

Converting Colors

YIQ(122.9430, 30.5370, -8.2710)

Have a look what the booklet for
YIQ(122.9430, 30.5370, -8.2710)
contains.

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Color

**YIQ(122.9430, 30.5370,
-8.2710)**

Conversions

Conversions Part 1

Format	Color
Hex	93784B
RGB	147, 120, 75
RGB Percent	58%, 47%, 29%
CMY	0.4235, 0.5294, 0.7057
CMYK	0.00, 0.18, 0.49, 0.42
HSL	37°, 32%, 44%
HSV	37°, 49%, 58%
XYZ	20.0207, 20.1426, 9.4965
YIQ	122.9430, 30.5370, -8.2710

Conversions

Conversions Part 2

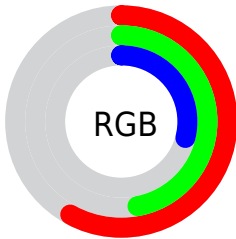
Format	Color
R_{YB}	118, 147, 75
Decimal	9664587
CIE _{Lab}	52.00, 4.40, 28.54
CIE _{LCh}	52, 28.881, 81.232
Yxy	20.1426, 0.4032, 0.4056
Android (android.graphics.Color)	4287854667 (0xFF93784B)
YUV	122.9430, -23.6359, 21.0980
Hunter-Lab	44.8805, 1.0860, 18.8710

Details

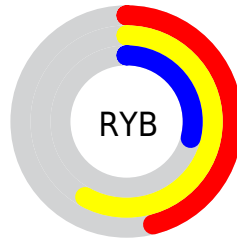
The YIQ color **122.9430, 30.5370, -8.2710** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **99.0570, -30.5370, 8.2710**, and the grayscale version is **123.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **175.9110, 33.5630, -8.0450**, and **73.6760, 26.9150, -8.7090** is the 20% darker color. If you saturate the color by 10%, you get **117.7110, 37.0020, -9.7980**, and if you desaturate by 10%, it is **128.1750, 24.0720, -6.7440**.

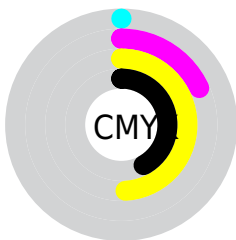
Distribution



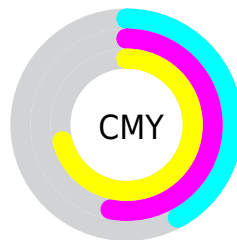
- Red (58%)
- Green (47%)
- Blue (29%)



- Red (46%)
- Yellow (58%)
- Blue (29%)



- Cyan (0%)
- Magenta (18%)
- Yellow (49%)
- Black (42%)



- Cyan (42%)
- Magenta (53%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 122.9430, 30.5370, -8.2710 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 122.9430, 30.5370, -8.2710 by changing the saturation by 10% instead.

