

Converting Colors

YIQ(113.9030, 1.6510, -2.3890)

Have a look what the booklet for
YIQ(113.9030, 1.6510, -2.3890)
contains.

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Color

**YIQ(113.9030, 1.6510,
-2.3890)**

Conversions

Conversions Part 1

Format	Color
Hex	72736C
RGB	114, 115, 108
RGB Percent	45%, 45%, 42%
CMY	0.5529, 0.5490, 0.5765
CMYK	0.01, 0.00, 0.06, 0.55
HSL	69°, 3%, 44%
HSV	69°, 6%, 45%
XYZ	15.7769, 16.9216, 16.6229
YIQ	113.9030, 1.6510, -2.3890

Conversions

Conversions Part 2

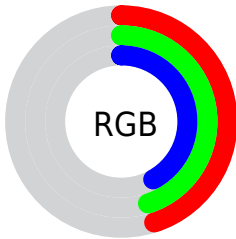
Format	Color
RYB	108, 115, 109
Decimal	7500652
CIELab	48.16, -1.77, 3.73
CIELCh	48, 4.129, 115.363
Yxy	16.9216, 0.3199, 0.3431
Android (android.graphics.Color)	4285690732 (0xFF72736C)
YUV	113.9030, -2.9102, 0.0851
Hunter-Lab	41.1359, -3.5274, 4.8362

Details

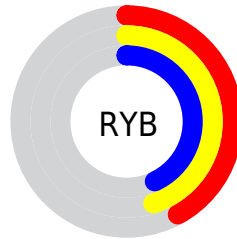
The YIQ color **113.9030, 1.6510, -2.3890** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **109.0970, -1.6510, 2.3890**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.7890, 1.9720, -2.7000**, and **66.0170, 1.3300, -2.0780** is the 20% darker color. If you saturate the color by 10%, you get **112.0510, 3.9900, -6.2340**, and if you desaturate by 10%, it is **115.8690, -1.0090, 1.7670**.

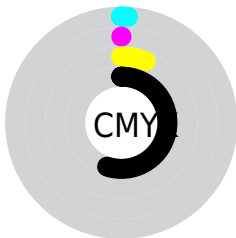
Distribution



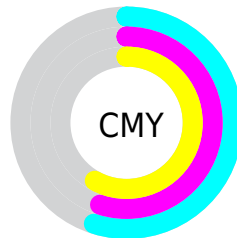
- Red (45%)
- Green (45%)
- Blue (42%)



- Red (42%)
- Yellow (45%)
- Blue (43%)



- Cyan (1%)
- Magenta (0%)
- Yellow (6%)
- Black (55%)



- Cyan (55%)
- Magenta (55%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 113.9030, 1.6510, -2.3890 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 113.9030, 1.6510, -2.3890 by changing the saturation by 10% instead.

■ 113.9030, 1.6510,
-2.3890

■ 113.9030, 1.6510,
-2.3890

■ 255.0000, -0.0000,
-0.0000

■ 89.3160, 1.9260,
-1.8660

■ 165.7890, 1.9720,
-2.7000

■ 66.0170, 1.3300,
-2.0780

■ 192.7890, 1.9720,
-2.7000

■ 44.0170, 1.3300,
-2.0780

■ 220.7890, 1.9720,
-2.7000

■ 23.3160, 1.9260,
-1.8660

■ 248.7890, 1.9720,
-2.7000

■ 0.0000, 0.0000,
0.0000

■ 113.9030, 1.6510,

■ 113.9030, 1.6510,

-2.3890

-2.3890

■ 112.0510, 3.9900,
-6.2340

■ 115.8690, -1.0090,
1.7670

■ 110.3840, 7.2460,
-10.1780

■ 117.4220, -3.9440,
5.4000

■ 108.5320, 9.5850,
-14.0230

■ 119.3880, -6.6040,
9.5560

■ 106.5660, 12.2450,
-18.1790

■ 121.2400, -8.9430,
13.4010

■ 105.0130, 15.1800,
-21.8120

■ 122.9070,
-12.1990, 17.3450

■ 103.0470, 17.8400,
-25.9680

■ 124.7590,
-14.5380, 21.1900

■ 101.1950, 20.1790,
-29.8130

■ 126.7250,
-17.1980, 25.3460

■ 99.5280, 23.4350,
-33.7570

■ 128.2780,
-20.1330, 28.9790

■ 97.6760, 25.7740,
-37.6020

■ 130.2440,
-22.7930, 33.1350

Harmonies

Analogous

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



114.3980, 4.6310, -1.3290



113.9030, 1.6510, -2.3890



113.5220, -1.6500, -3.1380

Triad

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



113.9030, 1.6510, -2.3890



113.7650, -6.6480, -0.6640



115.0330, 4.4010, 2.8410

Complementary

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



113.9030, 1.6510, -2.3890



109.0970, -1.6510, 2.3890

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.



