

Converting Colors

YIQ(123.9470, 32.7410,
-26.1950)

Have a look what the booklet for
YIQ(123.9470, 32.7410, -26.1950)
contains.

YIQ(123.9470, 32.7410, -26.1950)	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(123.9470, 32.7410,
-26.1950)**

Conversions

Conversions Part 1

Format	Color
Hex	8B842B
RGB	139, 132, 43
RGB Percent	55%, 52%, 17%
CMY	0.4549, 0.4824, 0.8312
CMYK	0.00, 0.05, 0.69, 0.45
HSL	56°, 53%, 36%
HSV	56°, 69%, 55%
XYZ	19.3336, 22.1646, 5.5496
YIQ	123.9470, 32.7410, -26.1950

Conversions

Conversions Part 2

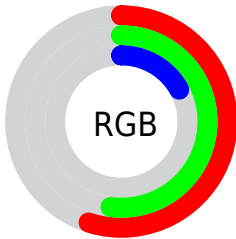
Format	Color
R_{YB}	51, 139, 43
Decimal	9143339
CIE Lab	54.20, -8.54, 46.88
CIE LCh	54, 47.654, 100.319
Yxy	22.1646, 0.4109, 0.4711
Android (android.graphics.Color)	4287333419 (0xFF8B842B)
YUV	123.9470, -39.9069, 13.2015
Hunter-Lab	47.0793, -9.0857, 25.9665

Details

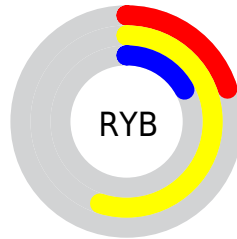
The YIQ color **123.9470, 32.7410, -26.1950** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **58.0530, -32.7410, 26.1950**, and the grayscale version is **124.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **177.6160, 35.1710, -26.1810**, and **74.4350, 28.4310, -25.1770** is the 20% darker color. If you saturate the color by 10%, you get **121.7640, 37.5100, -30.0260**, and if you desaturate by 10%, it is **126.1300, 27.9720, -22.3640**.

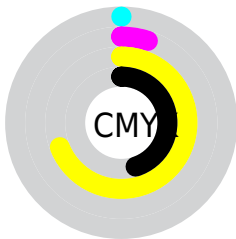
Distribution



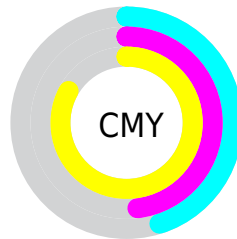
- Red (55%)
- Green (52%)
- Blue (17%)



- Red (20%)
- Yellow (55%)
- Blue (17%)



- Cyan (0%)
- Magenta (5%)
- Yellow (69%)
- Black (45%)



- Cyan (45%)
- Magenta (48%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 123.9470, 32.7410, -26.1950 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 123.9470, 32.7410, -26.1950 by changing the saturation by 10% instead.

