

Converting Colors

YIQ(26.0130, -8.9010, 34.6750)

Have a look what the booklet for
YIQ(26.0130, -8.9010, 34.6750)
contains.

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Color

**YIQ(26.0130, -8.9010,
34.6750)**

Conversions

Conversions Part 1

Format	Color
Hex	27065F
RGB	39, 6, 95
RGB Percent	15%, 2%, 37%
CMY	0.8469, 0.9765, 0.6276
CMYK	0.59, 0.94, 0.00, 0.63
HSL	262°, 88%, 20%
HSV	262°, 94%, 37%
XYZ	2.9673, 1.3877, 10.9316
YIQ	26.0130, -8.9010, 34.6750

Conversions

Conversions Part 2

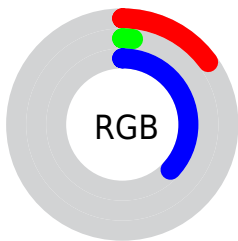
Format	Color
R_{YB}	39, 6, 95
Decimal	2557535
CIE _{Lab}	11.88, 37.29, -44.89
CIE _{LCh}	12, 58.358, 309.711
Yxy	1.3877, 0.1941, 0.0908
Android (android.graphics.Color)	4280747615 (0xFF27065F)
YUV	26.0130, 34.0106, 11.3896
Hunter-Lab	11.7800, 24.3480, -46.7736

Details

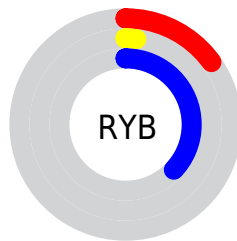
The YIQ color **26.0130, -8.9010, 34.6750** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **74.9870, 8.9010, -34.6750**, and the grayscale version is **26.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **75.9640, -7.2050, 36.9790**, and **6.5320, -15.6370, 13.5710** is the 20% darker color. If you saturate the color by 10%, you get **21.2950, -9.6350, 36.9650**, and if you desaturate by 10%, it is **33.0900, -7.8000, 31.2400**.

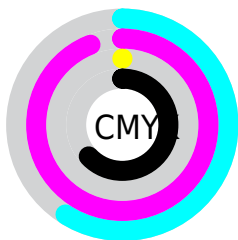
Distribution



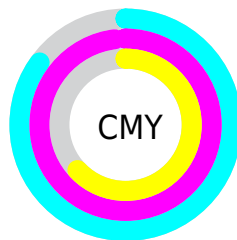
- Red (15%)
- Green (2%)
- Blue (37%)



- Red (15%)
- Yellow (2%)
- Blue (37%)



- Cyan (59%)
- Magenta (94%)
- Yellow (0%)
- Black (63%)



- Cyan (85%)
- Magenta (98%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 26.0130, -8.9010, 34.6750 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 26.0130, -8.9010, 34.6750 by changing the saturation by 10% instead.

■ 26.0130, -8.9010,
34.6750

■ 26.0130, -8.9010,
34.6750

■ 245.6080, 4.4000,
8.3680

■ 11.9810, -15.0430,
24.8370

■ 75.8500, -6.8840,
36.6680

■ 6.5320, -15.6370,
13.5710

■ 101.0890, -6.0590,
38.2370

■ 3.5510, -8.6210,
7.5630

■ 127.0290, -5.8300,
39.5940


■ 0.0000, 0.0000,
0.0000


■ 153.9690, -5.6010,
40.9510


■ 180.4530, -4.0880,
41.0640


■ 204.9730, 5.7710,


33.0910


 228.5850, 12.3750,
23.5350


 26.0130, -8.9010,
34.6750


 26.0130, -8.9010,
34.6750


 21.2950, -9.6350,
36.9650

 33.0900, -7.8000,
31.2400

 40.7540, -6.9740,
27.2820

 47.8310, -5.8730,
23.8470

 55.4950, -5.0470,
19.8890

 62.5720, -3.9460,
16.4540

■ 70.2360, -3.1200,
12.4960

■ 77.3130, -2.0190,
9.0610

■ 84.9770, -1.1930,
5.1030

■ 92.0540, -0.0920,
1.6680

Harmonies

Analogous

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



33.5410, -46.2190, 17.1490



26.0130, -8.9010, 34.6750



31.9560, 30.8040, 36.4680

Triad

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



26.0130, -8.9010, 34.6750



28.2180, 31.6810, 4.0410



32.0180, -26.7740, -10.3740

Complementary

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



26.0130, -8.9010, 34.6750



74.9870, 8.9010, -34.6750

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.



