

Converting Colors

YIQ(117.1230, 12.6550, -3.5770)

Have a look what the booklet for
YIQ(117.1230, 12.6550, -3.5770)
contains.

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Color

**YIQ(117.1230, 12.6550,
-3.5770)**

Conversions

Conversions Part 1

Format	Color
Hex	7F7461
RGB	127, 116, 97
RGB Percent	50%, 45%, 38%
CMY	0.5019, 0.5451, 0.6195
CMYK	0.00, 0.09, 0.24, 0.50
HSL	38°, 13%, 44%
HSV	38°, 24%, 50%
XYZ	17.1562, 17.8654, 13.8574
YIQ	117.1230, 12.6550, -3.5770

Conversions

Conversions Part 2

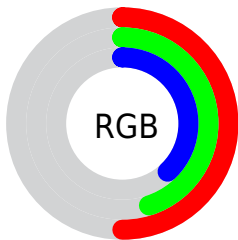
Format	Color
R_{YB}	114, 127, 97
Decimal	8352865
CIE _{Lab}	49.33, 0.97, 12.04
CIE _{LCh}	49, 12.079, 85.403
Yxy	17.8654, 0.3510, 0.3655
Android (android.graphics.Color)	4286542945 (0xFF7F7461)
YUV	117.1230, -9.9206, 8.6621
Hunter-Lab	42.2675, -1.5155, 10.1489

Details

The YIQ color **117.1230, 12.6550, -3.5770** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **106.8770, -12.6550, 3.5770**, and the grayscale version is **117.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **169.3080, 13.5720, -3.6760**, and **69.0520, 11.4170, -3.1670** is the 20% darker color. If you saturate the color by 10%, you get **112.7060, 18.2030, -5.0050**, and if you desaturate by 10%, it is **121.5400, 7.1070, -2.1490**.

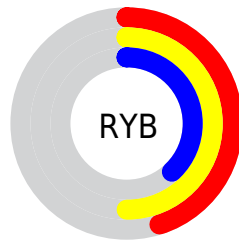
Distribution



Red (50%)

Green (45%)

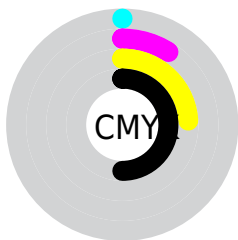
Blue (38%)



Red (45%)

Yellow (50%)

Blue (38%)

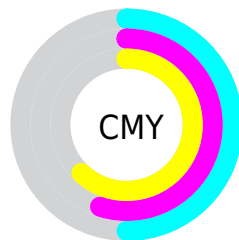


Cyan (0%)

Magenta (9%)

Yellow (24%)

Black (50%)



Cyan (50%)

Magenta (55%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 117.1230, 12.6550, -3.5770 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 117.1230, 12.6550, -3.5770 by changing the saturation by 10% instead.

■ 117.1230, 12.6550,
-3.5770

■ 117.1230, 12.6550,
-3.5770

■ 255.0000, -0.0000,
-0.0000

■ 92.2370, 12.3340,
-3.2660

■ 169.3080, 13.5720,
-3.6760

■ 69.0520, 11.4170,
-3.1670

■ 196.4930, 14.4890,
-3.7750

■ 46.4540, 10.2250,
-3.5910

■ 224.4930, 14.4890,
-3.7750

■ 25.1120, 11.1880,
-4.5240

■ 250.3890, 8.8500,
-6.2060

■ 0.0000, 0.0000,
0.0000

■ 117.1230, 12.6550,

■ 117.1230, 12.6550,

-3.5770

-3.5770

■ 112.7060, 18.2030,
-5.0050

■ 121.5400, 7.1070,
-2.1490

■ 108.9900, 23.1550,
-6.6450

■ 125.2560, 2.1550,
-0.5090

■ 104.5730, 28.7030,
-8.0730

■ 129.6730, -3.3930,
0.9190

■ 100.1560, 34.2510,
-9.5010

■ 134.0900, -8.9410,
2.3470

■ 96.4400, 39.2030,
-11.1410

■ 137.9200,
-14.2140, 4.2980

■ 92.0230, 44.7510,
-12.5690

■ 142.2230,
-19.4410, 5.4150

■ 87.6060, 50.2990,
-13.9970

■ 146.6400,
-24.9890, 6.8430

■ 84.9330, 53.6920,
-14.9160

■ 150.4700,
-30.2620, 8.7940

■ 154.7730,
-35.4890, 9.9110

Harmonies

Analogous

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



118.2100, 16.9640, 0.9320



117.1230, 12.6550, -3.5770



115.8230, 4.6320, -6.8560

Triad

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



117.1230, 12.6550, -3.5770



113.4750, -20.6310, -6.0630



119.0210, 4.6750, 8.8910

Complementary

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



117.1230, 12.6550, -3.5770



106.8770, -12.6550, 3.5770

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.



