

Converting Colors

YIQ(121.0290, 44.6140,
-15.5940)

Have a look what the booklet for
YIQ(121.0290, 44.6140, -15.5940)
contains.

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Color

**YIQ(121.0290, 44.6140,
-15.5940)**

Conversions

Conversions Part 1

Format	Color
Hex	9A772D
RGB	154, 119, 45
RGB Percent	60%, 47%, 18%
CMY	0.3960, 0.5334, 0.8233
CMYK	0.00, 0.23, 0.71, 0.40
HSL	41°, 55%, 39%
HSV	41°, 71%, 60%
XYZ	20.3981, 20.2510, 5.3224
YIQ	121.0290, 44.6140, -15.5940

Conversions

Conversions Part 2

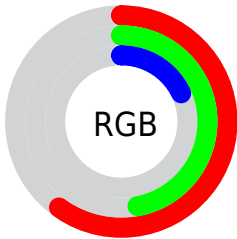
Format	Color
R_{YB}	97, 154, 45
Decimal	10123053
CIE _{Lab}	52.12, 5.74, 44.32
CIE _{LCh}	52, 44.690, 82.626
Yxy	20.2510, 0.4437, 0.4405
Android (android.graphics.Color)	4288313133 (0xFF9A772D)
YUV	121.0290, -37.4823, 28.9156
Hunter-Lab	45.0011, 2.1586, 24.4884

Details

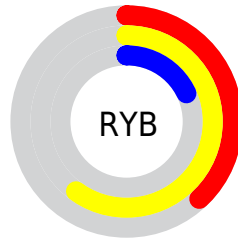
The YIQ color **121.0290, 44.6140, -15.5940** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **77.9710, -44.6140, 15.5940**, and the grayscale version is **121.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **174.2960, 48.2360, -15.1560**, and **71.2780, 39.4790, -16.1450** is the 20% darker color. If you saturate the color by 10%, you get **116.3840, 50.8040, -17.6440**, and if you desaturate by 10%, it is **125.6740, 38.4240, -13.5440**.

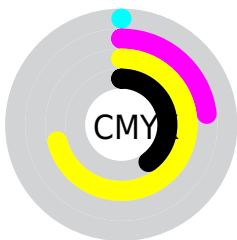
Distribution



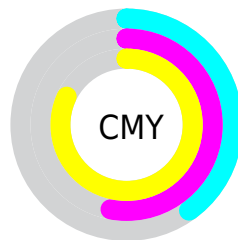
- Red (60%)
- Green (47%)
- Blue (18%)



- Red (38%)
- Yellow (60%)
- Blue (18%)



- Cyan (0%)
- Magenta (23%)
- Yellow (71%)
- Black (40%)



- Cyan (40%)
- Magenta (53%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 121.0290, 44.6140, -15.5940 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 121.0290, 44.6140, -15.5940 by changing the saturation by 10% instead.

