

Converting Colors

YIQ(124.5620, 44.4310,
-17.7850)

Have a look what the booklet for
YIQ(124.5620, 44.4310, -17.7850)
contains.

YIQ(124.5620, 44.4310, -17.7850)	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(124.5620, 44.4310,
-17.7850)**

Conversions

Conversions Part 1

Format	Color
Hex	9C7C2D
RGB	156, 124, 45
RGB Percent	61%, 49%, 18%
CMY	0.3882, 0.5138, 0.8233
CMYK	0.00, 0.21, 0.71, 0.39
HSL	43°, 55%, 39%
HSV	43°, 71%, 61%
XYZ	21.3924, 21.6704, 5.5440
YIQ	124.5620, 44.4310, -17.7850

Conversions

Conversions Part 2

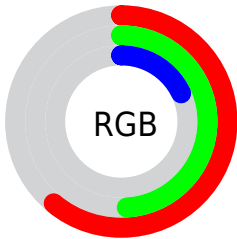
Format	Color
RYB	90, 156, 45
Decimal	10255405
CIELab	53.68, 3.82, 46.00
CIElCh	54, 46.160, 85.257
Yxy	21.6704, 0.4401, 0.4458
Android (android.graphics.Color)	4288445485 (0xFF9C7C2D)
YUV	124.5620, -39.2241, 27.5711
Hunter-Lab	46.5515, 0.5632, 25.5249

Details

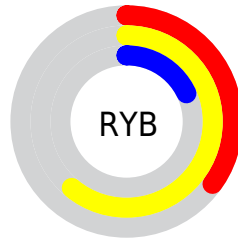
The YIQ color **124.5620, 44.4310, -17.7850** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **76.4380, -44.4310, 17.7850**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.8290, 48.0530, -17.3470**, and **74.8110, 39.2960, -18.3360** is the 20% darker color. If you saturate the color by 10%, you get **119.8030, 50.9420, -20.1460**, and if you desaturate by 10%, it is **128.7340, 38.1950, -14.9010**.

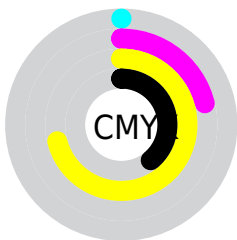
Distribution



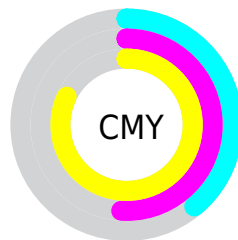
- Red (61%)
- Green (49%)
- Blue (18%)



- Red (35%)
- Yellow (61%)
- Blue (18%)



- Cyan (0%)
- Magenta (21%)
- Yellow (71%)
- Black (39%)



- Cyan (39%)
- Magenta (51%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 124.5620, 44.4310, -17.7850 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 124.5620, 44.4310, -17.7850 by changing the saturation by 10% instead.

