

Converting Colors

YIQ(115.5070, 2.7060, -4.9900)

Have a look what the booklet for
YIQ(115.5070, 2.7060, -4.9900)
contains.

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Color

**YIQ(115.5070, 2.7060,
-4.9900)**

Conversions

Conversions Part 1

Format	Color
Hex	737668
RGB	115, 118, 104
RGB Percent	45%, 46%, 41%
CMY	0.5490, 0.5372, 0.5921
CMYK	0.03, 0.00, 0.12, 0.54
HSL	73°, 6%, 44%
HSV	73°, 12%, 46%
XYZ	16.0472, 17.6013, 15.6498
YIQ	115.5070, 2.7060, -4.9900

Conversions

Conversions Part 2

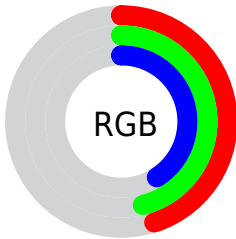
Format	Color
R_{YB}	104, 118, 107
Decimal	7566952
CIE _{Lab}	49.01, -3.86, 7.32
CIE _{LCh}	49, 8.277, 117.817
Yxy	17.6013, 0.3255, 0.3570
Android (android.graphics.Color)	4285757032 (0xFF737668)
YUV	115.5070, -5.6730, -0.4446
Hunter-Lab	41.9539, -5.1436, 7.2512

Details

The YIQ color **115.5070, 2.7060, -4.9900** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **106.4930, -2.7060, 4.9900**, and the grayscale version is **116.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **167.3930, 3.0270, -5.3010**, and **67.6210, 2.3850, -4.6790** is the 20% darker color. If you saturate the color by 10%, you get **113.2420, 4.7700, -9.3580**, and if you desaturate by 10%, it is **117.7720, 0.6420, -0.6220**.

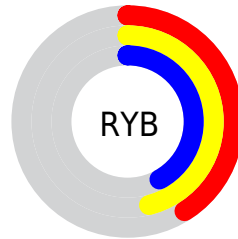
Distribution



Red (45%)

Green (46%)

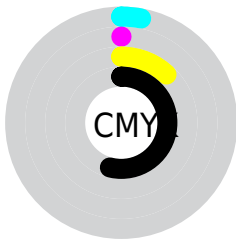
Blue (41%)



Red (41%)

Yellow (46%)

Blue (42%)

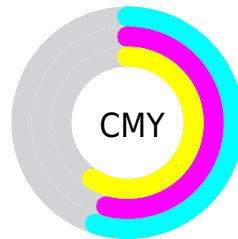


Cyan (3%)

Magenta (0%)

Yellow (12%)

Black (54%)



Cyan (55%)

Magenta (54%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 115.5070, 2.7060, -4.9900 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 115.5070, 2.7060, -4.9900 by changing the saturation by 10% instead.

