

Converting Colors

YIQ(119.9710, 14.9980,
-29.5300)

Have a look what the booklet for
YIQ(119.9710, 14.9980, -29.5300)
contains.

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Color

**YIQ(119.9710, 14.9980,
-29.5300)**

Conversions

Conversions Part 1

Format	Color
Hex	748735
RGB	116, 135, 53
RGB Percent	45%, 53%, 21%
CMY	0.5452, 0.4705, 0.7920
CMYK	0.14, 0.00, 0.61, 0.47
HSL	74°, 44%, 37%
HSV	74°, 61%, 53%
XYZ	16.5076, 21.2988, 6.6130
YIQ	119.9710, 14.9980, -29.5300

Conversions

Conversions Part 2

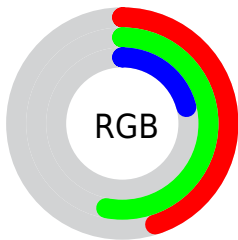
Format	Color
RYB	53, 135, 72
Decimal	7636789
CIELab	53.27, -19.63, 40.82
CIELCh	53, 45.299, 115.683
Yxy	21.2988, 0.3716, 0.4795
Android (android.graphics.Color)	4285826869 (0xFF748735)
YUV	119.9710, -33.0167, -3.4826
Hunter-Lab	46.1506, -16.9160, 23.8097

Details

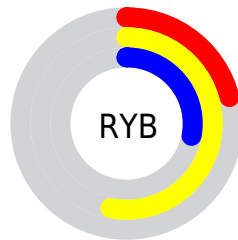
The YIQ color **119.9710, 14.9980, -29.5300** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **68.0290, -14.9980, 29.5300**, and the grayscale version is **120.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **172.9280, 16.5570, -30.2510**, and **69.3300, 15.3650, -30.6750** is the 20% darker color. If you saturate the color by 10%, you get **117.5920, 17.3830, -34.2090**, and if you desaturate by 10%, it is **122.4640, 12.2920, -24.5400**.

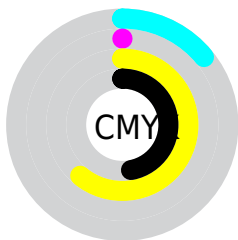
Distribution



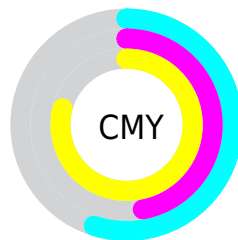
- Red (45%)
- Green (53%)
- Blue (21%)



- Red (21%)
- Yellow (53%)
- Blue (28%)



- Cyan (14%)
- Magenta (0%)
- Yellow (61%)
- Black (47%)



- Cyan (55%)
- Magenta (47%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 119.9710, 14.9980, -29.5300 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 119.9710, 14.9980, -29.5300 by changing the saturation by 10% instead.

