

Converting Colors

YIQ(26.3510, -22.3770, 14.5750)

Have a look what the booklet for
YIQ(26.3510, -22.3770, 14.5750)
contains.

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Color

**YIQ(26.3510, -22.3770,
14.5750)**

Conversions

Conversions Part 1

Format	Color
Hex	0E174C
RGB	14, 23, 76
RGB Percent	5%, 9%, 30%
CMY	0.9451, 0.9098, 0.7021
CMYK	0.82, 0.70, 0.00, 0.70
HSL	231°, 69%, 18%
HSV	231°, 82%, 30%
XYZ	1.7910, 1.2277, 6.9740
YIQ	26.3510, -22.3770, 14.5750

Conversions

Conversions Part 2

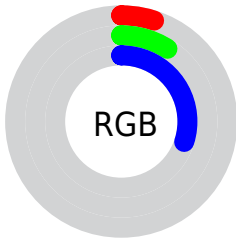
Format	Color
RYB	14, 22, 76
Decimal	923468
CIELab	10.76, 17.71, -33.88
CIELCh	11, 38.231, 297.591
Yxy	1.2277, 0.1792, 0.1229
Android (android.graphics.Color)	4279113548 (0xFF0E174C)
YUV	26.3510, 24.4770, -10.8318
Hunter-Lab	11.0801, 9.4626, -29.5623

Details

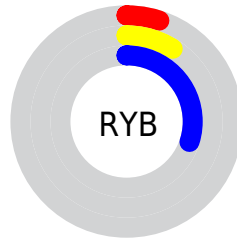
The YIQ color **26.3510, -22.3770, 14.5750** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **63.6490, 22.3770, -14.5750**, and the grayscale version is **26.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **73.4380, -18.0680, 19.0840**, and **4.7080, -10.5010, 8.5950** is the 20% darker color. If you saturate the color by 10%, you get **20.4370, -25.4950, 16.0170**, and if you desaturate by 10%, it is **32.2650, -19.2590, 13.1330**.

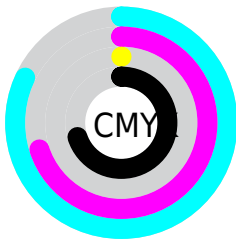
Distribution



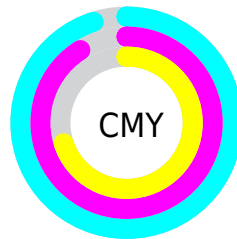
- Red (5%)
- Green (9%)
- Blue (30%)



- Red (5%)
- Yellow (9%)
- Blue (30%)



- Cyan (82%)
- Magenta (70%)
- Yellow (0%)
- Black (70%)



- Cyan (95%)
- Magenta (91%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 26.3510, -22.3770, 14.5750 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 26.3510, -22.3770, 14.5750 by changing the saturation by 10% instead.

■ 26.3510, -22.3770,
14.5750

■ 26.3510, -22.3770,
14.5750

■ 251.4780, 1.6500,
3.1380

■ 6.0420, -17.0130,
16.4830

■ 73.4380, -18.0680,
19.0840

■ 4.7080, -10.5010,
8.5950

■ 97.3780, -17.8390,
20.4410

■ 0.2280, -0.6420,
0.6220

■ 122.3180,
-17.6100, 21.7980

■ 0.0000, 0.0000,
0.0000

■ 148.7310,
-17.3350, 22.3210

■ 175.3720,
-17.7020, 23.4660

■ 201.8730,

-14.8590, 21.5010

■ 226.9800, -5.2750,
13.0050

■ 26.3510, -22.3770,
14.5750

■ 26.3510, -22.3770,
14.5750

■ 20.4370, -25.4950,
16.0170

■ 32.2650, -19.2590,
13.1330

■ 15.1210, -27.4210,
17.8830

■ 38.4670, -17.0120,
10.9560

■ 44.3810, -13.8940,
9.5140

■ 50.5830, -11.6470,
7.3370

■ 56.4970, -8.5290,
5.8950

■ 62.9980, -5.6860,
3.9300

■ 68.6130, -3.1640,
2.2760

■ 75.1140, -0.3210,
0.3110

■ 80.7290, 2.2010,
-1.3430

Harmonies

Analogous

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



28.7190, -35.3970, 8.2430



26.3510, -22.3770, 14.5750



25.3020, 14.8500, 28.2420

Triad

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



26.3510, -22.3770, 14.5750



25.5600, 30.7180, 4.9740



26.4440, -19.3460, -12.8340

Complementary

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



26.3510, -22.3770, 14.5750



63.6490, 22.3770, -14.5750

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.