■ 122.9430, 30.5370,
-8.2710

■ 122.9430, 30.5370,
-8.2710

■ 255.0000, -0.0000,
-0.0000

■ 97.5730, 28.7030,
-8.0730

■ 175.9110, 33.5630,
-8.0450

■ 73.6760, 26.9150,
-8.7090

■ 203.0960, 34.4800,
-8.1440

■ 50.0780, 25.7230,
-9.1330

■ 229.7860, 32.4170,
-9.3030

■ 30.4780, 18.8450,
-5.6270

■ 249.3000, 16.0500,
-15.5500

■ 8.3280, 10.8200,
2.1480

■ 252.6060, 6.7410,
-6.5310

■ 0.0000, 0.0000,
0.0000

■ 122.9430, 30.5370,
-8.2710

■ 122.9430, 30.5370,
-8.2710

■ 117.7110, 37.0020,
-9.7980

■ 128.1750, 24.0720,
-6.7440

■ 113.1800, 42.8710,
-11.5370

■ 132.7060, 18.2030,
-5.0050

■ 107.9480, 49.3360,
-13.0640

■ 137.9380, 11.7380,
-3.4780

■ 103.3030, 55.5260,
-15.1140

■ 142.5830, 5.5480,
-1.4280

■ 98.1850, 61.6700,
-16.3300

■ 147.8150, -0.9170,
0.0990

■ 97.9570, 62.3120,
-16.9520

■ 152.3460, -6.7860,
1.8380

■ 157.5780,
-13.2510, 3.3650

■ 162.2230,

-19.4410, 5.4150

■ 167.3410,
-25.5850, 6.6310

Harmonies

Analogous

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



124.8830, 39.9340, 3.1500



122.9430, 30.5370, -8.2710



120.6910, 13.3910, -16.9210

Triad

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



122.9430, 30.5370, -8.2710



105.7620, -64.4600, -21.2280



127.0790, 7.9280, 21.5280

Complementary

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



122.9430, 30.5370, -8.2710



99.0570, -30.5370, 8.2710

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.



124.8030, -17.8380, 14.9140



122.9430, 30.5370, -8.2710



107.8900, -67.3960, -12.0680

Square

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



122.9430, 30.5370, -8.2710



112.4800, -37.3630, -22.2190



118.0550, -45.3910, 2.1370



127.2030, 28.0100, 21.0180

Rectangle

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



122.9430, 30.5370, -8.2710



118.3840, -1.9220, -20.2420



118.0550, -45.3910, 2.1370



126.8330, -0.1870, 19.9170

Sweetspot

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



122.9430, 30.5370, -8.2710



181.3510, 12.0130, -2.9550



99.7200, 33.9240, 23.9720



90.8390, 7.7030, -1.9370



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.



122.9430, 30.5370, -8.2710



153.4640, 47.8230, -13.1770



136.4000, 18.3440, -24.0880



71.4410, 3.0720, -0.6080



91.7440, 58.5980, -15.7220



6.5120, 4.3100, -1.0180

Inverse Universe

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



99.0570, -30.5370, 8.2710



116.1230, -48.0980, 12.6540



85.6000, -18.3440, 24.0880



68.9720, -2.7970, 1.1310



46.2560, -58.5980, 15.7220



3.4880, -4.3100, 1.0180

Previews

White Background



This preview shows how the YIQ color 122.9430, 30.5370, -8.2710 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 122.9430, 30.5370, -8.2710 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 122.9430, 30.5370, -8.2710

Background



This preview shows how black text looks on a background with the YIQ color 122.9430, 30.5370, -8.2710.



This preview shows how white text looks on a background with the YIQ color 122.9430, 30.5370, -8.2710.

-8.2710.

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

122.9430, 30.5370, -8.2710

Protanopia

122.2300, 22.2390, -12.0730

Deuteranopia

123.2530, 32.6000, -7.1120



Tritanopia

126.0890, 19.1630, 10.6430

Trichromacy



Original Color

122.9430, 30.5370, -8.2710

Protanomaly

122.7250, 25.2190, -11.0130

Deuteranomaly

122.9540, 32.0040, -7.3240

Tritanomaly

125.0260, 23.4740, 4.0980

Monochromacy



Original Color

122.9430, 30.5370, -8.2710

Achromatopsia

123.0000, -0.0000, -0.0000

Achromatomaly

123.1660, 11.0960, -2.8560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 122.9430, 30.5370, -8.2710 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(147, 120, 75)` looks like.

```
.text, #text, p{  
    color:rgb(147, 120, 75)  
}
```

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(147, 120, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 120, 75) }
```

Border

The CSS property to change the border of an element to YIQ 122.9430, 30.5370, -8.2710 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(147, 120, 75) }
```


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

```
.border{ border-color:rgb(147, 120, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 120, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 120, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 120, 75);  
box-shadow:4px 4px 4px 4px rgb(147, 120,  
75) }
```

Background

The CSS property to change the background color of an element to YIQ 122.9430, 30.5370, -8.2710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 120, 75) }
```

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

```
.background{ background-color: rgb(147,  
120, 75) }
```

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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