

Converting Colors

YIQ(120.9340, 17.5610, -4.3830)

Have a look what the booklet for
YIQ(120.9340, 17.5610, -4.3830)
contains.

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Color

**YIQ(120.9340, 17.5610,
-4.3830)**

Conversions

Conversions Part 1

Format	Color
Hex	87775E
RGB	135, 119, 94
RGB Percent	53%, 47%, 37%
CMY	0.4706, 0.5333, 0.6313
CMYK	0.00, 0.12, 0.30, 0.47
HSL	37°, 18%, 45%
HSV	37°, 30%, 53%
XYZ	18.6100, 19.1520, 13.3109
YIQ	120.9340, 17.5610, -4.3830

Conversions

Conversions Part 2

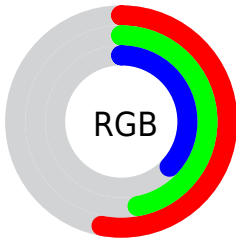
Format	Color
R_{YB}	120, 135, 94
Decimal	8877918
CIE Lab	50.86, 2.13, 16.02
CIE LCh	51, 16.164, 82.427
Yxy	19.1520, 0.3644, 0.3750
Android (android.graphics.Color)	4287067998 (0xFF87775E)
YUV	120.9340, -13.2785, 12.3359
Hunter-Lab	43.7630, -0.6788, 12.6005

Details

The YIQ color **120.9340, 17.5610, -4.3830** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **108.0660, -17.5610, 4.3830**, and the grayscale version is **121.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **173.3040, 19.3950, -4.5810**, and **72.5640, 15.7270, -4.1850** is the 20% darker color. If you saturate the color by 10%, you get **116.5170, 23.1090, -5.8110**, and if you desaturate by 10%, it is **125.4650, 11.6920, -2.6440**.

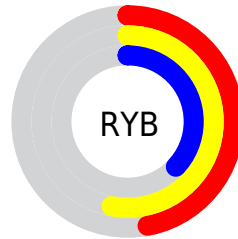
Distribution



Red (53%)

Green (47%)

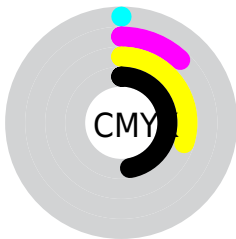
Blue (37%)



Red (47%)

Yellow (53%)

Blue (37%)

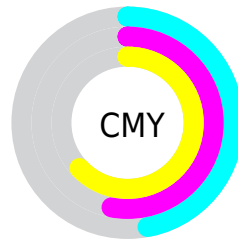


Cyan (0%)

Magenta (12%)

Yellow (30%)

Black (47%)



Cyan (47%)

Magenta (53%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 120.9340, 17.5610, -4.3830 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 120.9340, 17.5610, -4.3830 by changing the saturation by 10% instead.

■ 120.9340, 17.5610,
-4.3830

■ 120.9340, 17.5610,
-4.3830

■ 255.0000, -0.0000,
-0.0000

■ 95.7490, 16.6440,
-4.2840

■ 173.4180, 19.0740,
-4.2700

■ 72.5640, 15.7270,
-4.1850

■ 200.6030, 19.9910,
-4.3690

■ 49.4930, 14.4890,
-3.7750

■ 228.4890, 20.3120,
-4.6800

■ 28.2110, 15.2230,
-6.0650

■ 251.6940, 9.3090,
-9.0190

■ 3.5770, 5.6850,
1.5970

■ 0.0000, 0.0000,
0.0000

■ 120.9340, 17.5610,
-4.3830

■ 120.9340, 17.5610,
-4.3830

■ 116.5170, 23.1090,
-5.8110

■ 125.4650, 11.6920,
-2.6440

■ 111.3990, 29.2530,
-7.0270

■ 130.4690, 5.8690,
-1.7390

■ 106.9820, 34.8010,
-8.4550

■ 135.0000, -0.0000,
-0.0000

■ 102.4510, 40.6700,
-10.1940

■ 139.4170, -5.5480,
1.4280

■ 98.0340, 46.2180,
-11.6220

■ 143.9480,
-11.4170, 3.1670

■ 92.9160, 52.3620,
-12.8380

■ 148.9520,
-17.2400, 4.0720

■ 88.4990, 57.9100,
-14.2660

■ 153.4830,
-23.1090, 5.8110

■ 157.9000,

-28.6570, 7.2390

■ 162.4310,
-34.5260, 8.9780

Harmonies

Analogous

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



122.2600, 22.6950, 1.6950



120.9340, 17.5610, -4.3830



119.3240, 7.4750, -8.8210

Triad

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



120.9340, 17.5610, -4.3830



115.4740, -28.0580, -9.1300



123.3140, 5.4080, 12.1280

Complementary

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



120.9340, 17.5610, -4.3830



108.0660, -17.5610, 4.3830

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.