22.3060, -10.4500, -19.8740



26.3510, -22.3770, 14.5750



27.5100, 15.8190, -5.8530

Square

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



26.3510, -22.3770, 14.5750



21.2290, 42.3160, 15.0520



23.5460, -2.1980, -15.2380



29.5220, -28.0130, -4.4370

Rectangle

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



26.3510, -22.3770, 14.5750



25.0060, 27.3670, 27.1670



23.5460, -2.1980, -15.2380



25.3040, -16.1360, -15.9440

Sweetspot

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



26.3510, -22.3770, 14.5750



80.3830, -8.2080, 5.5840



56.4360, -34.0630, -15.9430



38.8840, -5.3650, 3.6190



179.0000, -0.0000, -0.0000



51.0000, -0.0000, -0.0000

Same Dimension

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



26.3510, -22.3770, 14.5750



21.2760, -34.9870, 22.8450



27.6460, -6.7900, 23.9460



35.0430, -1.5590, 0.7210



20.4330, -36.8670, 23.8770



45.5910, -82.9050, 54.2710

Inverse Universe

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



33.5640, 34.0630, 15.9430



32.5990, 53.3180, 24.9180



62.3540, 6.7900, -23.9460



35.3100, 2.0630, 1.1590



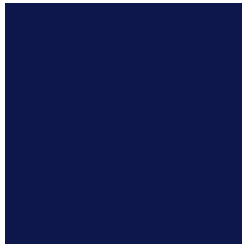
32.2080, 55.9770, 26.2890



72.5320, 126.4870, 59.0230

Previews

White Background



This preview shows how the YIQ color 26.3510, -22.3770, 14.5750 looks on a white background.

Color Contrast Check

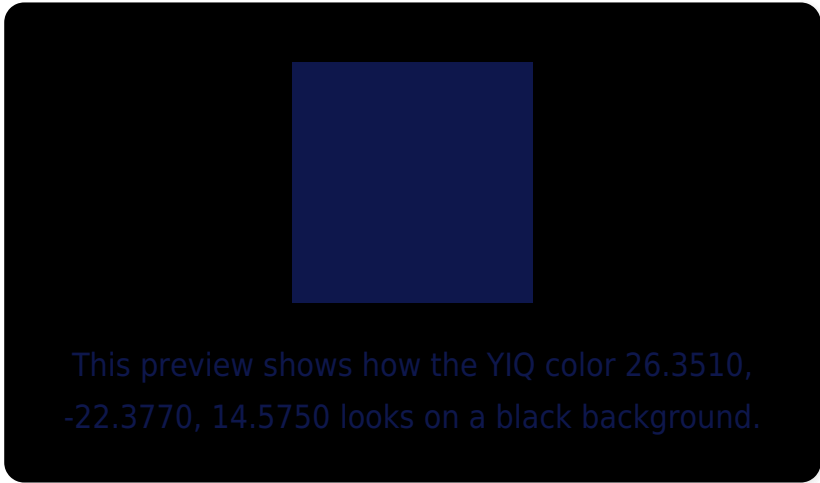
Large Text (above 18pt) WCAG AA ✓ Pass

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

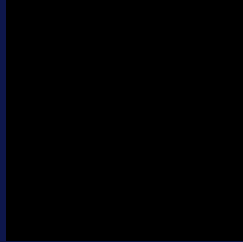
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 26.3510, -22.3770, 14.5750

Background



This preview shows how black text looks on a background with the YIQ color 26.3510, -22.3770, 14.5750.



This preview shows how white text looks on a background with the YIQ color 26.3510, -22.3770,

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

26.3510, -22.3770, 14.5750

Deuteranopia

24.1250, -25.2170, -0.0410

Tritanopia

23.3610, -20.3100, -6.3740

Trichromacy



Original Color

26.3510, -22.3770, 14.5750

Deuteranomaly

24.8850, -24.3010, 5.3870

Tritanomaly

24.2180, -21.0450, 1.4430

Monochromacy



Original Color

26.3510, -22.3770, 14.5750

Achromatopsia

26.0000, -0.0000, -0.0000

Achromatomaly

26.2690, -7.8870, 5.2730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 26.3510, -22.3770, 14.5750 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(14, 23, 76)` looks like.

```
.text, #text, p{  
    color:rgb(14, 23, 76)  
}
```

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(14, 23, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 23, 76) }
```

Border

The CSS property to change the border of an element to YIQ 26.3510, -22.3770, 14.5750 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(14, 23, 76) }
```

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

```
.border{ border-color:rgb(14, 23, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(14, 23, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 23, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 23, 76);  
box-shadow:4px 4px 4px 4px rgb(14, 23, 76)  
}
```


Background

The CSS property to change the background color of an element to YIQ 26.3510, -22.3770, 14.5750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 23, 76) }
```

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

```
.background{ background-color: rgb(14, 23,  
76) }
```

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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