

Converting Colors

YIQ(25.0800, -12.1490, -5.5970)

Have a look what the booklet for
YIQ(25.0800, -12.1490, -5.5970)
contains.

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Color

**YIQ(25.0800, -12.1490,
-5.5970)**

Conversions

Conversions Part 1

Format	Color
Hex	0A201D
RGB	10, 32, 29
RGB Percent	4%, 13%, 11%
CMY	0.9608, 0.8745, 0.8863
CMYK	0.69, 0.00, 0.09, 0.87
HSL	172°, 52%, 8%
HSV	172°, 69%, 13%
XYZ	0.8634, 1.1866, 1.3452
YIQ	25.0800, -12.1490, -5.5970

Conversions

Conversions Part 2

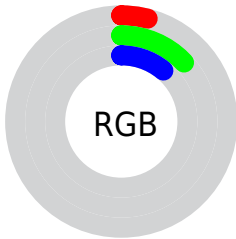
Format	Color
R_{YB}	10, 22, 32
Decimal	663581
CIE Lab	10.46, -9.72, -0.62
CIE LCh	10, 9.738, 183.634
Yxy	1.1866, 0.2543, 0.3495
Android (android.graphics.Color)	4278853661 (0xFF0A201D)
YUV	25.0800, 1.9326, -13.2252
Hunter-Lab	10.8932, -4.9152, 0.3036

Details

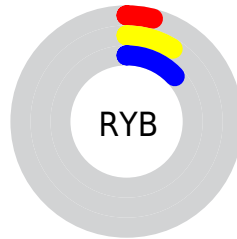
The YIQ color **25.0800, -12.1490, -5.5970** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **16.9200, 12.1490, 5.5970**, and the grayscale version is **25.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **68.6670, -12.4240, -6.1200**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **24.1830, -13.9370, -6.2330**, and if you desaturate by 10%, it is **25.9770, -10.3610, -4.9610**.

Distribution



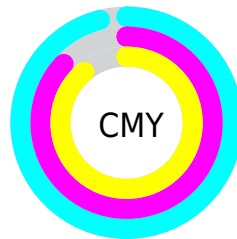
- Red (4%)
- Green (13%)
- Blue (11%)



- Red (4%)
- Yellow (9%)
- Blue (13%)



- Cyan (69%)
- Magenta (0%)
- Yellow (9%)
- Black (87%)



- Cyan (96%)
- Magenta (87%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 25.0800, -12.1490, -5.5970 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 25.0800, -12.1490, -5.5970 by changing the saturation by 10% instead.

■ 25.0800, -12.1490,
-5.5970

■ 25.0800, -12.1490,
-5.5970

■ 249.0200,
-11.9200, -4.2400

■ 2.1030, -1.7880,
-0.6360

■ 68.6670, -12.4240,
-6.1200

■ 0.0000, 0.0000,
0.0000

■ 92.3680, -13.0200,
-6.3320


■ 117.3680,
-13.0200, -6.3320


■ 143.0690,
-13.6160, -6.5440


■ 169.6560,
-13.8910, -7.0670


■ 196.6560,


-13.8910, -7.0670


 224.6560,
-13.8910, -7.0670


 25.0800, -12.1490,
-5.5970


 25.0800, -12.1490,
-5.5970


 24.1830, -13.9370,
-6.2330


 25.9770, -10.3610,
-4.9610


 23.1720, -15.4040,
-7.1800

 26.9880, -8.8940,
-4.0140

 21.9760, -17.7880,
-8.0280

 28.1840, -6.5100,
-3.1660

 29.1950, -5.0430,
-2.2190

 30.0920, -3.2550,
-1.5830

■ 31.1030, -1.7880,
-0.6360

■ 32.0000, -0.0000,
-0.0000

■ 33.3100, 2.0630,
1.1590

■ 34.2070, 3.8510,
1.7950

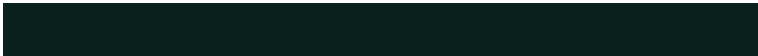
Harmonies

Analogous

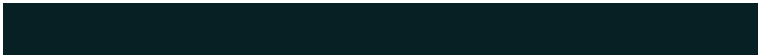
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



25.7880, -5.4550, -5.7670



25.0800, -12.1490, -5.5970



24.8670, -15.8630, -4.3670

Triad

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



25.0800, -12.1490, -5.5970



28.6780, -1.7890, 4.8910



28.4480, 10.3620, -0.5660

Complementary

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



25.0800, -12.1490, -5.5970



16.9200, 12.1490, 5.5970

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.



