

Converting Colors

YIQ(25.9910, 4.2190, -4.8770)

Have a look what the booklet for
YIQ(25.9910, 4.2190, -4.8770)
contains.

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Color

**YIQ(25.9910, 4.2190,
-4.8770)**

Conversions

Conversions Part 1

Format	Color
Hex	1B1C0D
RGB	27, 28, 13
RGB Percent	11%, 11%, 5%
CMY	0.8941, 0.8902, 0.9490
CMYK	0.04, 0.00, 0.54, 0.89
HSL	64°, 37%, 8%
HSV	64°, 54%, 11%
XYZ	0.9399, 1.0926, 0.5424
YIQ	25.9910, 4.2190, -4.8770

Conversions

Conversions Part 2

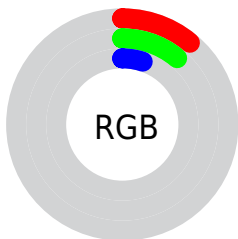
Format	Color
RYB	13, 28, 14
Decimal	1776653
CIELab	9.74, -3.63, 9.04
CIELCh	10, 9.737, 111.879
Yxy	1.0926, 0.3650, 0.4243
Android (android.graphics.Color)	4279966733 (0xFF1B1C0D)
YUV	25.9910, -6.4046, 0.8849
Hunter-Lab	10.4526, -2.2419, 4.2404

Details

The YIQ color **25.9910, 4.2190, -4.8770** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **15.0090, -4.2190, 4.8770**, and the grayscale version is **26.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **68.9910, 4.2190, -4.8770**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **25.6490, 5.1820, -5.8100**, and if you desaturate by 10%, it is **26.3330, 3.2560, -3.9440**.

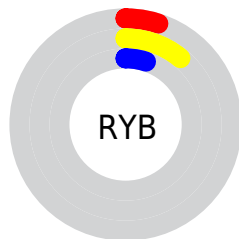
Distribution



Red (11%)

Green (11%)

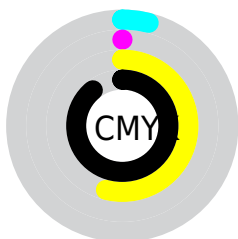
Blue (5%)



Red (5%)

Yellow (11%)

Blue (5%)

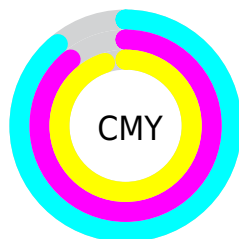


Cyan (4%)

Magenta (0%)

Yellow (54%)

Black (89%)



Cyan (89%)

Magenta (89%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 25.9910, 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 25.9910, 4.2190, -4.8770 by changing the saturation by 10% instead.

■ 25.9910, 4.2190,
-4.8770

■ 25.9910, 4.2190,
-4.8770

■ 252.9480, 5.7780,
-5.5980

■ 0.0000, 0.0000,
0.0000

■ 68.9910, 4.2190,
-4.8770

■ 92.8770, 4.5400,
-5.1880

■ 117.4640, 4.2650,
-5.7110

■ 142.7630, 4.8610,
-5.4990

■ 169.6490, 5.1820,
-5.8100

■ 196.6490, 5.1820,

-5.8100

■ 224.5350, 5.5030,
-6.1210

■ 25.9910, 4.2190,
-4.8770

■ 25.9910, 4.2190,
-4.8770

■ 25.6490, 5.1820,
-5.8100

■ 26.3330, 3.2560,
-3.9440

■ 25.3070, 6.1450,
-6.7430

■ 26.6750, 2.2930,
-3.0110

■ 24.7800, 6.1910,
-7.5770

■ 27.2020, 2.2470,
-2.1770

■ 24.4380, 7.1540,
-8.5100

■ 27.5440, 1.2840,
-1.2440

■ 24.2100, 7.7960,
-9.1320

■ 27.8860, 0.3210,
-0.3110

■ 28.2280, -0.6420,
0.6220

■ 28.5700, -1.6050,
1.5550

■ 28.7980, -2.2470,
2.1770

■ 29.4390, -2.6140,
3.3220

Harmonies

Analogous

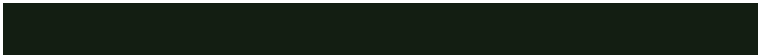
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



26.7960, 9.2620, -2.6580



25.9910, 4.2190, -4.8770



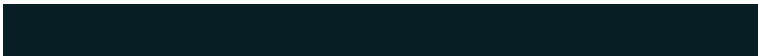
25.3430, -2.7040, -6.0640

Triad

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



25.9910, 4.2190, -4.8770



23.9210, -15.9550, -2.6990



27.8810, 7.8850, 5.7810

Complementary

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



25.9910, 4.2190, -4.8770



15.0090, -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.



28.2440, 2.4290, 5.5410



25.9910, 4.2190, -4.8770



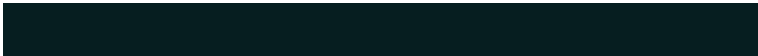
25.4810, -11.6000, 0.9760

Square

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



25.9910, 4.2190, -4.8770



23.0520, -14.9460, -4.4660



27.1830, -4.7690, 3.8310



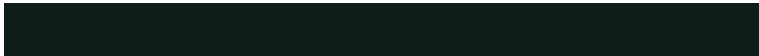
27.3820, 10.7280, 3.8160

Rectangle

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



25.9910, 4.2190, -4.8770



24.4180, -7.2890, -5.5690



27.1830, -4.7690, 3.8310



28.0980, 5.7760, 5.4560

Sweetspot

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



25.9910, 4.2190, -4.8770



35.0170, 1.3300, -2.0780



18.0720, 8.6650, 2.6570



17.5440, 1.2840, -1.2440



145.0000, 0.0000, -0.0000



18.0000, -0.0000, 0.0000

Same Dimension

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



25.9910, 4.2190, -4.8770



32.7800, 6.1910, -7.5770



23.8980, 0.0470, -6.3610



12.7720, 0.6420, -0.6220



66.4280, 21.1410, -25.2190



176.5580, 57.1400, -66.4120

Inverse Universe

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



15.0090, -4.2190, 4.8770



15.9210, -6.7870, 7.3650



17.4010, 0.5490, 6.5730



11.5270, -0.0460, 0.8340



10.2730, -21.7370, 25.0070



27.4420, -57.1400, 66.4120

Previews

White Background



This preview shows how the YIQ color 25.9910, 4.2190, -4.8770 looks on a white background.

Color Contrast Check

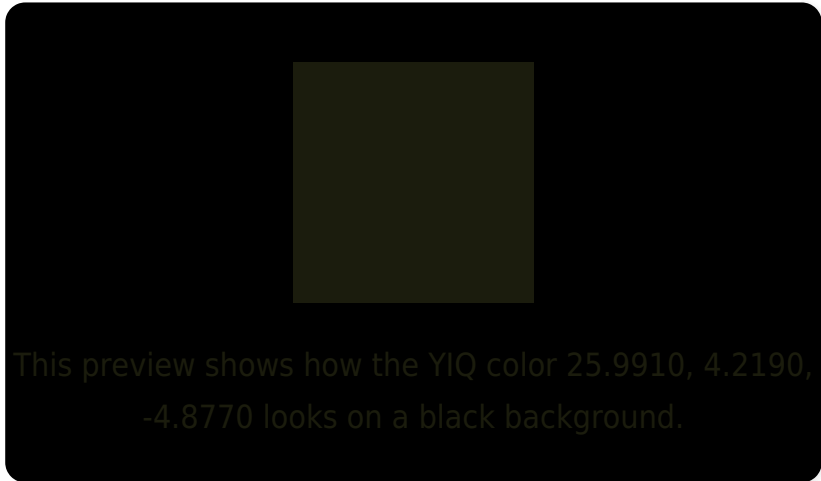
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

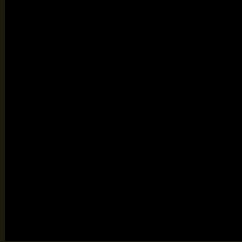
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 25.9910, 4.2190, -4.8770

Background



This preview shows how black text looks on a background with the YIQ color 25.9910, 4.2190, -4.8770.



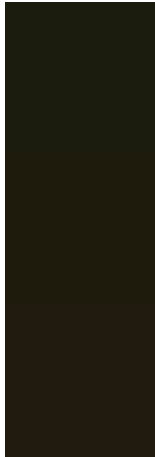
This preview shows how white text looks on a background with the YIQ color 25.9910, 4.2190,

-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

25.9910, 4.2190, -4.8770

Protanopia

26.3010, 6.2820, -3.7180

Deuteranopia

26.7250, 8.0240, -2.2480



Tritanopia

27.1250, 1.1460, 1.2580

Trichromacy



Original Color

25.9910, 4.2190, -4.8770

Protanomaly

26.0020, 5.6860, -3.9300

Deuteranomaly

26.7140, 6.5570, -3.1950

Tritanomaly

26.8430, 1.8800, -1.0320

Monochromacy



Original Color

25.9910, 4.2190, -4.8770

Achromatopsia

26.0000, -0.0000, -0.0000

Achromatomaly

26.0170, 1.3300, -2.0780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 25.9910, 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(27, 28, 13)` looks like.

```
.text, #text, p{  
    color:rgb(27, 28, 13)  
}
```

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(27, 28, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 28, 13) }
```

Border

The CSS property to change the border of an element to YIQ 25.9910, 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(27, 28, 13) }
```


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

```
.border{ border-color:rgb(27, 28, 13) }
```

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

Here you see how a box with a 4 pixel rgb(27, 28, 13) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 28, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 28, 13);  
box-shadow:4px 4px 4px 4px rgb(27, 28, 13)  
}
```

Background

The CSS property to change the background color of an element to YIQ 25.9910, 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(27, 28, 13) }
```

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

```
.background{ background-color: rgb(27, 28,  
13) }
```

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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