

Converting Colors

YIQ(26.2690, -25.0820, 14.0380)

Have a look what the booklet for
YIQ(26.2690, -25.0820, 14.0380)
contains.

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Color

**YIQ(26.2690, -25.0820,
14.0380)**

Conversions

Conversions Part 1

Format	Color
Hex	0B184E
RGB	11, 24, 78
RGB Percent	4%, 9%, 31%
CMY	0.9568, 0.9059, 0.6943
CMYK	0.86, 0.69, 0.00, 0.69
HSL	228°, 75%, 17%
HSV	228°, 86%, 31%
XYZ	1.8386, 1.2742, 7.3500
YIQ	26.2690, -25.0820, 14.0380

Conversions

Conversions Part 2

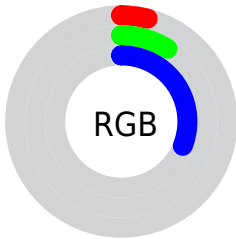
Format	Color
R_{YB}	11, 22, 78
Decimal	727118
CIE _{Lab}	11.09, 17.44, -34.72
CIE _{LCh}	11, 38.853, 296.667
Yxy	1.2742, 0.1757, 0.1218
Android (android.graphics.Color)	4278917198 (0xFF0B184E)
YUV	26.2690, 25.5034, -13.3909
Hunter-Lab	11.2880, 9.3206, -30.7040

Details

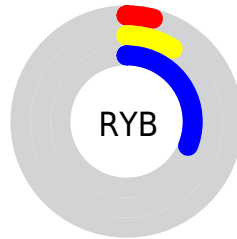
The YIQ color $[26.2690, -25.0820, 14.0380]$ is a dark color, and the websafe version is hex 000033 . A complement of this color would be $[62.7310, 25.0820, -14.0380]$, and the grayscale version is $[26.0000, -0.0000, -0.0000]$.

A 20% lighter version of the original color is $[73.9540, -19.5810, 18.9710]$, and $[4.9360, -11.1430, 9.2170]$ is the 20% darker color. If you saturate the color by 10%, you get $[20.3550, -28.2000, 15.4800]$, and if you desaturate by 10%, it is $[32.1830, -21.9640, 12.5960]$.

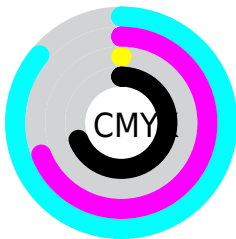
Distribution



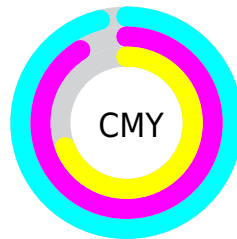
- Red (4%)
- Green (9%)
- Blue (31%)



- Red (4%)
- Yellow (9%)
- Blue (31%)



- Cyan (86%)
- Magenta (69%)
- Yellow (0%)
- Black (69%)



- Cyan (96%)
- Magenta (91%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 26.2690, -25.0820, 14.0380 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 26.2690, -25.0820, 14.0380 by changing the saturation by 10% instead.

■ 26.2690, -25.0820,
14.0380

■ 26.2690, -25.0820,
14.0380

■ 252.0650, 1.3750,
2.6150

■ 6.2700, -17.6550,
17.1050

■ 73.9540, -19.5810,
18.9710

■ 4.9360, -11.1430,
9.2170

■ 97.8940, -19.3520,
20.3280

■ 0.5700, -1.6050,
1.5550

■ 122.8340,
-19.1230, 21.6850

■ 0.0000, 0.0000,
0.0000

■ 149.3610,
-19.1690, 22.5190

■ 175.8880,
-19.2150, 23.3530

■ 202.1610,

-15.7300, 20.7660

■ 227.2680, -6.1460,
12.2700

■ 26.2690, -25.0820,
14.0380

■ 26.2690, -25.0820,
14.0380

■ 20.3550, -28.2000,
15.4800

■ 32.1830, -21.9640,
12.5960

■ 17.6970, -29.1630,
16.4130

■ 38.6840, -19.1210,
10.6310

■ 44.2990, -16.5990,
8.9770

■ 50.2130, -13.4810,
7.5350

■ 56.1270, -10.3630,
6.0930

■ 62.6280, -7.5200,
4.1280

■ 68.5420, -4.4020,
2.6860

■ 74.1570, -1.8800,
1.0320

■ 80.6580, 0.9630,
-0.9330

Harmonies

Analogous

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



29.5340, -36.3140, 8.3420



26.2690, -25.0820, 14.0380



26.1170, 13.9330, 28.3410

Triad

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



26.2690, -25.0820, 14.0380



26.1580, 31.9100, 5.3980



27.0310, -19.6210, -13.3570

Complementary

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



26.2690, -25.0820, 14.0380



62.7310, 25.0820, -14.0380

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.



