

Converting Colors

YIQ(142.2730, 12.6530, 7.4770)

Have a look what the booklet for
YIQ(142.2730, 12.6530, 7.4770)
contains.

YIQ(142.2730, 12.6530, 7.4770)	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(142.2730, 12.6530,
7.4770)**

Conversions

Conversions Part 1

Format	Color
Hex	9F868D
RGB	159, 134, 141
RGB Percent	62%, 53%, 55%
CMY	0.3764, 0.4745, 0.4470
CMYK	0.00, 0.16, 0.11, 0.38
HSL	343°, 12%, 57%
HSV	343°, 16%, 62%
XYZ	27.6335, 26.3433, 28.8321
YIQ	142.2730, 12.6530, 7.4770

Conversions

Conversions Part 2

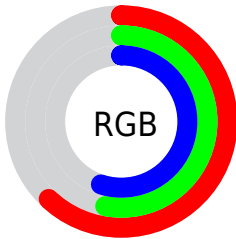
Format	Color
R _Y B	159, 134, 141
Decimal	10454669
CIE Lab	58.36, 10.71, -0.22
CIE LCh	58, 10.713, 358.817
Yxy	26.3433, 0.3337, 0.3181
Android (android.graphics.Color)	4288644749 (0xFF9F868D)
YUV	142.2730, -0.6276, 14.6696
Hunter-Lab	51.3257, 6.2835, 2.6220

Details

The YIQ color **142.2730, 12.6530, 7.4770** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **150.7270, -12.6530, -7.4770**, and the grayscale version is **142.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **195.9850, 13.5240, 8.2120**, and **91.6750, 11.4610, 7.0530** is the 20% darker color. If you saturate the color by 10%, you get **131.6270, 20.5840, 12.4240**, and if you desaturate by 10%, it is **152.9190, 4.7220, 2.5300**.

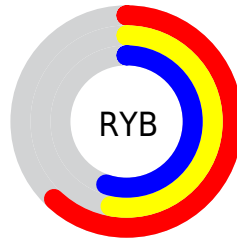
Distribution



Red (62%)

Green (53%)

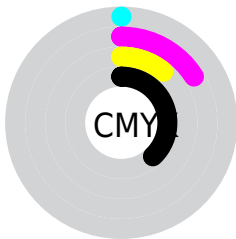
Blue (55%)



Red (62%)

Yellow (53%)

Blue (55%)

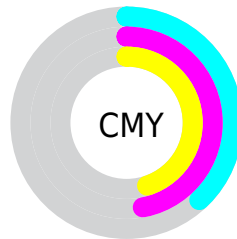


Cyan (0%)

Magenta (16%)

Yellow (11%)

Black (38%)



Cyan (38%)

Magenta (47%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 142.2730, 12.6530, 7.4770 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 142.2730, 12.6530, 7.4770 by changing the saturation by 10% instead.

■ 142.2730, 12.6530,
7.4770

■ 142.2730, 12.6530,
7.4770

255.0000, -0.0000,
-0.0000

■ 116.9740, 12.0570,
7.2650

■ 195.9850, 13.5240,
8.2120

■ 91.6750, 11.4610,
7.0530

■ 223.8710, 13.8450,
7.9010

■ 68.3760, 10.8650,
6.8410

■ 247.5000, 4.5840,
5.0320

■ 45.9630, 10.5900,
6.3180

■ 25.0660, 8.8020,
5.6820

■ 2.9900, 5.9600,
2.1200

■ 0.0000, 0.0000,

0.0000

■ 142.2730, 12.6530,
7.4770

■ 142.2730, 12.6530,
7.4770

■ 131.6270, 20.5840,
12.4240

■ 152.9190, 4.7220,
2.5300

■ 120.8670, 28.8360,
17.0600

■ 163.6790, -3.5300,
-2.1060

■ 110.2210, 36.7670,
22.0070

■ 174.3250,
-11.4610, -7.0530

■ 99.4610, 45.0190,
26.6430

■ 185.0850,
-19.7130, -11.6890

■ 88.8150, 52.9500,
31.5900

■ 195.7310,
-27.6440, -16.6360

■ 78.6420, 60.9270,
35.7030

■ 205.9040,
-35.6210, -20.7490

■ 67.9960, 68.8580,
40.6500

■ 216.5500,
-43.5520, -25.6960

■ 57.2360, 77.1100,
45.2860

■ 223.7880,
-50.1540, -27.1940

■ 52.6710, 80.3190,
47.7030

■ 225.0420,
-53.6850, -23.7730

Harmonies

Analogous

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



141.7930, 5.3170, 8.2690



142.2730, 12.6530, 7.4770



141.5460, 16.1380, 4.8900

Triad

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



142.2730, 12.6530, 7.4770



138.7520, 3.3940, -6.4460



138.1920, -18.1560, -1.3560

Complementary

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



142.2730, 12.6530, 7.4770



150.7270, -12.6530, -7.4770

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.



137.3720, -18.8430, -5.4270



142.2730, 12.6530, 7.4770



137.9080, -5.9130, -8.4810

Square

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



142.2730, 12.6530, 7.4770



139.7530, 10.8210, -3.3790



137.2430, -14.1660, -7.5900



139.7630, -12.3340, 3.2660

Rectangle

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



142.2730, 12.6530, 7.4770



141.5520, 16.0010, 1.8650



137.2430, -14.1660, -7.5900



137.9530, -18.9810, -2.9250

Sweetspot

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



142.2730, 12.6530, 7.4770



199.6310, 5.5930, 3.2650



142.2320, 2.7030, 11.5910



100.3210, 3.5300, 2.1060



232.0000, -0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



142.2730, 12.6530, 7.4770



180.2140, 20.3090, 11.9010



144.4100, 13.5250, 2.6850



73.6200, 4.1260, 2.3180



47.3170, 72.3880, 42.7560



4.9410, 7.6560, 4.4240

Inverse Universe

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



142.2730, 12.6530, 7.4770



180.2140, 20.3090, 11.9010



148.5900, -13.5250, -2.6850



73.6200, 4.1260, 2.3180



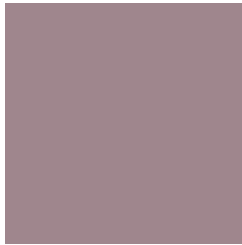
47.3170, 72.3880, 42.7560



4.9410, 7.6560, 4.4240

Previews

White Background



This preview shows how the YIQ color 142.2730, 12.6530, 7.4770 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 142.2730, 12.6530, 7.4770 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 142.2730, 12.6530, 7.4770

Background



This preview shows how black text looks on a background with the YIQ color 142.2730, 12.6530, 7.4770.



This preview shows how white text looks on a background with the YIQ color 142.2730, 12.6530,

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

142.2730, 12.6530, 7.4770

Protanopia

141.0540, -0.0920, 1.6680

Deuteranopia

141.9520, 9.1230, 5.3710



Tritanopia

142.6150, 11.6900, 8.4100

Trichromacy



Original Color

142.2730, 12.6530, 7.4770

Protanomaly

141.5600, 4.3550, 3.6750

Deuteranomaly

141.9630, 10.5900, 6.3180

Tritanomaly

142.5010, 12.0110, 8.0990

Monochromacy



Original Color

142.2730, 12.6530, 7.4770

Achromatopsia

142.0000, -0.0000, -0.0000

Achromatomaly

142.0330, 4.4010, 2.8410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 142.2730, 12.6530, 7.4770 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(159, 134, 141)` looks like.

```
.text, #text, p{  
    color:rgb(159, 134, 141)  
}
```

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(159, 134, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 134, 141) }
```

Border

The CSS property to change the border of an element to YIQ 142.2730, 12.6530, 7.4770 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(159, 134, 141) }
```


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

```
.border{ border-color:rgb(159, 134, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 134, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 134, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 134, 141);  
box-shadow:4px 4px 4px 4px rgb(159, 134,  
141) }
```

Background

The CSS property to change the background color of an element to YIQ 142.2730, 12.6530, 7.4770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 134, 141) }
```

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

```
.background{ background-color: rgb(159,  
134, 141) }
```

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