■ 121.0290, 44.6140,
-15.5940

■ 121.0290, 44.6140,
-15.5940

■ 255.0000, -0.0000,
-0.0000

■ 95.0180, 43.1470,
-16.5410

■ 174.2960, 48.2360,
-15.1560

■ 71.2780, 39.4790,
-16.1450

■ 202.0790, 50.3450,
-14.8310

■ 50.5900, 30.0330,
-10.1510

■ 225.6650, 42.6430,
-18.4210

■ 30.4890, 20.3120,
-4.6800

■ 245.7660, 26.0010,
-25.1910

■ 8.3390, 12.2870,
3.0950

■ 248.9580, 17.0130,
-16.4830

■ 0.0000, 0.0000,
0.0000

■ 252.1500, 8.0250,

-7.7750

■ 121.0290, 44.6140,
-15.5940

■ 121.0290, 44.6140,
-15.5940

■ 116.3840, 50.8040,
-17.6440

■ 125.6740, 38.4240,
-13.5440

■ 111.6250, 57.3150,
-20.0050

■ 130.4330, 31.9130,
-11.1830

■ 107.6810, 62.9090,
-22.2670

■ 135.0780, 25.7230,
-9.1330

■ 139.8370, 19.2120,
-6.7720

■ 144.4820, 13.0220,
-4.7220

■ 149.1270, 6.8320,
-2.6720

■ 153.8860, 0.3210,
-0.3110

■ 158.5310, -5.8690,
1.7390

■ 163.2900,
-12.3800, 4.1000

Harmonies

Analogous

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



123.0500, 58.4570, 3.3610



121.0290, 44.6140, -15.5940



117.4660, 17.9780, -28.4700

Triad

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



121.0290, 44.6140, -15.5940



101.3830, -88.4380, -27.2060



128.3930, 13.3360, 33.6560

Complementary

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



121.0290, 44.6140, -15.5940



77.9710, -44.6140, 15.5940

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.



124.3860, -29.4850, 22.2510



121.0290, 44.6140, -15.5940



103.1560, -97.5640, -15.9960

Square

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



121.0290, 44.6140, -15.5940



96.8230, -75.5980, -39.6460



99.6970, -100.2250, -6.3130



126.2040, 44.6050, 34.1490

Rectangle

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



121.0290, 44.6140, -15.5940



114.1410, -6.0920, -32.7800



99.6970, -100.2250, -6.3130



128.2820, 0.4070, 31.1830

Sweetspot

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



121.0290, 44.6140, -15.5940



188.5810, 17.0570, -6.2630



81.6950, 53.4080, 34.3040



94.4540, 10.2250, -3.5910



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000

Same Dimension

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



121.0290, 44.6140, -15.5940



149.2210, 70.0160, -24.4160



136.1920, 24.2610, -37.7150



74.3270, 3.3930, -0.9190



97.6250, 57.3150, -20.0050



9.1700, 5.2730, -1.9510

Inverse Universe

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



77.9710, -44.6140, 15.5940



81.7790, -70.0160, 24.4160



62.8080, -24.2610, 37.7150



71.0860, -3.1180, 1.4420



42.3750, -57.3150, 20.0050



3.8300, -5.2730, 1.9510

Previews

White Background



This preview shows how the YIQ color 121.0290, 44.6140, -15.5940 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 121.0290, 44.6140, -15.5940 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 121.0290, 44.6140, -15.5940

Background



This preview shows how black text looks on a background with the YIQ color 121.0290, 44.6140, -15.5940.



This preview shows how white text looks on a background with the YIQ color 121.0290, 44.6140,

-15.5940.

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

121.0290, 44.6140, -15.5940

Protanopia

120.2940, 33.3820, -21.2900

Deuteranopia

120.7410, 45.4850, -14.8590



Tritanopia

126.3780, 25.7190, 12.9750

Trichromacy



Original Color

121.0290, 44.6140, -15.5940

Protanomaly

120.5010, 37.2330, -19.4950

Deuteranomaly

120.7410, 45.4850, -14.8590

Tritanomaly

124.4630, 32.3690, 2.5850

Monochromacy



Original Color

121.0290, 44.6140, -15.5940

Achromatopsia

121.0000, -0.0000, 0.0000

Achromatomaly

120.8090, 16.4150, -5.6410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 121.0290, 44.6140, -15.5940 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(154, 119, 45)` looks like.

```
.text, #text, p{  
    color:rgb(154, 119, 45)  
}
```

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(154, 119, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 119, 45) }
```

Border

The CSS property to change the border of an element to YIQ 121.0290, 44.6140, -15.5940 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(154, 119, 45) }
```


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

```
.border{ border-color:rgb(154, 119, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 119, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 119, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 119, 45);  
box-shadow:4px 4px 4px 4px rgb(154, 119,  
45) }
```

Background

The CSS property to change the background color of an element to YIQ 121.0290, 44.6140, -15.5940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 119, 45) }
```

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

```
.background{ background-color: rgb(154,  
119, 45) }
```

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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