22.8930, -10.7250, -20.3970



26.2690, -25.0820, 14.0380



28.6950, 16.7360, -5.9520

Square

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



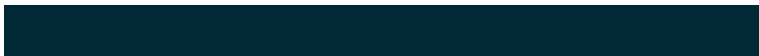
26.2690, -25.0820, 14.0380



21.5280, 42.9120, 15.2640



24.7310, -1.2810, -15.3370



30.1090, -28.2880, -4.9600

Rectangle

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



26.2690, -25.0820, 14.0380



25.5330, 27.3210, 28.0010



24.7310, -1.2810, -15.3370



25.8910, -16.4110, -16.4670

Sweetspot

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



26.2690, -25.0820, 14.0380



81.6000, -10.3170, 5.2590



56.4850, -35.7590, -18.2470



38.5850, -5.9610, 3.4070



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.



26.2690, -25.0820, 14.0380



23.3680, -38.2420, 21.2620



24.6180, -9.5870, 25.0770



35.0430, -1.5590, 0.7210



52.6350, -86.2050, 47.9950

Inverse Universe

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



32.5150, 35.7590, 18.2470



32.7780, 54.3720, 27.8440



64.3820, 9.5870, -25.0770



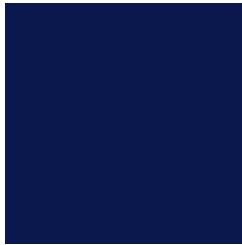
35.3100, 2.0630, 1.1590



73.9000, 122.6350, 62.7550

Previews

White Background



This preview shows how the YIQ color 26.2690, -25.0820, 14.0380 looks on a white background.

Color Contrast Check

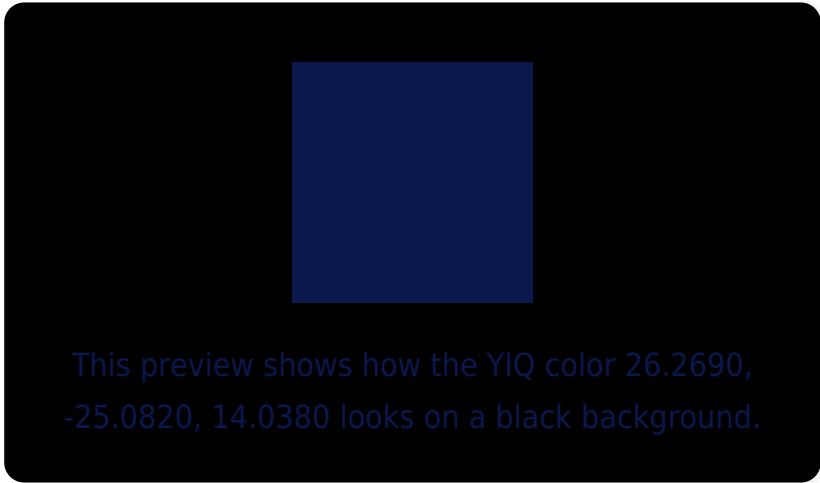
Large Text (above 18pt) WCAG AA ✓ Pass

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

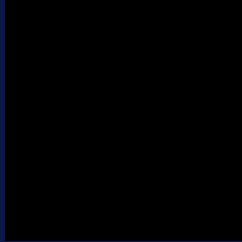
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 26.2690, -25.0820, 14.0380

Background



This preview shows how black text looks on a background with the YIQ color 26.2690, -25.0820, 14.0380.



This preview shows how white text looks on a background with the YIQ color 26.2690, -25.0820,

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

26.2690, -25.0820, 14.0380

Protanopia

24.6780, -28.1520, 3.5920

Deuteranopia

24.8260, -25.8130, -0.2530



Tritanopia

24.0620, -20.9060, -6.5860

Trichromacy



Original Color

26.2690, -25.0820, 14.0380

Protanomaly

25.3840, -27.1440, 7.3520

Deuteranomaly

25.2870, -25.4930, 4.9630

Tritanomaly

24.6200, -22.2370, 1.0190

Monochromacy



Original Color

26.2690, -25.0820, 14.0380

Achromatopsia

26.0000, -0.0000, -0.0000

Achromatomaly

26.0840, -8.8040, 5.3720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 26.2690, -25.0820, 14.0380 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(11, 24, 78)` looks like.

```
.text, #text, p{  
    color:rgb(11, 24, 78)  
}
```

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(11, 24, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 24, 78) }
```

Border

The CSS property to change the border of an element to YIQ 26.2690, -25.0820, 14.0380 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(11, 24, 78) }
```

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

```
.border{ border-color:rgb(11, 24, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(11, 24, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 24, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 24, 78);  
box-shadow:4px 4px 4px 4px rgb(11, 24, 78)  
}
```

Background

The CSS property to change the background color of an element to YIQ 26.2690, -25.0820, 14.0380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 24, 78) }
```

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

```
.background{ background-color: rgb(11, 24,  
78) }
```

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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