28.7410, 11.0950, 2.6710



25.0800, -12.1490, -5.5970



29.0270, 4.5380, 5.8660

Square

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



25.0800, -12.1490, -5.5970



27.9760, -8.6200, 2.0360



28.9520, 9.1230, 5.3710



27.6000, 6.8780, -3.5060

Rectangle

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



25.0800, -12.1490, -5.5970



25.3340, -15.6800, -2.1760



28.9520, 9.1230, 5.3710



28.3880, 10.5910, 0.7910

Sweetspot

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



25.0800, -12.1490, -5.5970



38.1950, -5.0430, -2.2190



23.8110, -4.2620, -10.8700



18.5050, -2.9800, -1.0600



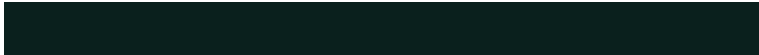
148.0000, -0.0000, 0.0000



20.0000, 0.0000, -0.0000

Same Dimension

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



25.0800, -12.1490, -5.5970



30.2640, -18.6590, -8.7630



20.7260, -10.9120, -0.4800



14.7010, -0.5960, -0.2120



54.1250, -43.5530, -20.1690



141.8010, -114.0630, -52.9030

Inverse Universe

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



16.9200, 12.1490, 5.5970



17.7360, 18.6590, 8.7630



21.2740, 10.9120, 0.4800



14.2990, 0.5960, 0.2120



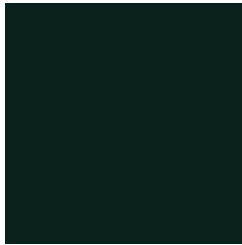
24.8750, 43.5530, 20.1690



65.0850, 114.3840, 52.5920

Previews

White Background



This preview shows how the YIQ color 25.0800, -12.1490, -5.5970 looks on a white background.

Color Contrast Check

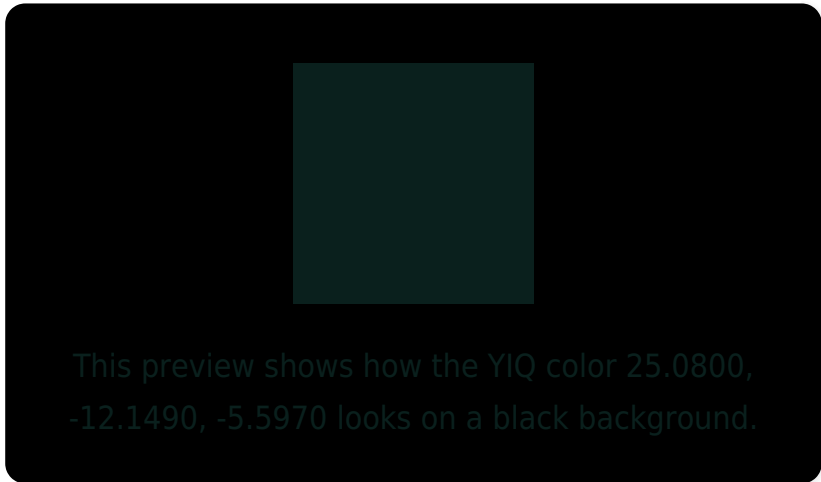
Large Text (above 18pt) WCAG AA ✓ Pass

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

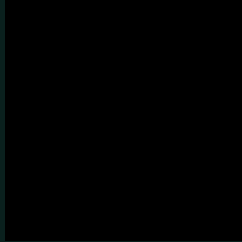
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 25.0800, -12.1490, -5.5970

Background



This preview shows how black text looks on a background with the YIQ color 25.0800, -12.1490, -5.5970.



This preview shows how white text looks on a background with the YIQ color 25.0800, -12.1490,

-5.5970.

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

25.0800, -12.1490, -5.5970

Protanopia

28.1850, 0.9170, -0.0990

Deuteranopia

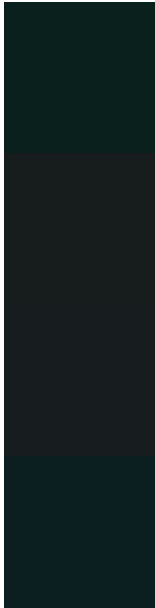
29.1250, 1.1460, 1.2580



Tritanopia

25.6610, -12.2870, -3.0950

Trichromacy



Original Color

25.0800, -12.1490, -5.5970

Protanomaly

26.7930, -3.8510, -1.7950

Deuteranomaly

27.3200, -3.8970, -0.9610

Tritanomaly

25.1340, -12.2410, -3.9290

Monochromacy



Original Color

25.0800, -12.1490, -5.5970

Achromatopsia

25.0000, -0.0000, -0.0000

Achromatomaly

25.3800, -4.1260, -2.3180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 25.0800, -12.1490, -5.5970 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(10, 32, 29)` looks like.

```
.text, #text, p{  
    color:rgb(10, 32, 29)  
}
```

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(10, 32, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 32, 29) }
```

Border

The CSS property to change the border of an element to YIQ 25.0800, -12.1490, -5.5970 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(10, 32, 29) }
```


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

```
.border{ border-color:rgb(10, 32, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 32, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 32, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 32, 29);  
box-shadow:4px 4px 4px 4px rgb(10, 32, 29)  
}
```

Background

The CSS property to change the background color of an element to YIQ 25.0800, -12.1490, -5.5970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 32, 29) }
```

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

```
.background{ background-color: rgb(10, 32,  
29) }
```

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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