123.9470, 32.7410,
-26.1950

123.9470, 32.7410,
-26.1950

255.0000, -0.0000,
-0.0000

98.0070, 32.5120,
-27.5520

177.6160, 35.1710,
-26.1810

74.4350, 28.4310,
-25.1770

205.1000, 36.6840,
-26.0680

53.4590, 19.8560,
-18.4480

233.8720, 37.3260,
-26.6900

33.3580, 10.1350,
-12.9770

245.7660, 26.0010,
-25.1910

11.4520, -4.6290,
-9.7250

248.9580, 17.0130,
-16.4830

0.0000, 0.0000,
0.0000

252.1500, 8.0250,

-7.7750

■ 123.9470, 32.7410,
-26.1950

■ 123.9470, 32.7410,
-26.1950

■ 121.7640, 37.5100,
-30.0260

■ 126.1300, 27.9720,
-22.3640

■ 119.5810, 42.2790,
-33.8570

■ 128.3130, 23.2030,
-18.5330

■ 117.3980, 47.0480,
-37.6880

■ 130.4960, 18.4340,
-14.7020

■ 117.2840, 47.3690,
-37.9990

■ 132.6790, 13.6650,
-10.8710

■ 134.8620, 8.8960,
-7.0400

■ 136.9310, 4.4480,
-3.5200

■ 139.1140, -0.3210,
0.3110

■ 141.2970, -5.0900,
4.1420

■ 143.4800, -9.8590,
7.9730

Harmonies

Analogous

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



127.2910, 55.8000, -9.0640



123.9470, 32.7410, -26.1950



118.7560, -3.5700, -34.4340

Triad

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



123.9470, 32.7410, -26.1950



107.6240, -99.1220, -20.8020



132.6470, 36.1680, 38.3760

Complementary

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



123.9470, 32.7410, -26.1950



58.0530, -32.7410, 26.1950

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.



133.4820, -3.0320, 32.9360



123.9470, 32.7410, -26.1950



106.3650, -105.2220, -9.3660

Square

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



123.9470, 32.7410, -26.1950



104.3520, -87.1530, -33.9770



123.6970, -55.5260, 15.1140



129.5230, 59.6440, 31.4200

Rectangle

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



123.9470, 32.7410, -26.1950



112.0540, -36.7640, -38.5880



123.6970, -55.5260, 15.1140



133.1880, 24.3390, 37.9950

Sweetspot

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



123.9470, 32.7410, -26.1950



174.9070, 13.0230, -10.2490



72.6160, 54.6480, 22.8400



88.2040, 7.9330, -6.1070



219.0000, 0.0000, -0.0000



92.0000, 0.0000, -0.0000

Same Dimension

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



123.9470, 32.7410, -26.1950



157.4430, 51.1750, -40.8970



116.0960, 6.9760, -38.3360



67.6150, 2.5220, -1.6540



111.9680, 45.4430, -36.1330



4.4300, 1.6050, -1.5550

Inverse Universe

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



58.0530, -32.7410, 26.1950



54.5570, -51.1750, 40.8970



65.9040, -6.9760, 38.3360



62.7980, -2.2470, 2.1770



21.0320, -45.4430, 36.1330



0.5700, -1.6050, 1.5550

Previews

White Background



This preview shows how the YIQ color 123.9470, 32.7410, -26.1950 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 123.9470, 32.7410, -26.1950 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 123.9470, 32.7410, -26.1950

Background



This preview shows how black text looks on a background with the YIQ color 123.9470, 32.7410, -26.1950.



This preview shows how white text looks on a background with the YIQ color 123.9470, 32.7410, -26.1950.

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

123.9470, 32.7410, -26.1950

Protanopia

124.4530, 37.1880, -24.1880

Deuteranopia

125.8830, 47.9610, -15.6790



Tritanopia

131.3160, 11.0940, 8.1980

Trichromacy



Original Color

123.9470, 32.7410, -26.1950

Protanomaly

124.4420, 35.7210, -25.1350

Deuteranomaly

125.1380, 42.6890, -19.2550

Tritanomaly

128.4180, 19.0740, -4.2700

Monochromacy



Original Color

123.9470, 32.7410, -26.1950

Achromatopsia

124.0000, -0.0000, -0.0000

Achromatomaly

123.9500, 11.4640, -9.5280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 123.9470, 32.7410, -26.1950 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(139, 132, 43)` looks like.

```
.text, #text, p{  
    color:rgb(139, 132, 43)  
}
```

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(139, 132, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 132, 43) }
```

Border

The CSS property to change the border of an element to YIQ 123.9470, 32.7410, -26.1950 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(139, 132, 43) }
```


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

```
.border{ border-color:rgb(139, 132, 43) }
```

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

Here you see how a box with a 4 pixel rgb(139, 132, 43) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 132, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 132, 43);  
box-shadow:4px 4px 4px 4px rgb(139, 132,  
43) }
```

Background

The CSS property to change the background color of an element to YIQ 123.9470, 32.7410, -26.1950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 132, 43) }
```

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

```
.background{ background-color: rgb(139,  
132, 43) }
```

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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