■ 124.5620, 44.4310,
-17.7850

■ 124.5620, 44.4310,
-17.7850

■ 255.0000, -0.0000,
-0.0000

■ 98.4370, 43.2850,
-19.0430

■ 177.8290, 48.0530,
-17.3470

■ 74.8110, 39.2960,
-18.3360

■ 206.1990, 49.8870,
-17.5450

■ 53.5360, 30.1250,
-11.8190

■ 229.3010, 40.6720,
-21.2480

■ 33.4350, 20.4040,
-6.3480

■ 245.8800, 25.6800,
-24.8800

■ 13.0460, 11.5540,
-0.1420

■ 249.0720, 16.6920,
-16.1720

■ 0.0000, 0.0000,
0.0000

■ 252.2640, 7.7040,

-7.4640

■ 124.5620, 44.4310,
-17.7850

■ 124.5620, 44.4310,
-17.7850

■ 119.8030, 50.9420,
-20.1460

■ 128.7340, 38.1950,
-14.9010

■ 115.7450, 56.8570,
-22.7190

■ 133.3790, 32.0050,
-12.8510

■ 111.8010, 62.4510,
-24.9810

■ 137.5510, 25.7690,
-9.9670

■ 142.1960, 19.5790,
-7.9170

■ 146.9550, 13.0680,
-5.5560

■ 151.1270, 6.8320,
-2.6720

■ 155.7720, 0.6420,
-0.6220

■ 159.9440, -5.5940,
2.2620

■ 164.5890,
-11.7840, 4.3120

Harmonies

Analogous

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



126.4800, 60.0620, 1.8060



124.5620, 44.4310, -17.7850



120.7430, 15.6400, -30.1520

Triad

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



124.5620, 44.4310, -17.7850



105.2300, -92.3810, -27.3330



132.0130, 17.4620, 35.9740

Complementary

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



124.5620, 44.4310, -17.7850



76.4380, -44.4310, 17.7850

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.



129.1200, -25.6800, 24.8800



124.5620, 44.4310, -17.7850



106.5300, -101.5530, -15.2890

Square

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



124.5620, 44.4310, -17.7850



100.5560, -79.2200, -40.0840



102.8430, -103.5720, -6.2280



129.5850, 47.9060, 34.8980

Rectangle

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



124.5620, 44.4310, -17.7850



117.0480, -10.2640, -34.2640



102.8430, -103.5720, -6.2280



132.0160, 4.2120, 33.8120

Sweetspot

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



124.5620, 44.4310, -17.7850



192.0540, 17.1030, -7.0970



81.9510, 55.5630, 33.7950



95.0410, 9.9500, -4.1140



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.



124.5620, 44.4310, -17.7850



154.9280, 69.2830, -27.6530



136.7680, 22.5190, -39.1850



76.9140, 3.1180, -1.4420



102.6310, 57.1780, -23.0300



10.9420, 5.9150, -2.5730

Inverse Universe

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



76.4380, -44.4310, 17.7850



80.0720, -69.2830, 27.6530



64.2320, -22.5190, 39.1850



73.0860, -3.1180, 1.4420



40.3690, -57.1780, 23.0300



4.0580, -5.9150, 2.5730

Previews

White Background



This preview shows how the YIQ color 124.5620, 44.4310, -17.7850 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 124.5620, 44.4310, -17.7850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

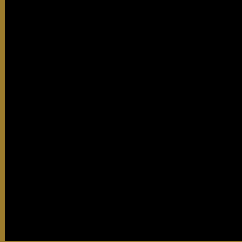
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 124.5620, 44.4310, -17.7850

Background



This preview shows how black text looks on a background with the YIQ color 124.5620, 44.4310, -17.7850.



This preview shows how white text looks on a background with the YIQ color 124.5620, 44.4310,

-17.7850.

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

124.5620, 44.4310, -17.7850

Protanopia

124.0230, 35.5830, -22.6330

Deuteranopia

124.6980, 47.0440, -15.5800



Tritanopia

130.7800, 24.5270, 12.5510

Trichromacy



Original Color

124.5620, 44.4310, -17.7850

Protanomaly

124.0450, 38.5170, -20.7390

Deuteranomaly

124.9860, 46.1730, -16.3150

Tritanomaly

128.6370, 31.8190, 1.5390

Monochromacy



Original Color

124.5620, 44.4310, -17.7850

Achromatopsia

125.0000, 0.0000, 0.0000

Achromatomaly

124.9830, 15.8650, -6.6870

CSS Examples

Text

The CSS property to change the color of the text to YIQ 124.5620, 44.4310, -17.7850 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(156, 124, 45)` looks like.

```
.text, #text, p{  
    color:rgb(156, 124, 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(156, 124, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 124, 45) }
```

Border

The CSS property to change the border of an element to YIQ 124.5620, 44.4310, -17.7850 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(156, 124, 45) }
```


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

```
.border{ border-color:rgb(156, 124, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 124, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 124, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 124, 45);  
box-shadow:4px 4px 4px 4px rgb(156, 124,  
45) }
```

Background

The CSS property to change the background color of an element to YIQ 124.5620, 44.4310, -17.7850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 124, 45) }
```

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

```
.background{ background-color: rgb(156,  
124, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor