

Converting Colors

YIQ(25.8770, 4.5400, -5.1880)

Have a look what the booklet for
YIQ(25.8770, 4.5400, -5.1880)
contains.

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Color

**YIQ(25.8770, 4.5400,
-5.1880)**

Conversions

Conversions Part 1

Format	Color
Hex	1B1C0C
RGB	27, 28, 12
RGB Percent	11%, 11%, 5%
CMY	0.8941, 0.8902, 0.9529
CMYK	0.04, 0.00, 0.57, 0.89
HSL	64°, 40%, 8%
HSV	64°, 57%, 11%
XYZ	0.9336, 1.0901, 0.5093
YIQ	25.8770, 4.5400, -5.1880

Conversions

Conversions Part 2

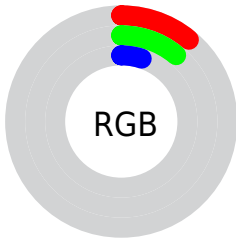
Format	Color
R_{YB}	12, 28, 13
Decimal	1776652
CIE Lab	9.72, -3.78, 9.47
CIE LCh	10, 10.202, 111.766
Yxy	1.0901, 0.3686, 0.4304
Android (android.graphics.Color)	4279966732 (0xFF1B1C0C)
YUV	25.8770, -6.8414, 0.9849
Hunter-Lab	10.4406, -2.3098, 4.4164

Details

The YIQ color **25.8770, 4.5400, -5.1880** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **14.1230, -4.5400, 5.1880**, and the grayscale version is **26.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **68.8770, 4.5400, -5.1880**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **25.5350, 5.5030, -6.1210**, and if you desaturate by 10%, it is **26.2190, 3.5770, -4.2550**.

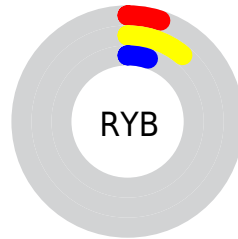
Distribution



Red (11%)

Green (11%)

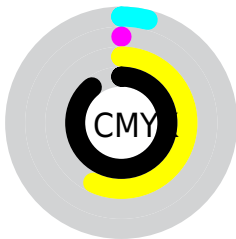
Blue (5%)



Red (5%)

Yellow (11%)

Blue (5%)

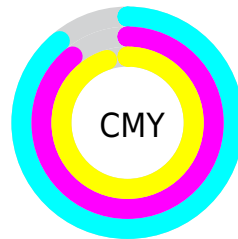


Cyan (4%)

Magenta (0%)

Yellow (57%)

Black (89%)



Cyan (89%)

Magenta (89%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 25.8770, 4.5400, -5.1880 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 25.8770, 4.5400, -5.1880 by changing the saturation by 10% instead.

■ 25.8770, 4.5400,
-5.1880

■ 25.8770, 4.5400,
-5.1880

■ 252.8340, 6.0990,
-5.9090

■ 0.0000, 0.0000,
0.0000

■ 68.8770, 4.5400,
-5.1880

■ 92.7630, 4.8610,
-5.4990

■ 117.3500, 4.5860,
-6.0220

■ 142.6490, 5.1820,
-5.8100

■ 169.5350, 5.5030,
-6.1210

■ 196.5350, 5.5030,

-6.1210

■ 224.4210, 5.8240,
-6.4320

■ 25.8770, 4.5400,
-5.1880

■ 25.8770, 4.5400,
-5.1880

■ 25.5350, 5.5030,
-6.1210

■ 26.2190, 3.5770,
-4.2550

■ 25.1930, 6.4660,
-7.0540

■ 26.5610, 2.6140,
-3.3220

■ 24.6660, 6.5120,
-7.8880

■ 27.0880, 2.5680,
-2.4880

■ 24.3240, 7.4750,
-8.8210

■ 27.4300, 1.6050,
-1.5550

■ 24.2100, 7.7960,
-9.1320

■ 27.7720, 0.6420,
-0.6220

■ 28.1140, -0.3210,
0.3110

■ 28.4560, -1.2840,
1.2440

■ 28.6840, -1.9260,
1.8660

■ 29.3250, -2.2930,
3.0110

Harmonies

Analogous

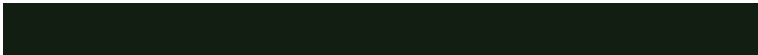
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



26.6820, 9.5830, -2.9690



25.8770, 4.5400, -5.1880



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.



25.8770, 4.5400, -5.1880



23.3230, -17.1470, -3.1230



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.



25.8770, 4.5400, -5.1880



14.1230, -4.5400, 5.1880

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.



27.6570, 2.7040, 6.0640



25.8770, 4.5400, -5.1880



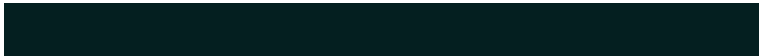
25.1820, -12.1960, 0.7640

Square

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



25.8770, 4.5400, -5.1880



23.0410, -16.4130, -5.4130



27.2970, -5.0900, 4.1420



27.3820, 10.7280, 3.8160

Rectangle

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



25.8770, 4.5400, -5.1880



24.0050, -7.5640, -6.0920



27.2970, -5.0900, 4.1420



27.8100, 6.6470, 6.1910

Sweetspot

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



25.8770, 4.5400, -5.1880



35.0170, 1.3300, -2.0780



17.3710, 9.2610, 2.8690



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.



25.8770, 4.5400, -5.1880



32.5520, 6.8330, -8.1990



23.4850, -0.2280, -6.8840



12.7720, 0.6420, -0.6220



66.7270, 21.7370, -25.0070



176.8570, 57.7360, -66.2000

Inverse Universe

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



14.1230, -4.5400, 5.1880



14.4480, -6.8330, 8.1990



16.5150, 0.2280, 6.8840



11.5270, -0.0460, 0.8340



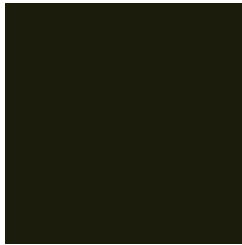
10.2730, -21.7370, 25.0070



27.1430, -57.7360, 66.2000

Previews

White Background



This preview shows how the YIQ color 25.8770, 4.5400, -5.1880 looks on a white background.

Color Contrast Check

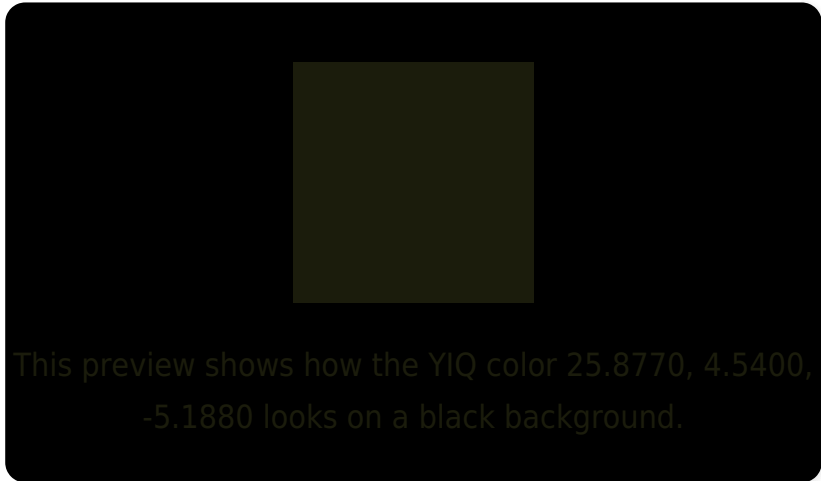
Large Text (above 18pt) WCAG AA ✓ Pass

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

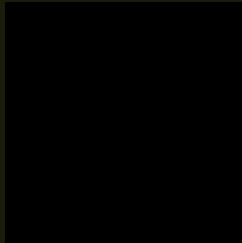
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 25.8770, 4.5400, -5.1880

Background



This preview shows how black text looks on a background with the YIQ color 25.8770, 4.5400, -5.1880.



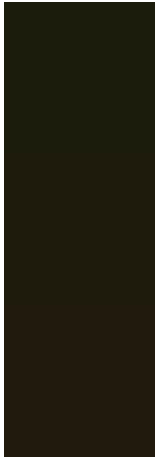
This preview shows how white text looks on a background with the YIQ color 25.8770, 4.5400,

-5.1880.

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

25.8770, 4.5400, -5.1880

Protanopia

26.1870, 6.6030, -4.0290

Deuteranopia

26.6110, 8.3450, -2.5590



Tritanopia

27.1250, 1.1460, 1.2580

Trichromacy



Original Color

25.8770, 4.5400, -5.1880

Protanomaly

25.8880, 6.0070, -4.2410

Deuteranomaly

26.6000, 6.8780, -3.5060

Tritanomaly

26.7290, 2.2010, -1.3430

Monochromacy



Original Color

25.8770, 4.5400, -5.1880

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 25.8770, 4.5400, -5.1880 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, 12)` looks like.

```
.text, #text, p{  
    color:rgb(27, 28, 12)  
}
```

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, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 28, 12) }
```

Border

The CSS property to change the border of an element to YIQ 25.8770, 4.5400, -5.1880 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, 12) }
```


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

```
.border{ border-color:rgb(27, 28, 12) }
```

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, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 28, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 28, 12);  
box-shadow:4px 4px 4px 4px rgb(27, 28, 12)  
}
```

Background

The CSS property to change the background color of an element to YIQ 25.8770, 4.5400, -5.1880 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, 12) }
```

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

```
.background{ background-color: rgb(27, 28,  
12) }
```

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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