

Converting Colors

YIQ(113.9910, 4.2190, -4.8770)

Have a look what the booklet for
YIQ(113.9910, 4.2190, -4.8770)
contains.

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Color

**YIQ(113.9910, 4.2190,
-4.8770)**

Conversions

Conversions Part 1

Format	Color
Hex	737465
RGB	115, 116, 101
RGB Percent	45%, 45%, 40%
CMY	0.5490, 0.5451, 0.6039
CMYK	0.01, 0.00, 0.13, 0.55
HSL	64°, 7%, 43%
HSV	64°, 13%, 45%
XYZ	15.6646, 17.0752, 14.7840
YIQ	113.9910, 4.2190, -4.8770

Conversions

Conversions Part 2

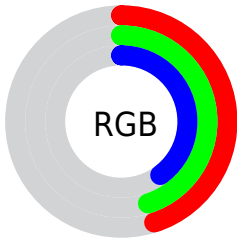
Format	Color
R_{YB}	101, 116, 102
Decimal	7566437
CIE _{Lab}	48.35, -3.26, 8.16
CIE _{LCh}	48, 8.787, 111.754
Yxy	17.0752, 0.3296, 0.3593
Android (android.graphics.Color)	4285756517 (0xFF737465)
YUV	113.9910, -6.4046, 0.8849
Hunter-Lab	41.3222, -4.6473, 7.7131

Details

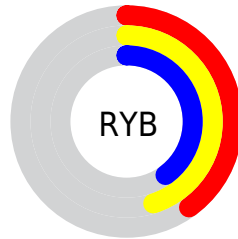
The YIQ color **113.9910, 4.2190, -4.8770** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **103.0090, -4.2190, 4.8770**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.8770, 4.5400, -5.1880**, and **66.1050, 3.8980, -4.5660** is the 20% darker color. If you saturate the color by 10%, you get **112.3240, 7.4750, -8.8210**, and if you desaturate by 10%, it is **115.6580, 0.9630, -0.9330**.

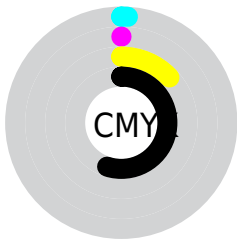
Distribution



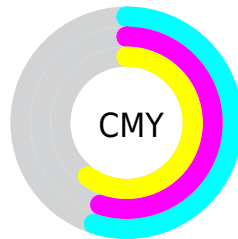
- Red (45%)
- Green (45%)
- Blue (40%)



- Red (40%)
- Yellow (45%)
- Blue (40%)



- Cyan (1%)
- Magenta (0%)
- Yellow (13%)
- Black (55%)



- Cyan (55%)
- Magenta (55%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 113.9910, 4.2190, -4.8770 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 113.9910, 4.2190, -4.8770 by changing the saturation by 10% instead.

