

Converting Colors

YIQ(26.5890, -2.6160, 14.3760)

Have a look what the booklet for
YIQ(26.5890, -2.6160, 14.3760)
contains.

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Color

**YIQ(26.5890, -2.6160,
14.3760)**

Conversions

Conversions Part 1

Format	Color
Hex	211236
RGB	33, 18, 54
RGB Percent	13%, 7%, 21%
CMY	0.8705, 0.9294, 0.7883
CMYK	0.39, 0.67, 0.00, 0.79
HSL	265°, 50%, 14%
HSV	265°, 67%, 21%
XYZ	1.5095, 1.0222, 3.6066
YIQ	26.5890, -2.6160, 14.3760

Conversions

Conversions Part 2

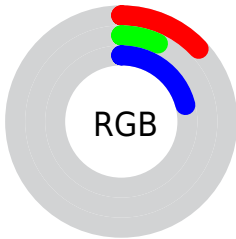
Format	Color
R_YB	33, 18, 54
Decimal	2167350
CIE Lab	9.18, 17.17, -20.82
CIE LCh	9, 26.988, 309.499
Yxy	1.0222, 0.2459, 0.1665
Android (android.graphics.Color)	4280357430 (0xFF211236)
YUV	26.5890, 13.5136, 5.6224
Hunter-Lab	10.1106, 8.9564, -14.0721

Details

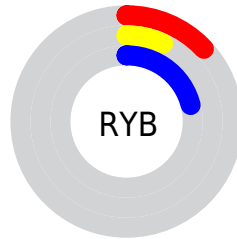
The YIQ color **26.5890, -2.6160, 14.3760** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **45.4110, 2.6160, -14.3760**, and the grayscale version is **26.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **70.9420, -2.1120, 16.2560**, and **0.5700, -1.6050, 1.5550** is the 20% darker color. If you saturate the color by 10%, you get **22.7570, -3.0290, 16.3550**, and if you desaturate by 10%, it is **30.4210, -2.2030, 12.3970**.

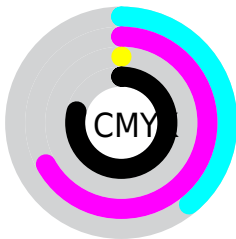
Distribution



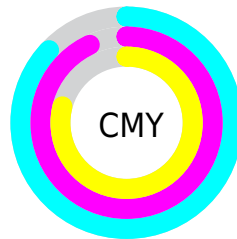
- Red (13%)
- Green (7%)
- Blue (21%)



- Red (13%)
- Yellow (7%)
- Blue (21%)



- Cyan (39%)
- Magenta (67%)
- Yellow (0%)
- Black (79%)



- Cyan (87%)
- Magenta (93%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 26.5890, -2.6160, 14.3760 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 26.5890, -2.6160, 14.3760 by changing the saturation by 10% instead.

■ 26.5890, -2.6160,
14.3760

■ 26.5890, -2.6160,
14.3760

■ 247.9560, 3.3000,
6.2760

■ 7.3500, -3.4410,
12.8070

■ 70.9420, -2.1120,
16.2560

■ 0.5700, -1.6050,
1.5550

■ 94.7680, -1.5620,
17.3020

■ 0.0000, 0.0000,
0.0000

■ 119.2950, -1.6080,
18.1360

■ 145.4090, -1.9290,
18.4470

■ 171.9360, -1.9750,
19.2810

■ 199.3490, -1.7000,

19.8040

■ 226.7360, 1.4640,
17.5280

■ 26.5890, -2.6160,
14.3760

■ 26.5890, -2.6160,
14.3760

■ 22.7570, -3.0290,
16.3550

■ 30.4210, -2.2030,
12.3970

■ 18.3380, -3.1670,
18.8570

■ 34.8400, -2.0650,
9.8950

■ 14.5060, -3.5800,
20.8360

■ 38.6720, -1.6520,
7.9160

■ 13.0330, -3.6260,
21.6700

■ 43.3900, -0.9180,
5.6260

■ 47.2220, -0.5050,
3.6470

■ 51.0540, -0.0920,
1.6680

■ 55.4730, 0.0460,
-0.8340

■ 59.3050, 0.4590,
-2.8130

■ 63.7240, 0.5970,
-5.3150

Harmonies

Analogous

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



22.3300, -27.0520, 5.6840



26.5890, -2.6160, 14.3760



24.3910, 15.6770, 18.7570

Triad

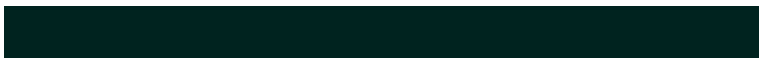
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