115.0650, 1.3750, 2.6150



113.9030, 1.6510, -2.3890



114.1890, -4.9060, 0.8060

Square

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



113.9030, 1.6510, -2.3890



113.1240, -6.2810, -1.8090



114.7980, -2.2470, 2.1770



114.8760, 6.2810, 1.8090

Rectangle

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



113.9030, 1.6510, -2.3890



113.1520, -3.4840, -2.9400



114.7980, -2.2470, 2.1770



114.8480, 3.4840, 2.9400

Sweetspot

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



113.9030, 1.6510, -2.3890



149.6580, 0.9630, -0.9330



110.6800, 3.8970, 0.9610



76.4730, 0.0460, -0.8340



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.



113.9030, 1.6510, -2.3890



148.5610, 2.6140, -3.3220



113.0060, -0.1370, -3.0250



58.1310, 1.0090, -1.7670



103.0090, 29.0300, -41.5460



210.7360, 58.7940, -85.3820

Inverse Universe

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



109.0970, -1.6510, 2.3890



141.4390, -2.6140, 3.3220



109.9940, 0.1370, 3.0250



54.8690, -1.0090, 1.7670



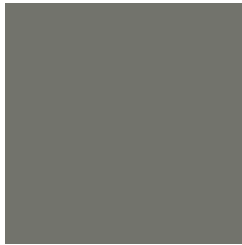
19.2900, -28.4340, 41.7580



39.2640, -58.7940, 85.3820

Previews

White Background



This preview shows how the YIQ color 113.9030, 1.6510, -2.3890 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 113.9030, 1.6510, -2.3890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

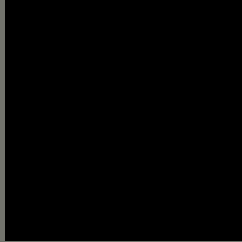
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 113.9030, 1.6510, -2.3890

Background



This preview shows how black text looks on a background with the YIQ color 113.9030, 1.6510, -2.3890.



This preview shows how white text looks on a background with the YIQ color 113.9030, 1.6510,

-2.3890.

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

113.9030, 1.6510, -2.3890

Protanopia

114.3980, 4.6310, -1.3290

Deuteranopia

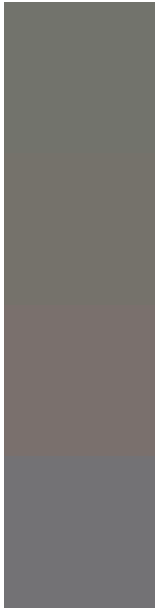
114.9690, 10.4530, 3.2930



Tritanopia

114.9230, -1.1010, 3.4350

Trichromacy



Original Color

113.9030, 1.6510, -2.3890

Protanomaly

114.0990, 4.0350, -1.5410

Deuteranomaly

114.6480, 6.9230, 1.1870

Tritanomaly

114.6410, -0.3670, 1.1450

Monochromacy



Original Color

113.9030, 1.6510, -2.3890

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

113.7720, 0.6420, -0.6220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 113.9030, 1.6510, -2.3890 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(114, 115, 108)` looks like.

```
.text, #text, p{  
    color:rgb(114, 115, 108)  
}
```

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(114, 115, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 115, 108) }
```

Border

The CSS property to change the border of an element to YIQ 113.9030, 1.6510, -2.3890 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(114, 115, 108) }
```


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

```
.border{ border-color:rgb(114, 115, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 115, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 115, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 115, 108);  
box-shadow:4px 4px 4px 4px rgb(114, 115,  
108) }
```

Background

The CSS property to change the background color of an element to YIQ 113.9030, 1.6510, -2.3890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 115, 108) }
```

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

```
.background{ background-color: rgb(114,  
115, 108) }
```

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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