■ 119.9710, 14.9980,
-29.5300

■ 119.9710, 14.9980,
-29.5300

■ 255.0000, -0.0000,
-0.0000

■ 94.6720, 14.4020,
-29.7420

■ 172.9280, 16.5570,
-30.2510

■ 69.3300, 15.3650,
-30.6750

■ 200.7000, 17.1990,
-30.8730

■ 48.9520, 7.9820,
-23.5220

■ 228.5860, 17.5200,
-31.1840

■ 28.2640, -1.4640,
-17.5280

■ 246.7920, 23.1120,
-22.3920

■ 11.7400, -5.5000,
-10.4600

■ 249.9840, 14.1240,
-13.6840

■ 0.0000, 0.0000,
0.0000

■ 253.2900, 4.8150,

-4.6650

■ 119.9710, 14.9980,
-29.5300

■ 119.9710, 14.9980,
-29.5300

■ 117.5920, 17.3830,
-34.2090

■ 122.4640, 12.2920,
-24.5400

■ 115.0990, 20.0890,
-39.1990

■ 124.8430, 9.9070,
-19.8610

■ 112.7200, 22.4740,
-43.8780

■ 127.3360, 7.2010,
-14.8710

■ 110.3410, 24.8590,
-48.5570

■ 130.0140, 5.4120,
-9.9800

■ 132.5070, 2.7060,
-4.9900

■ 134.8860, 0.3210,
-0.3110

■ 137.3790, -2.3850,
4.6790

■ 139.7580, -4.7700,
9.3580

■ 142.2510, -7.4760,
14.3480

Harmonies

Analogous

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



123.4910, 43.1930, -17.3750



119.9710, 14.9980, -29.5300



113.2080, -25.3940, -35.3940

Triad

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



119.9710, 14.9980, -29.5300



105.1280, -100.3610, -14.8650



128.2860, 47.3100, 34.6860

Complementary

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



119.9710, 14.9980, -29.5300



68.0290, -14.9980, 29.5300

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.



131.4860, 17.5080, 35.1400



119.9710, 14.9980, -29.5300



105.0290, -95.2280, -3.2600

Square

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



119.9710, 14.9980, -29.5300



103.9420, -91.5100, -26.5980



128.3050, -24.7630, 24.7810



126.7970, 61.3880, 21.8360

Rectangle

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



119.9710, 14.9980, -29.5300



97.3130, -74.2220, -42.5580



128.3050, -24.7630, 24.7810



129.7350, 38.7360, 35.8880

Sweetspot

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



119.9710, 14.9980, -29.5300



170.2590, 6.1000, -11.4360



88.0840, 43.9220, 7.9700



85.6380, 3.7150, -6.7570



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.



119.9710, 14.9980, -29.5300



152.4380, 23.2080, -46.1680



108.0110, -8.8420, -38.0100



65.0170, 1.3300, -2.0780



106.2100, 23.8500, -46.7900



2.3590, 0.3670, -1.1450

Inverse Universe

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



68.0290, -14.9980, 29.5300



71.2630, -23.8040, 45.9560



79.9890, 8.8420, 38.0100



60.9830, -1.3300, 2.0780



23.7900, -23.8500, 46.7900



0.6410, -0.3670, 1.1450

Previews

White Background



This preview shows how the YIQ color 119.9710, 14.9980, -29.5300 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 119.9710, 14.9980, -29.5300 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 119.9710, 14.9980, -29.5300

Background



This preview shows how black text looks on a background with the YIQ color 119.9710, 14.9980, -29.5300.



This preview shows how white text looks on a background with the YIQ color 119.9710, 14.9980,

-29.5300.

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

119.9710, 14.9980, -29.5300

Protanopia

122.8210, 33.3360, -20.4560

Deuteranopia

124.4680, 42.0000, -12.2720



Tritanopia

127.5420, -4.4020, 2.6860

Trichromacy



Original Color

119.9710, 14.9980, -29.5300

Protanomaly

122.0050, 26.8260, -23.6220

Deuteranomaly

122.8040, 32.0060, -18.3780

Tritanomaly

124.8720, 2.9360, -9.1600

Monochromacy



Original Color

119.9710, 14.9980, -29.5300

Achromatopsia

120.0000, -0.0000, -0.0000

Achromatomaly

119.9000, 5.7330, -10.2910

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.9710, 14.9980, -29.5300 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(116, 135, 53)` looks like.

```
.text, #text, p{  
    color:rgb(116, 135, 53)  
}
```

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(116, 135, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 135, 53) }
```

Border

The CSS property to change the border of an element to YIQ 119.9710, 14.9980, -29.5300 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(116, 135, 53) }
```


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

```
.border{ border-color:rgb(116, 135, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 135, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 135, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 135, 53);  
box-shadow:4px 4px 4px 4px rgb(116, 135,  
53) }
```

Background

The CSS property to change the background color of an element to YIQ 119.9710, 14.9980, -29.5300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 135, 53) }
```

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

```
.background{ background-color: rgb(116,  
135, 53) }
```

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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