

Converting Colors

YIQ(103.2190, -5.5910,
-14.3190)

Have a look what the booklet for
YIQ(103.2190, -5.5910, -14.3190)
contains.

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Color

**YIQ(103.2190, -5.5910,
-14.3190)**

Conversions

Conversions Part 1

Format	Color
Hex	597255
RGB	89, 114, 85
RGB Percent	35%, 45%, 33%
CMY	0.6511, 0.5529, 0.6667
CMYK	0.22, 0.00, 0.25, 0.55
HSL	112°, 15%, 39%
HSV	112°, 25%, 45%
XYZ	11.7761, 14.8157, 10.8334
YIQ	103.2190, -5.5910, -14.3190

Conversions

Conversions Part 2

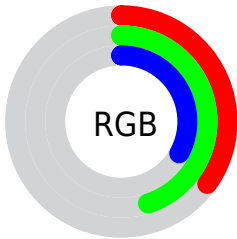
Format	Color
R_{YB}	85, 114, 110
Decimal	5861973
CIE _{Lab}	45.38, -15.31, 13.15
CIE _{LCh}	45, 20.184, 139.331
Yxy	14.8157, 0.3147, 0.3959
Android (android.graphics.Color)	4284052053 (0xFF597255)
YUV	103.2190, -8.9820, -12.4701
Hunter-Lab	38.4912, -12.7488, 10.2566

Details

The YIQ color $103.2190, -5.5910, -14.3190$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $95.7810, 5.5910, 14.3190$, and the grayscale version is $103.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $154.3930, -6.1410, -15.3650$, and $56.1590, -5.3620, -12.9620$ is the 20% darker color. If you saturate the color by 10%, you get $98.9750, -8.0200, -19.8600$, and if you desaturate by 10%, it is $107.4630, -3.1620, -8.7780$.

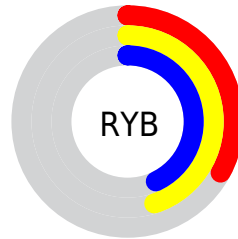
Distribution



Red (35%)

Green (45%)

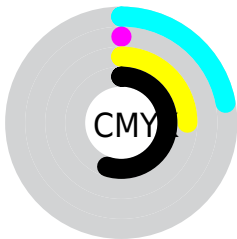
Blue (33%)



Red (33%)

Yellow (45%)

Blue (43%)

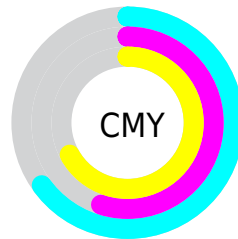


Cyan (22%)

Magenta (0%)

Yellow (25%)

Black (55%)



Cyan (65%)

Magenta (55%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 103.2190, -5.5910, -14.3190 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 103.2190, -5.5910, -14.3190 by changing the saturation by 10% instead.

■ 103.2190, -5.5910,
-14.3190

■ 103.2190, -5.5910,
-14.3190

■ 255.0000, -0.0000,
-0.0000

■ 78.7460, -5.6370,
-13.4850

■ 154.3930, -6.1410,
-15.3650

■ 56.1590, -5.3620,
-12.9620

■ 181.2790, -5.8200,
-15.6760

■ 34.2730, -5.6830,
-12.6510

■ 208.8660, -6.0950,
-16.1990

■ 14.0880, -6.6000,
-12.5520

■ 237.4530, -6.3700,
-16.7220

■ 0.0000, 0.0000,
0.0000

■ 252.2510, 0.5510,
-4.4810

■ 103.2190, -5.5910,
-14.3190

■ 103.2190, -5.5910,
-14.3190

■ 98.9750, -8.0200,
-19.8600

■ 107.4630, -3.1620,
-8.7780

■ 94.6170, -10.1280,
-25.7120

■ 111.8210, -1.0540,
-2.9260

■ 90.3730, -12.5570,
-31.2530

■ 115.7660, 0.7790,
2.4030

■ 86.3140, -14.0690,
-36.8930

■ 120.1240, 2.8870,
8.2550

■ 82.0700, -16.4980,
-42.4340

■ 124.3680, 5.3160,
13.7960

■ 77.8260, -18.9270,
-47.9750

■ 128.6120, 7.7450,
19.3370

■ 73.4680, -21.0350,
-53.8270

■ 132.9700, 9.8530,
25.1890

■ 71.7020, -21.8140,

■ 137.2140, 12.2820,

-56.2300

30.7300

■ 141.5720, 14.3900,
36.5820

Harmonies

Analogous

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



105.4120, 10.0430, -11.3090



103.2190, -5.5910, -14.3190



100.5360, -22.6010, -14.4170

Triad

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



103.2190, -5.5910, -14.3190



104.1400, -29.5730, 1.8110



108.9820, 26.7740, 10.3740

Complementary

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



103.2190, -5.5910, -14.3190



95.7810, 5.5910, 14.3190

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.



