

Converting Colors

YIQ(24.9300, -2.9790, -6.5870)

Have a look what the booklet for
YIQ(24.9300, -2.9790, -6.5870)
contains.

YIQ(24.9300, -2.9790, -6.5870)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(24.9300, -2.9790,
-6.5870)**

Conversions

Conversions Part 1

Format	Color
Hex	121E11
RGB	18, 30, 17
RGB Percent	7%, 12%, 7%
CMY	0.9294, 0.8823, 0.9333
CMYK	0.40, 0.00, 0.43, 0.88
HSL	115°, 28%, 9%
HSV	115°, 43%, 12%
XYZ	0.8149, 1.0978, 0.6992
YIQ	24.9300, -2.9790, -6.5870

Conversions

Conversions Part 2

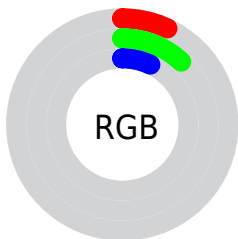
Format	Color
R_{YB}	17, 30, 29
Decimal	1187345
CIE _{Lab}	9.78, -8.78, 6.86
CIE _{LCh}	10, 11.143, 141.988
Yxy	1.0978, 0.3120, 0.4203
Android (android.graphics.Color)	4279377425 (0xFF121E11)
YUV	24.9300, -3.9095, -6.0776
Hunter-Lab	10.4775, -4.4533, 3.3774

Details

The YIQ color **24.9300, -2.9790, -6.5870** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **22.0700, 2.9790, 6.5870**, and the grayscale version is **25.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **68.1040, -3.5290, -7.6330**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **23.6910, -3.8040, -8.1560**, and if you desaturate by 10%, it is **26.1690, -2.1540, -5.0180**.

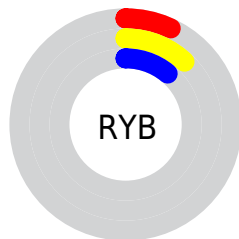
Distribution



Red (7%)

Green (12%)

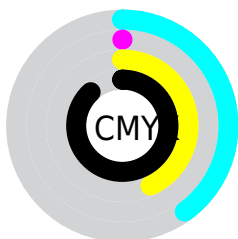
Blue (7%)



Red (7%)

Yellow (12%)

Blue (11%)

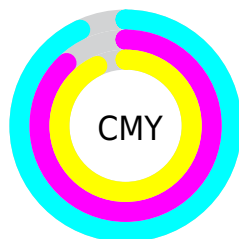


Cyan (40%)

Magenta (0%)

Yellow (43%)

Black (88%)



Cyan (93%)

Magenta (88%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 24.9300, -2.9790, -6.5870 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 24.9300, -2.9790, -6.5870 by changing the saturation by 10% instead.

■ 24.9300, -2.9790,
-6.5870

■ 24.9300, -2.9790,
-6.5870

■ 249.5170, -3.2540,
-7.1100

■ 0.0000, 0.0000,
0.0000

■ 68.1040, -3.5290,
-7.6330

■ 91.6910, -3.8040,
-8.1560

■ 116.1040, -3.5290,
-7.6330

■ 141.6910, -3.8040,
-8.1560

■ 168.2780, -4.0790,
-8.6790

■ 195.2780, -4.0790,

-8.6790

■ 223.1640, -3.7580,
-8.9900

■ 24.9300, -2.9790,
-6.5870

■ 24.9300, -2.9790,
-6.5870

■ 23.6910, -3.8040,
-8.1560

■ 26.1690, -2.1540,
-5.0180

■ 22.4520, -4.6290,
-9.7250

■ 27.4080, -1.3290,
-3.4490

■ 21.5120, -4.8580,
-11.0820

■ 28.3480, -1.1000,
-2.0920

■ 20.2730, -5.6830,
-12.6510

■ 29.5870, -0.2750,
-0.5230

■ 19.0340, -6.5080,
-14.2200

■ 30.8260, 0.5500,
1.0460

■ 18.2080, -7.0580,
-15.2660

■ 32.0650, 1.3750,
2.6150

■ 33.0050, 1.6040,
3.9720

■ 34.2440, 2.4290,
5.5410

■ 35.4830, 3.2540,
7.1100

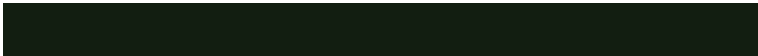
Harmonies

Analogous

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



25.6490, 5.1820, -5.8100



24.9300, -2.9790, -6.5870



23.4390, -11.7820, -6.7420

Triad

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



24.9300, -2.9790, -6.5870



25.1110, -13.4340, 1.1740



27.9800, 11.9200, 4.2400

Complementary

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



24.9300, -2.9790, -6.5870



22.0700, 2.9790, 6.5870

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.



27.5930, 8.7560, 6.5160



24.9300, -2.9790, -6.5870



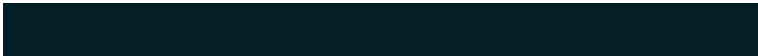
27.4110, -5.4110, 4.4530

Square

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



24.9300, -2.9790, -6.5870



22.9530, -18.9810, -2.9250



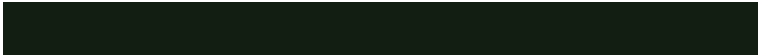
28.0700, 2.9790, 6.5870



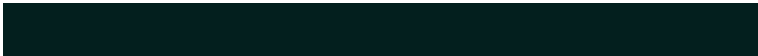
27.0570, 13.0210, 0.8050

Rectangle

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



24.9300, -2.9790, -6.5870



22.5140, -16.3670, -6.2470



28.0700, 2.9790, 6.5870



27.6210, 11.5530, 5.3850

Sweetspot

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



24.9300, -2.9790, -6.5870



36.2340, -0.7790, -2.4030



27.9310, 4.4480, -3.5200



18.7610, -0.8250, -1.5690



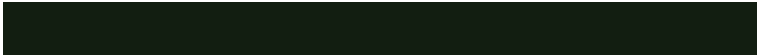
148.0000, -0.0000, 0.0000



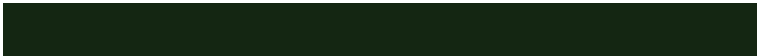
20.0000, 0.0000, -0.0000

Same Dimension

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



24.9300, -2.9790, -6.5870



30.3380, -4.3080, -10.0360



25.2010, -5.1800, -5.2440



14.5870, -0.2750, -0.5230



48.1670, -18.1490, -40.0450



126.2930, -47.3890, -104.8690

Inverse Universe

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



22.0700, 2.9790, 6.5870



25.9610, 4.9040, 10.2480



21.7990, 5.1800, 5.2440



14.4130, 0.2750, 0.5230



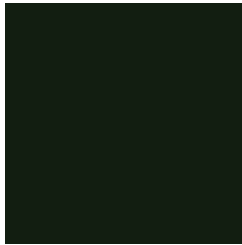
30.8330, 18.1490, 40.0450



80.7070, 47.3890, 104.8690

Previews

White Background



This preview shows how the YIQ color 24.9300, -2.9790, -6.5870 looks on a white background.

Color Contrast Check

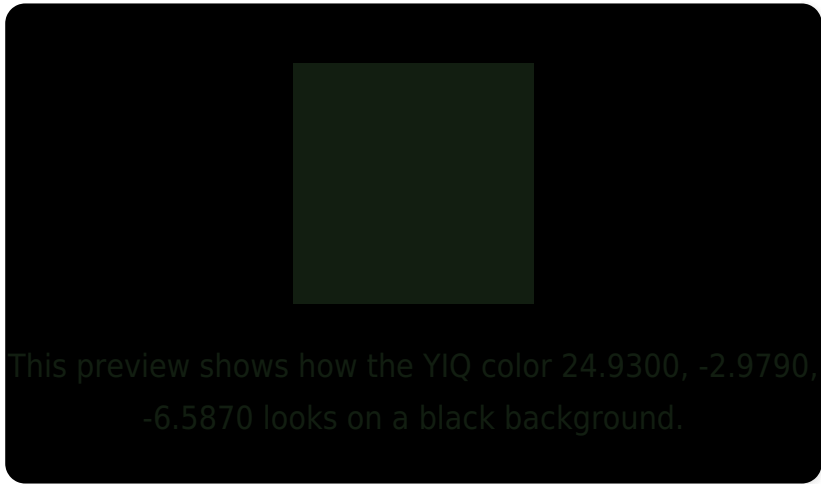
Large Text (above 18pt) WCAG AA ✓ Pass

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

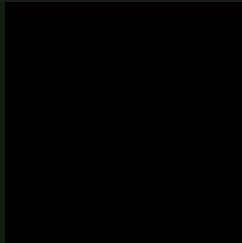
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 24.9300, -2.9790, -6.5870

Background



This preview shows how black text looks on a background with the YIQ color 24.9300, -2.9790, -6.5870.



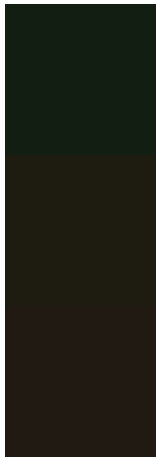
This preview shows how white text looks on a background with the YIQ color 24.9300, -2.9790, -6.5870.

-6.5870.

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

24.9300, -2.9790, -6.5870

Protanopia

26.6430, 5.3190, -2.7850

Deuteranopia

27.1810, 6.7400, -1.0040



Tritanopia

26.2490, -5.1350, -0.5510

Trichromacy



Original Color

24.9300, -2.9790, -6.5870

Protanomaly

26.0340, 2.6600, -4.1560

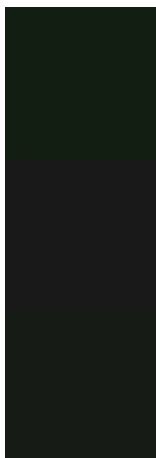
Deuteranomaly

26.2730, 3.4850, -2.5870

Tritanomaly

25.9670, -4.4010, -2.8410

Monochromacy



Original Color

24.9300, -2.9790, -6.5870

Achromatopsia

25.0000, -0.0000, -0.0000

Achromatomaly

24.9350, -1.3750, -2.6150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 24.9300, -2.9790, -6.5870 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(18, 30, 17)` looks like.

```
.text, #text, p{  
    color:rgb(18, 30, 17)  
}
```

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(18, 30, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 30, 17) }
```

Border

The CSS property to change the border of an element to YIQ 24.9300, -2.9790, -6.5870 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(18, 30, 17) }
```


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

```
.border{ border-color:rgb(18, 30, 17) }
```

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

Here you see how a box with a 4 pixel rgb(18, 30, 17) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 30, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 30, 17);  
box-shadow:4px 4px 4px 4px rgb(18, 30, 17)  
}
```

Background

The CSS property to change the background color of an element to YIQ 24.9300, -2.9790, -6.5870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 30, 17) }
```

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

```
.background{ background-color: rgb(18, 30,  
17) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor