

Converting Colors

YIQ(123.3270, 37.7830,
-18.4490)

Have a look what the booklet for
YIQ(123.3270, 37.7830, -18.4490)
contains.

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Color

**YIQ(123.3270, 37.7830,
-18.4490)**

Conversions

Conversions Part 1

Format	Color
Hex	947D32
RGB	148, 125, 50
RGB Percent	58%, 49%, 20%
CMY	0.4196, 0.5098, 0.8037
CMYK	0.00, 0.16, 0.66, 0.42
HSL	46°, 49%, 39%
HSV	46°, 66%, 58%
XYZ	20.1223, 21.1916, 6.0534
YIQ	123.3270, 37.7830, -18.4490

Conversions

Conversions Part 2

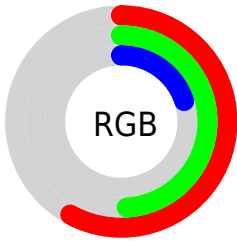
Format	Color
R_{YB}	80, 148, 50
Decimal	9731378
CIE _{Lab}	53.16, -0.10, 42.91
CIE _{LCh}	53, 42.906, 90.129
Yxy	21.1916, 0.4248, 0.4474
Android (android.graphics.Color)	4287921458 (0xFF947D32)
YUV	123.3270, -36.1502, 21.6382
Hunter-Lab	46.0343, -2.5348, 24.4275

Details

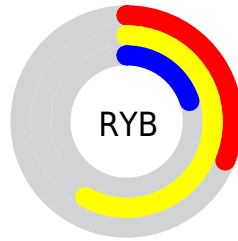
The YIQ color **123.3270, 37.7830, -18.4490** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **74.6730, -37.7830, 18.4490**, and the grayscale version is **124.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **176.5940, 41.4050, -18.0110**, and **72.7180, 35.1240, -19.8200** is the 20% darker color. If you saturate the color by 10%, you get **119.8560, 43.4230, -21.5450**, and if you desaturate by 10%, it is **126.7980, 32.1430, -15.3530**.

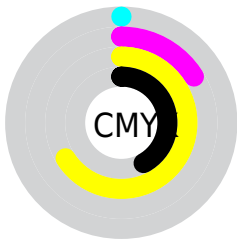
Distribution



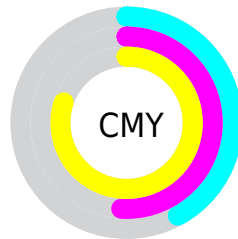
- Red (58%)
- Green (49%)
- Blue (20%)



- Red (31%)
- Yellow (58%)
- Blue (20%)



- Cyan (0%)
- Magenta (16%)
- Yellow (66%)
- Black (42%)



- Cyan (42%)
- Magenta (51%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 123.3270, 37.7830, -18.4490 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 123.3270, 37.7830, -18.4490 by changing the saturation by 10% instead.