■ 115.5070, 2.7060,
-4.9900

■ 115.5070, 2.7060,
-4.9900

■ 255.0000, -0.0000,
-0.0000

■ 90.6210, 2.3850,
-4.6790

■ 167.3930, 3.0270,
-5.3010

■ 67.6210, 2.3850,
-4.6790

■ 194.3930, 3.0270,
-5.3010

■ 45.0340, 2.6600,
-4.1560

■ 222.3930, 3.0270,
-5.3010

■ 24.6210, 2.3850,
-4.6790

■ 251.2790, 3.3480,
-5.6120

■ 0.0000, 0.0000,
0.0000

■ 115.5070, 2.7060,

■ 115.5070, 2.7060,

-4.9900

-4.9900

■ 113.2420, 4.7700,
-9.3580

■ 117.7720, 0.6420,
-0.6220

■ 111.2760, 7.4300,
-13.5140

■ 119.7380, -2.0180,
3.5340

■ 109.1250, 9.1730,
-17.5710

■ 121.8890, -3.7610,
7.5910

■ 107.1590, 11.8330,
-21.7270

■ 123.8550, -6.4210,
11.7470

■ 104.8940, 13.8970,
-26.0950

■ 126.1200, -8.4850,
16.1150

■ 102.9280, 16.5570,
-30.2510

■ 128.0860,
-11.1450, 20.2710

■ 100.6630, 18.6210,
-34.6190

■ 130.3510,
-13.2090, 24.6390

■ 98.8110, 20.9600,
-38.4640

■ 132.2030,
-15.5480, 28.4840

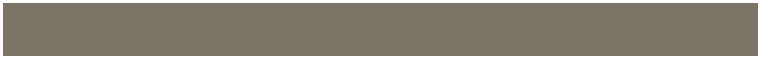
■ 97.0730, 22.9780,
-41.9980

■ 134.4680,
-17.6120, 32.8520

Harmonies

Analogous

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



116.6110, 8.3450, -2.5590



115.5070, 2.7060, -4.9900



114.8590, -4.2170, -6.1770

Triad

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



115.5070, 2.7060, -4.9900



114.9430, -13.0210, -0.8050



117.9520, 9.1230, 5.3710

Complementary

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



115.5070, 2.7060, -4.9900



106.4930, -2.7060, 4.9900

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.



117.8420, 3.6210, 5.9650



115.5070, 2.7060, -4.9900



115.7910, -9.5370, 2.1350

Square

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



115.5070, 2.7060, -4.9900



114.0630, -13.4790, -3.5190



117.1940, -3.3020, 4.7780



117.7520, 12.5620, 3.6180

Rectangle

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



115.5070, 2.7060, -4.9900



114.1190, -7.8850, -5.7810



117.1940, -3.3020, 4.7780



117.9950, 7.5640, 6.0920

Sweetspot

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



115.5070, 2.7060, -4.9900



152.0170, 1.3300, -2.0780



109.9470, 7.5190, 1.3990



76.2450, 0.6880, -1.4560



204.0000, -0.0000, -0.0000



77.0000, -0.0000, -0.0000

Same Dimension

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



115.5070, 2.7060, -4.9900



149.1110, 3.7610, -7.5910



113.4140, -1.4660, -6.4740



57.7180, 0.7340, -2.2900



100.3180, 23.6660, -43.4540



205.3540, 48.0660, -89.1980

Inverse Universe

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



106.4930, -2.7060, 4.9900



135.5900, -4.3570, 7.3790



108.5860, 1.4660, 6.4740



53.9830, -1.3300, 2.0780



21.6820, -23.6660, 43.4540



44.6460, -48.0660, 89.1980

Previews

White Background



This preview shows how the YIQ color 115.5070, 2.7060, -4.9900 looks on a white background.

Color Contrast Check

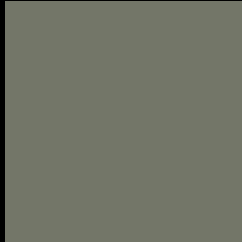
Large Text (above 18pt) WCAG AA ✓ Pass

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 115.5070, 2.7060, -4.9900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

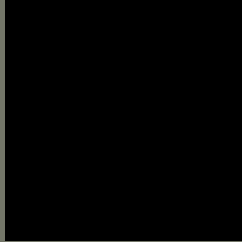
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 115.5070, 2.7060, -4.9900

Background



This preview shows how black text looks on a background with the YIQ color 115.5070, 2.7060, -4.9900.



This preview shows how white text looks on a background with the YIQ color 115.5070, 2.7060,

-4.9900.

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

115.5070, 2.7060, -4.9900

Protanopia

116.3120, 7.7490, -2.7710

Deuteranopia

117.1820, 14.1670, 2.0630



Tritanopia

116.9230, -1.1010, 3.4350

Trichromacy



Original Color

115.5070, 2.7060, -4.9900

Protanomaly

116.0020, 5.6860, -3.9300

Deuteranomaly

116.5620, 10.0410, -0.2550

Tritanomaly

116.4130, 0.2750, 0.5230

Monochromacy



Original Color

115.5070, 2.7060, -4.9900

Achromatopsia

116.0000, -0.0000, 0.0000

Achromatomaly

116.1310, 1.0090, -1.7670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 115.5070, 2.7060, -4.9900 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(115, 118, 104)` looks like.

```
.text, #text, p{  
    color:rgb(115, 118, 104)  
}
```

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(115, 118, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 118, 104) }
```

Border

The CSS property to change the border of an element to YIQ 115.5070, 2.7060, -4.9900 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(115, 118, 104) }
```


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

```
.border{ border-color:rgb(115, 118, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 118, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 118, 104); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 118, 104); box-shadow:4px 4px 4px 4px rgb(115, 118, 104) }
```

Background

The CSS property to change the background color of an element to YIQ 115.5070, 2.7060, -4.9900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 118, 104) }
```

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

```
.background{ background-color: rgb(115,  
118, 104) }
```

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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