■ 113.9910, 4.2190,
-4.8770

■ 113.9910, 4.2190,
-4.8770

■ 255.0000, -0.0000,
-0.0000

■ 89.1050, 3.8980,
-4.5660

■ 165.8770, 4.5400,
-5.1880

■ 66.1050, 3.8980,
-4.5660

■ 192.8770, 4.5400,
-5.1880

■ 44.2190, 3.5770,
-4.2550

■ 220.7630, 4.8610,
-5.4990

■ 23.2900, 4.8150,
-4.6650

■ 249.6490, 5.1820,
-5.8100

■ 0.0000, 0.0000,
0.0000

■ 113.9910, 4.2190,

■ 113.9910, 4.2190,

-4.8770

-4.8770

■ 112.3240, 7.4750,
-8.8210

■ 115.6580, 0.9630,
-0.9330

■ 110.7710, 10.4100,
-12.4540

■ 117.2110, -1.9720,
2.7000

■ 109.4030, 14.2620,
-16.1860

■ 118.5790, -5.8240,
6.4320

■ 107.8500, 17.1970,
-19.8190

■ 120.1320, -8.7590,
10.0650

■ 106.1830, 20.4530,
-23.7630

■ 121.7990,
-12.0150, 14.0090

■ 104.5160, 23.7090,
-27.7070

■ 123.4660,
-15.2710, 17.9530

■ 103.2620, 27.2400,
-31.1280

■ 124.7200,
-18.8020, 21.3740

■ 101.5950, 30.4960,
-35.0720

■ 126.3870,
-22.0580, 25.3180

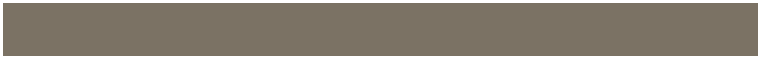
■ 100.3840, 32.4680,
-37.7720

■ 127.9400,
-24.9930, 28.9510

Harmonies

Analogous

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



115.0950, 9.8580, -2.4460



113.9910, 4.2190, -4.8770



112.9300, -2.9790, -6.5870

Triad

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



113.9910, 4.2190, -4.8770



112.9320, -14.4880, -1.7520



116.4790, 9.0770, 6.2050

Complementary

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



113.9910, 4.2190, -4.8770



103.0090, -4.2190, 4.8770

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.



116.0700, 2.9790, 6.5870



113.9910, 4.2190, -4.8770



114.1930, -10.7290, 1.7110

Square

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



113.9910, 4.2190, -4.8770



112.2370, -14.0290, -4.5650



115.5960, -4.4940, 4.3540



116.2790, 12.5160, 4.4520

Rectangle

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



113.9910, 4.2190, -4.8770



112.5920, -7.8390, -6.6150



115.5960, -4.4940, 4.3540



116.2230, 6.9220, 6.7140

Sweetspot

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



113.9910, 4.2190, -4.8770



149.3160, 1.9260, -1.8660



106.0720, 8.6650, 2.6570



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.



113.9910, 4.2190, -4.8770



146.9650, 7.1080, -7.6760



111.8980, 0.0470, -6.3610



58.0170, 1.3300, -2.0780



105.7000, 34.3940, -39.6380



216.4170, 70.1180, -81.3540

Inverse Universe

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



103.0090, -4.2190, 4.8770



129.3340, -6.5120, 7.8880



105.4010, 0.5490, 6.5730



53.6840, -1.9260, 1.8660



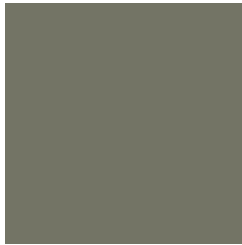
16.3000, -34.3940, 39.6380



33.5830, -70.1180, 81.3540

Previews

White Background



This preview shows how the YIQ color 113.9910, 4.2190, -4.8770 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 113.9910, 4.2190, -4.8770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

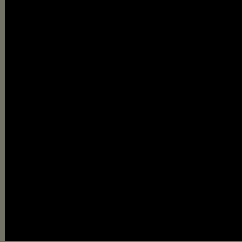
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 113.9910, 4.2190, -4.8770

Background



This preview shows how black text looks on a background with the YIQ color 113.9910, 4.2190, -4.8770.



This preview shows how white text looks on a background with the YIQ color 113.9910, 4.2190,

-4.8770.

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

113.9910, 4.2190, -4.8770

Protanopia

114.1980, 8.0700, -3.0820

Deuteranopia

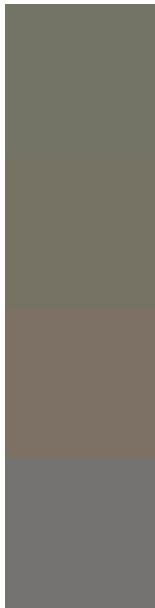
115.6550, 14.2130, 1.2290



Tritanopia

115.5210, 0.0910, 3.8590

Trichromacy



Original Color

113.9910, 4.2190, -4.8770

Protanomaly

114.1870, 6.6030, -4.0290

Deuteranomaly

115.3340, 10.6830, -0.8770

Tritanomaly

114.8970, 1.7880, 0.6360

Monochromacy



Original Color

113.9910, 4.2190, -4.8770

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

114.0170, 1.3300, -2.0780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 113.9910, 4.2190, -4.8770 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, 116, 101)` looks like.

```
.text, #text, p{  
    color:rgb(115, 116, 101)  
}
```

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, 116, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 116, 101) }
```

Border

The CSS property to change the border of an element to YIQ 113.9910, 4.2190, -4.8770 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, 116, 101) }
```


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

```
.border{ border-color:rgb(115, 116, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 116, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 116, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 116, 101);  
box-shadow:4px 4px 4px 4px rgb(115, 116,  
101) }
```

Background

The CSS property to change the background color of an element to YIQ 113.9910, 4.2190, -4.8770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 116, 101) }
```

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

```
.background{ background-color: rgb(115,  
116, 101) }
```

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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