■ 123.3270, 37.7830,
-18.4490

■ 123.3270, 37.7830,
-18.4490

■ 255.0000, -0.0000,
-0.0000

■ 97.7290, 36.5910,
-18.8730

■ 176.5940, 41.4050,
-18.0110

■ 72.7180, 35.1240,
-19.8200

■ 204.6650, 42.6430,
-18.4210

■ 52.3290, 26.2740,
-13.6140

■ 230.3440, 39.1130,
-20.5270

■ 32.2280, 16.5530,
-8.1430

■ 246.4500, 24.0750,
-23.3250

■ 11.2410, 6.5110,
-2.3610

■ 249.6420, 15.0870,
-14.6170

■ 0.0000, 0.0000,
0.0000

■ 252.8340, 6.0990,

-5.9090

■ 123.3270, 37.7830,
-18.4490

■ 123.3270, 37.7830,
-18.4490

■ 119.8560, 43.4230,
-21.5450

■ 126.7980, 32.1430,
-15.3530

■ 115.7980, 49.3380,
-24.1180

■ 130.8560, 26.2280,
-12.7800

■ 112.4410, 54.6570,
-26.9030

■ 134.2130, 20.9090,
-9.9950

■ 110.5830, 57.1330,
-27.7230

■ 138.2710, 14.9940,
-7.4220

■ 141.7420, 9.3540,
-4.3260

■ 145.8000, 3.4390,
-1.7530

■ 149.2710, -2.2010,
1.3430

■ 153.2150, -7.7950,
3.6050

■ 156.6860,
-13.4350, 6.7010

Harmonies

Analogous

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



125.2620, 54.7440, -0.9360



123.3270, 37.7830, -18.4490



119.8610, 9.4960, -28.9360

Triad

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



123.3270, 37.7830, -18.4490



103.6970, -92.1980, -25.1420



130.5850, 21.5430, 33.5990

Complementary

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



123.3270, 37.7830, -18.4490



74.6730, -37.7830, 18.4490

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.



129.0240, -16.6020, 25.5580



123.3270, 37.7830, -18.4490



103.8400, -99.4900, -14.1300

Square

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



123.3270, 37.7830, -18.4490



99.4790, -80.3210, -36.6490



116.2560, -67.7660, 5.6580



128.3630, 48.4110, 31.2510

Rectangle

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



123.3270, 37.7830, -18.4490



115.8780, -15.5370, -32.3130



116.2560, -67.7660, 5.6580



130.5990, 9.7600, 32.3840

Sweetspot

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



123.3270, 37.7830, -18.4490



181.3850, 14.6730, -7.1110



82.1520, 50.3830, 28.5510



90.8560, 9.0330, -4.0150



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000

Same Dimension

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



123.3270, 37.7830, -18.4490



153.2410, 58.0960, -28.6560



129.6520, 17.1540, -35.5660



72.0280, 2.7970, -1.1310



102.8970, 53.3730, -25.6590



7.6860, 3.7600, -2.0640

Inverse Universe

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



74.6730, -37.7830, 18.4490



78.3460, -58.3710, 28.1330



68.6470, -16.5580, 35.7780



68.3850, -2.5220, 1.6540



34.5160, -53.0980, 26.1820



2.3140, -3.7600, 2.0640

Previews

White Background



This preview shows how the YIQ color 123.3270, 37.7830, -18.4490 looks on a white 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

Black Background



This preview shows how the YIQ color 123.3270, 37.7830, -18.4490 looks on a black 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

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

YIQ 123.3270, 37.7830, -18.4490

Background



This preview shows how black text looks on a background with the YIQ color 123.3270, 37.7830, -18.4490.



This preview shows how white text looks on a background with the YIQ color 123.3270, 37.7830, -18.4490.

-18.4490.

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

123.3270, 37.7830, -18.4490

Protanopia

122.8210, 33.3360, -20.4560

Deuteranopia

124.0830, 44.5220, -13.9260



Tritanopia

129.0890, 19.1630, 10.6430

Trichromacy



Original Color

123.3270, 37.7830, -18.4490

Protanomaly

122.8320, 34.8030, -19.5090

Deuteranomaly

123.4740, 41.8630, -15.2970

Tritanomaly

127.0600, 26.1340, -0.0580

Monochromacy



Original Color

123.3270, 37.7830, -18.4490

Achromatopsia

123.0000, -0.0000, -0.0000

Achromatomaly

123.2000, 13.7560, -7.0120

CSS Examples

Text

The CSS property to change the color of the text to YIQ 123.3270, 37.7830, -18.4490 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(148, 125, 50)` looks like.

```
.text, #text, p{  
    color:rgb(148, 125, 50)  
}
```

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(148, 125, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 125, 50) }
```

Border

The CSS property to change the border of an element to YIQ 123.3270, 37.7830, -18.4490 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(148, 125, 50) }
```


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

```
.border{ border-color:rgb(148, 125, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 125, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 125, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 125, 50);  
box-shadow:4px 4px 4px 4px rgb(148, 125,  
50) }
```

Background

The CSS property to change the background color of an element to YIQ 123.3270, 37.7830, -18.4490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 125, 50) }
```

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

```
.background{ background-color: rgb(148,  
125, 50) }
```

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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