

Converting Colors

YIQ(99.7330, 13.5730, -9.2030)

Have a look what the booklet for
YIQ(99.7330, 13.5730, -9.2030)
contains.

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Color

**YIQ(99.7330, 13.5730,
-9.2030)**

Conversions

Conversions Part 1

Format	Color
Hex	6B6645
RGB	107, 102, 69
RGB Percent	42%, 40%, 27%
CMY	0.5804, 0.6000, 0.7293
CMYK	0.00, 0.05, 0.35, 0.58
HSL	52°, 22%, 35%
HSV	52°, 35%, 42%
XYZ	11.8891, 13.0579, 7.5273
YIQ	99.7330, 13.5730, -9.2030

Conversions

Conversions Part 2

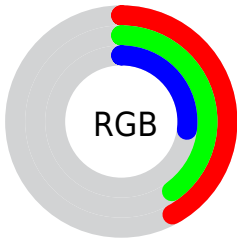
Format	Color
R_{YB}	75, 107, 69
Decimal	7038533
CIE Lab	42.85, -3.61, 19.38
CIE LCh	43, 19.715, 100.544
Yxy	13.0579, 0.3661, 0.4021
Android (android.graphics.Color)	4285228613 (0xFF6B6645)
YUV	99.7330, -15.1514, 6.3732
Hunter-Lab	36.1357, -4.5088, 12.9445

Details

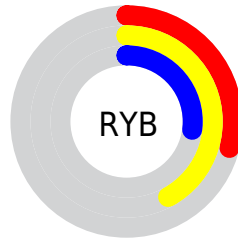
The YIQ color **99.7330, 13.5730, -9.2030** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **76.2670, -13.5730, 9.2030**, and the grayscale version is **100.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **150.8040, 14.8110, -9.6130**, and **52.7760, 12.0140, -8.4820** is the 20% darker color. If you saturate the color by 10%, you get **97.8920, 17.3790, -12.1010**, and if you desaturate by 10%, it is **101.5740, 9.7670, -6.3050**.

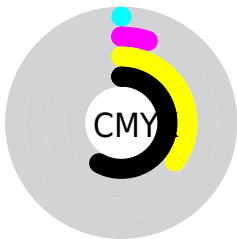
Distribution



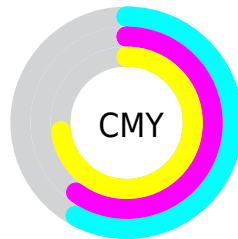
- Red (42%)
- Green (40%)
- Blue (27%)



- Red (29%)
- Yellow (42%)
- Blue (27%)



- Cyan (0%)
- Magenta (5%)
- Yellow (35%)
- Black (58%)



- Cyan (58%)
- Magenta (60%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 99.7330, 13.5730, -9.2030 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 99.7330, 13.5730, -9.2030 by changing the saturation by 10% instead.

