480, -0.3120 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(115, 93, 77)` looks like.

```
.text, #text, p{  
    color:rgb(115, 93, 77)  
}
```

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(115, 93, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 93, 77) }
```

Border

The CSS property to change the border of an element to YIQ 97.7540, 18.2480, -0.3120 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(115, 93, 77) }
```


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

```
.border{ border-color:rgb(115, 93, 77) }
```

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

Here you see how a box with a 4 pixel rgb(115, 93, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 93, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 93, 77);  
box-shadow:4px 4px 4px 4px rgb(115, 93,  
77) }
```

Background

The CSS property to change the background color of an element to YIQ 97.7540, 18.2480, -0.3120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 93, 77) }
```

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

```
.background{ background-color: rgb(115, 93,  
77) }
```

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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