26.4150, -12.3750, -23.5350



26.0130, -8.9010, 34.6750



28.3300, 7.3380, -11.8460

Square

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



26.0130, -8.9010, 34.6750



25.1160, 50.0640, 17.8080



24.6540, -11.5500, -21.9660



37.0510, -39.5680, 1.2320

Rectangle

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



26.0130, -8.9010, 34.6750



31.9820, 45.1100, 30.5020



24.6540, -11.5500, -21.9660



29.8350, -22.0050, -14.2050

Sweetspot

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



26.0130, -8.9010, 34.6750



95.7630, -3.1660, 13.3300



49.0180, -43.9690, -1.6090



44.7860, -1.9730, 8.2270



189.0000, -0.0000, -0.0000



61.0000, 0.0000, -0.0000

Same Dimension

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



26.0130, -8.9010, 34.6750



27.3630, -12.3420, 47.4820



39.1690, 17.3230, 44.0030



44.7550, -0.6880, 1.4560



25.3260, -10.9200, 43.7360



53.9710, -23.9960, 93.5080

Inverse Universe

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



38.9950, 35.0680, 36.2840



45.2560, 47.9950, 49.8110



61.8310, -17.3230, -44.0030



45.5380, 1.4210, 1.7810



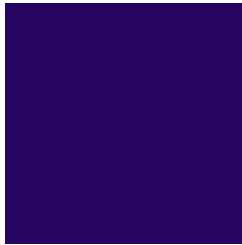
41.5820, 43.9610, 45.8250



88.9740, 94.5690, 97.8410

Previews

White Background



This preview shows how the YIQ color 26.0130, -8.9010, 34.6750 looks on a white background.

Color Contrast Check

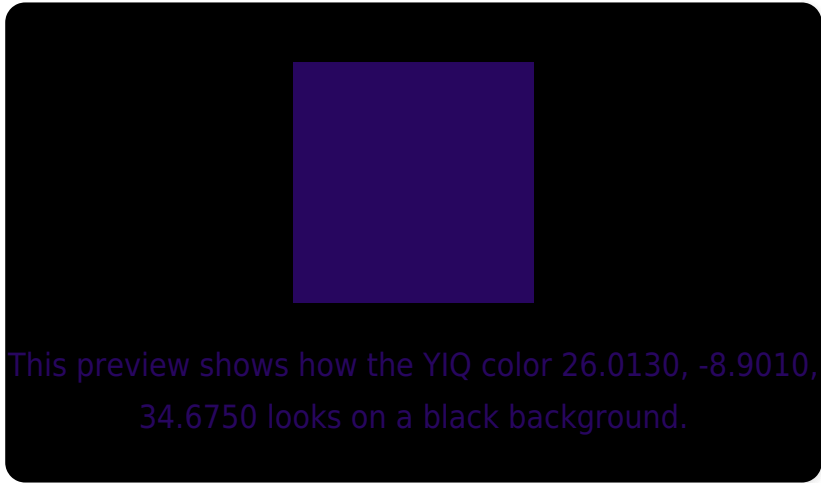
Large Text (above 18pt) WCAG AA ✓ Pass

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

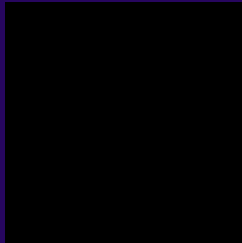
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 26.0130, -8.9010, 34.6750

Background



This preview shows how black text looks on a background with the YIQ color 26.0130, -8.9010, 34.6750.



This preview shows how white text looks on a background with the YIQ color 26.0130, -8.9010,

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

26.0130, -8.9010, 34.6750

Protanopia

27.2370, -31.2240, 4.2000

Deuteranopia

27.2710, -28.5640, 0.0440



Tritanopia

30.7640, -14.0750, -3.7310

Trichromacy



Original Color

26.0130, -8.9010, 34.6750

Protanomaly

26.5790, -23.0190, 15.1970

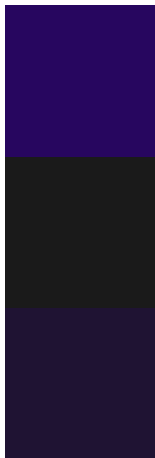
Deuteranomaly

26.4820, -21.3680, 12.8080

Tritanomaly

29.2780, -12.1060, 10.1500

Monochromacy



Original Color

26.0130, -8.9010, 34.6750

Achromatopsia

26.0000, -0.0000, -0.0000

Achromatomaly

26.2360, -3.1200, 12.4960

CSS Examples

Text

The CSS property to change the color of the text to YIQ 26.0130, -8.9010, 34.6750 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(39, 6, 95)` looks like.

```
.text, #text, p{  
    color:rgb(39, 6, 95)  
}
```

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(39, 6, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 6, 95) }
```

Border

The CSS property to change the border of an element to YIQ 26.0130, -8.9010, 34.6750 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(39, 6, 95) }
```


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

```
.border{ border-color:rgb(39, 6, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 6, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 6, 95); -webkit-box-shadow:4px  
4px 4px 4px rgb(39, 6, 95); box-shadow:4px  
4px 4px 4px rgb(39, 6, 95) }
```

Background

The CSS property to change the background color of an element to YIQ 26.0130, -8.9010, 34.6750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 6, 95) }
```

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

```
.background{ background-color: rgb(39, 6,  
95) }
```

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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