■ 99.7330, 13.5730,
-9.2030

■ 99.7330, 13.5730,
-9.2030

■ 255.0000, -0.0000,
-0.0000

■ 75.5480, 12.6560,
-9.1040

■ 150.8040, 14.8110,
-9.6130

■ 52.7760, 12.0140,
-8.4820

■ 177.5760, 15.4530,
-10.2350

■ 31.0210, 12.7020,
-9.9380

■ 204.8750, 16.0490,
-10.0230

■ 9.7240, 0.5970,
-5.3150

■ 233.0600, 16.9660,
-10.1220

■ 0.0000, 0.0000,
0.0000

■ 251.5800, 9.6300,
-9.3300

254.8860, 0.3210,

-0.3110

■ 99.7330, 13.5730,
-9.2030

■ 99.7330, 13.5730,
-9.2030

■ 97.8920, 17.3790,
-12.1010

■ 101.5740, 9.7670,
-6.3050

■ 95.5780, 21.1390,
-14.1650

■ 103.8880, 6.0070,
-4.2410

■ 93.7370, 24.9450,
-17.0630

■ 105.7290, 2.2010,
-1.3430

■ 91.3090, 29.0260,
-19.4380

■ 108.1570, -1.8800,
1.0320

■ 89.5820, 32.5110,
-22.0250

■ 109.9980, -5.6860,
3.9300

■ 87.7410, 36.3170,
-24.9230

■ 111.7250, -9.1710,
6.5170

■ 86.5840, 38.1970,
-25.9550

■ 114.1530,
-13.2520, 8.8920

■ 115.9940,
-17.0580, 11.7900

■ 118.3080,
-20.8180, 13.8540

Harmonies

Analogous

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



101.5110, 23.2460, -2.7860



99.7330, 13.5730, -9.2030



98.0840, -0.7770, -13.4570

Triad

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



99.7330, 13.5730, -9.2030



93.1400, -38.7410, -8.2530



103.5710, 14.9900, 14.6860

Complementary

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



99.7330, 13.5730, -9.2030



76.2670, -13.5730, 9.2030

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.



103.3180, -0.4150, 13.0330



99.7330, 13.5730, -9.2030



96.5910, -32.4610, -0.9170

Square

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



99.7330, 13.5730, -9.2030



92.9140, -32.4130, -12.8050



101.0600, -17.4240, 7.4080



103.2530, 24.5730, 11.7170

Rectangle

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



99.7330, 13.5730, -9.2030



96.3970, -11.9640, -14.4600



101.0600, -17.4240, 7.4080



103.8200, 9.8550, 14.1350

Sweetspot

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



99.7330, 13.5730, -9.2030



137.1160, 5.3650, -3.6190



80.9320, 21.0430, 9.6110



69.3870, 3.1640, -2.2760



199.0000, -0.0000, 0.0000



71.0000, -0.0000, -0.0000

Same Dimension

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



99.7330, 13.5730, -9.2030



128.4640, 21.4600, -14.4760



98.4820, 3.8540, -14.7860



52.7290, 2.2010, -1.3430



94.8570, 41.6820, -28.5420



198.2860, 87.4450, -59.4590

Inverse Universe

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



76.2670, -13.5730, 9.2030



91.5360, -21.4600, 14.4760



77.5180, -3.8540, 14.7860



49.2710, -2.2010, 1.3430



22.1430, -41.6820, 28.5420



46.7140, -87.4450, 59.4590

Previews

White Background



This preview shows how the YIQ color 99.7330, 13.5730, -9.2030 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 99.7330, 13.5730, -9.2030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

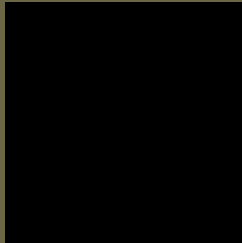
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 99.7330, 13.5730, -9.2030

Background



This preview shows how black text looks on a background with the YIQ color 99.7330, 13.5730, -9.2030.



This preview shows how white text looks on a background with the YIQ color 99.7330, 13.5730,

-9.2030.

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

99.7330, 13.5730, -9.2030

Protanopia

100.0430, 15.6360, -8.0440

Deuteranopia

101.0980, 22.9710, -3.3090



Tritanopia

102.0980, 5.7760, 5.4560

Trichromacy



Original Color

99.7330, 13.5730, -9.2030

Protanomaly

99.7440, 15.0400, -8.2560

Deuteranomaly

100.7770, 19.4410, -5.4150

Tritanomaly

101.4910, 8.8030, 0.1550

Monochromacy



Original Color

99.7330, 13.5730, -9.2030

Achromatopsia

100.0000, -0.0000, -0.0000

Achromatomaly

100.2300, 5.0440, -3.3080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 99.7330, 13.5730, -9.2030 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(107, 102, 69)` looks like.

```
.text, #text, p{  
    color:rgb(107, 102, 69)  
}
```

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(107, 102, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 102, 69) }
```

Border

The CSS property to change the border of an element to YIQ 99.7330, 13.5730, -9.2030 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(107, 102, 69) }
```


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

```
.border{ border-color:rgb(107, 102, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 102, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 102, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 102, 69);  
box-shadow:4px 4px 4px 4px rgb(107, 102,  
69) }
```

Background

The CSS property to change the background color of an element to YIQ 99.7330, 13.5730, -9.2030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 102, 69) }
```

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

```
.background{ background-color: rgb(107,  
102, 69) }
```

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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