117.9920, -5.5490, 6.9550



117.1230, 12.6550, -3.5770



114.4090, -20.2650, -1.6810

Square

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



117.1230, 12.6550, -3.5770



113.7160, -14.1200, -8.4240



116.5670, -14.7180, 2.4180



119.0990, 13.2030, 8.5230

Rectangle

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



117.1230, 12.6550, -3.5770



115.0610, -1.9700, -8.3540



116.5670, -14.7180, 2.4180



119.0530, 1.6490, 8.6650

Sweetspot

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



117.1230, 12.6550, -3.5770



161.6970, 5.2270, -1.1170



107.3380, 14.0280, 10.0920



82.0280, 2.7970, -1.1310



212.0000, -0.0000, -0.0000



84.0000, -0.0000, -0.0000

Same Dimension

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



117.1230, 12.6550, -3.5770



150.6630, 19.7620, -5.7260



122.6830, 7.8420, -9.9660



61.4410, 3.0720, -0.6080



85.8190, 54.0130, -15.2270



0.0000, 0.0000, 0.0000

Inverse Universe

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



106.8770, -12.6550, 3.5770



134.3370, -19.7620, 5.7260



101.6160, -7.2460, 10.1780



59.5590, -3.0720, 0.6080



42.1810, -54.0130, 15.2270



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 117.1230, 12.6550, -3.5770 looks on a white 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

Black Background



This preview shows how the YIQ color 117.1230, 12.6550, -3.5770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

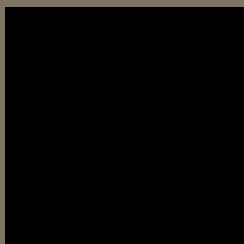
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

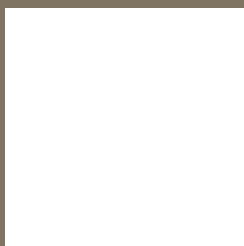
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 117.1230, 12.6550, -3.5770

Background



This preview shows how black text looks on a background with the YIQ color 117.1230, 12.6550, -3.5770.



This preview shows how white text looks on a background with the YIQ color 117.1230, 12.6550,

-3.5770.

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

117.1230, 12.6550, -3.5770

Protanopia

116.9270, 10.2710, -4.4250

Deuteranopia

118.1670, 18.5230, 0.2110



Tritanopia

118.9950, 7.5640, 6.0920

Trichromacy



Original Color

117.1230, 12.6550, -3.5770

Protanomaly

117.2260, 10.8670, -4.2130

Deuteranomaly

117.8570, 16.4600, -0.9480

Tritanomaly

118.2570, 9.5820, 2.5580

Monochromacy



Original Color

117.1230, 12.6550, -3.5770

Achromatopsia

117.0000, -0.0000, 0.0000

Achromatomaly

117.3980, 4.6310, -1.3290

CSS Examples

Text

The CSS property to change the color of the text to YIQ 117.1230, 12.6550, -3.5770 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(127, 116, 97)` looks like.

```
.text, #text, p{  
    color:rgb(127, 116, 97)  
}
```

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(127, 116, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 116, 97) }
```

Border

The CSS property to change the border of an element to YIQ 117.1230, 12.6550, -3.5770 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(127, 116, 97) }
```


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

```
.border{ border-color:rgb(127, 116, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 116, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 116, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 116, 97);  
box-shadow:4px 4px 4px 4px rgb(127, 116,  
97) }
```

Background

The CSS property to change the background color of an element to YIQ 117.1230, 12.6550, -3.5770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 116, 97) }
```

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

```
.background{ background-color: rgb(127,  
116, 97) }
```

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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