110.3110, 18.6580, 14.2900



103.2190, -5.5910, -14.3190



107.9790, -12.7020, 9.9380

Square

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



103.2190, -5.5910, -14.3190



100.1940, -38.8330, -6.5850



109.7100, 4.3530, 14.7290



108.5380, 27.7840, 3.0800

Rectangle

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



103.2190, -5.5910, -14.3190



99.3870, -32.3670, -13.6390



109.7100, 4.3530, 14.7290



109.6660, 24.8480, 12.2400

Sweetspot

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



103.2190, -5.5910, -14.3190



143.6420, -2.1080, -5.8520



108.3460, 10.4090, -6.9270



71.4080, -1.3290, -3.4490



201.0000, -0.0000, 0.0000



74.0000, -0.0000, 0.0000

Same Dimension

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



103.2190, -5.5910, -14.3190



130.7960, -9.0740, -22.7860



103.1630, -11.1850, -12.0570



53.8210, -1.0540, -2.9260



75.2240, -23.4640, -59.3680



155.1550, -47.6610, -121.9730

Inverse Universe

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



95.7810, 5.5910, 14.3190



119.2040, 9.0740, 22.7860



95.8370, 11.1850, 12.0570



52.1790, 1.0540, 2.9260



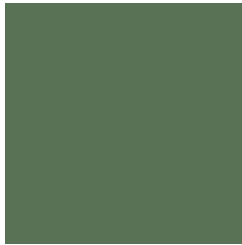
44.4770, 22.8680, 59.1560



91.8450, 47.6610, 121.9730

Previews

White Background



This preview shows how the YIQ color 103.2190, -5.5910, -14.3190 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 103.2190, -5.5910, -14.3190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

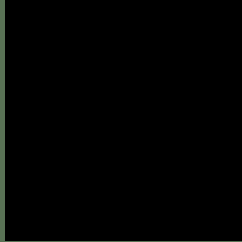
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 103.2190, -5.5910, -14.3190

Background



This preview shows how black text looks on a background with the YIQ color 103.2190, -5.5910, -14.3190.



This preview shows how white text looks on a background with the YIQ color 103.2190, -5.5910,

-14.3190.

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

103.2190, -5.5910, -14.3190

Protanopia

106.2430, 12.1970, -6.2910

Deuteranopia

107.4550, 17.6520, -0.5240



Tritanopia

106.4270, -11.5080, -0.6920

Trichromacy



Original Color

103.2190, -5.5910, -14.3190

Protanomaly

105.4270, 5.6870, -9.4570

Deuteranomaly

105.8020, 9.1250, -5.6830

Tritanomaly

105.0480, -9.1230, -5.3710

Monochromacy



Original Color

103.2190, -5.5910, -14.3190

Achromatopsia

103.0000, -0.0000, 0.0000

Achromatomaly

103.0550, -1.8330, -5.3290

CSS Examples

Text

The CSS property to change the color of the text to YIQ 103.2190, -5.5910, -14.3190 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(89, 114, 85)` looks like.

```
.text, #text, p{  
    color:rgb(89, 114, 85)  
}
```

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(89, 114, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 114, 85) }
```

Border

The CSS property to change the border of an element to YIQ 103.2190, -5.5910, -14.3190 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(89, 114, 85) }
```


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

```
.border{ border-color:rgb(89, 114, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 114, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 114, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 114, 85);  
box-shadow:4px 4px 4px 4px rgb(89, 114,  
85) }
```

Background

The CSS property to change the background color of an element to YIQ 103.2190, -5.5910, -14.3190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 114, 85) }
```

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

```
.background{ background-color: rgb(89, 114,  
85) }
```

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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