122.0780, -8.6670, 8.3970



120.9340, 17.5610, -4.3830



116.7500, -28.6550, -3.8150

Square

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



120.9340, 17.5610, -4.3830



116.2700, -18.7960, -11.7880



119.2720, -21.1370, 3.1110



123.9470, 16.6870, 11.4630

Rectangle

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



120.9340, 17.5610, -4.3830



118.2520, -1.1900, -11.4780



119.2720, -21.1370, 3.1110



123.4490, 0.5940, 11.2660

Sweetspot

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



120.9340, 17.5610, -4.3830



170.6540, 6.7860, -1.8380



108.0830, 19.3000, 13.6680



85.5120, 4.3100, -1.0180



217.0000, -0.0000, 0.0000



89.0000, -0.0000, -0.0000

Same Dimension

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



120.9340, 17.5610, -4.3830



154.1430, 27.0980, -6.5180



129.1300, 10.7770, -13.5990



64.1420, 2.4760, -0.8200



85.2430, 55.7550, -13.7570



2.0710, 1.2380, -0.4100

Inverse Universe

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



108.0660, -17.5610, 4.3830



134.2700, -26.8230, 7.0410



99.8700, -10.7770, 13.5990



61.8580, -2.4760, 0.8200



44.7570, -55.7550, 13.7570



0.9290, -1.2380, 0.4100

Previews

White Background



This preview shows how the YIQ color 120.9340, 17.5610, -4.3830 looks on a white background.

Color Contrast Check

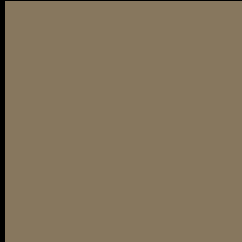
Large Text (above 18pt) WCAG AA ✓ Pass

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 120.9340, 17.5610, -4.3830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

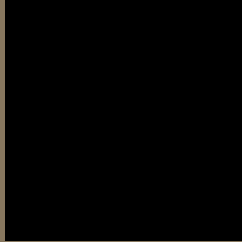
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 120.9340, 17.5610, -4.3830

Background



This preview shows how black text looks on a background with the YIQ color 120.9340, 17.5610, -4.3830.



This preview shows how white text looks on a background with the YIQ color 120.9340, 17.5610,

-4.3830.

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

120.9340, 17.5610, -4.3830

Protanopia

120.4280, 13.1140, -6.3900

Deuteranopia

121.3800, 22.2370, -1.0190



Tritanopia

122.9030, 10.8190, 7.6750

Trichromacy



Original Color

120.9340, 17.5610, -4.3830

Protanomaly

120.4390, 14.5810, -5.4430

Deuteranomaly

121.0700, 20.1740, -2.1780

Tritanomaly

121.9370, 13.4790, 3.5190

Monochromacy



Original Color

120.9340, 17.5610, -4.3830

Achromatopsia

121.0000, -0.0000, 0.0000

Achromatomaly

120.7680, 6.4650, -1.5270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 120.9340, 17.5610, -4.3830 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(135, 119, 94)` looks like.

```
.text, #text, p{  
    color:rgb(135, 119, 94)  
}
```

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(135, 119, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 119, 94) }
```

Border

The CSS property to change the border of an element to YIQ 120.9340, 17.5610, -4.3830 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(135, 119, 94) }
```


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

```
.border{ border-color:rgb(135, 119, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 119, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 119, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 119, 94);  
box-shadow:4px 4px 4px 4px rgb(135, 119,  
94) }
```

Background

The CSS property to change the background color of an element to YIQ 120.9340, 17.5610, -4.3830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 119, 94) }
```

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

```
.background{ background-color: rgb(135,  
119, 94) }
```

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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