26.5890, -2.6160, 14.3760



24.8960, 20.7240, -1.1320



24.0790, -19.5760, -8.6640

Complementary

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



26.5890, -2.6160, 14.3760



45.4110, 2.6160, -14.3760

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.



20.9840, -12.2390, -14.9830



26.5890, -2.6160, 14.3760



24.5200, 9.8590, -7.9730

Square

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



26.5890, -2.6160, 14.3760



22.9020, 29.7550, 5.9070



20.2900, -4.3530, -14.7290



25.5440, -25.0790, -2.5430

Rectangle

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



26.5890, -2.6160, 14.3760



22.1700, 23.6090, 18.1770



20.2900, -4.3530, -14.7290



23.3950, -17.6500, -10.5300

Sweetspot

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



26.5890, -2.6160, 14.3760



60.3900, -0.9180, 5.6260



34.4310, -17.3310, 0.2130



29.2220, -0.5050, 3.6470



163.0000, -0.0000, -0.0000



36.0000, -0.0000, 0.0000

Same Dimension

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



26.5890, -2.6160, 14.3760



27.6740, -3.9930, 22.8150



31.9710, 8.1120, 18.1920



25.6410, -0.3670, 1.1450



21.8500, -6.8840, 36.6680



52.4740, -15.4670, 87.6130

Inverse Universe

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



31.1580, 14.7150, 14.1630



34.9190, 23.0580, 22.6580



40.0290, -8.1120, -18.1920



26.1250, 1.1460, 1.2580



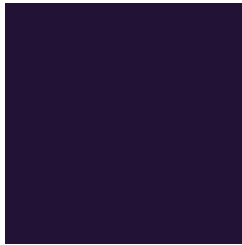
33.5500, 37.8190, 35.9870



80.0730, 89.4360, 86.2360

Previews

White Background



This preview shows how the YIQ color 26.5890, -2.6160, 14.3760 looks on a white background.

Color Contrast Check

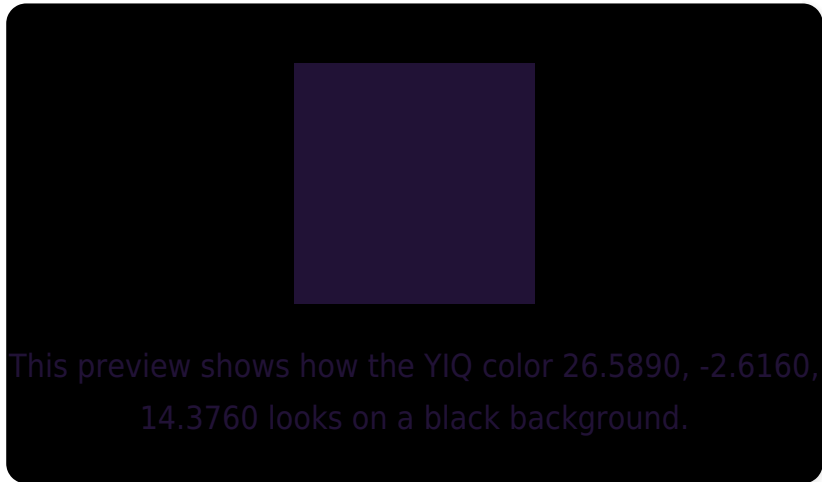
Large Text (above 18pt) WCAG AA ✓ Pass

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

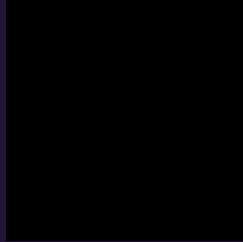
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 26.5890, -2.6160, 14.3760

Background



This preview shows how black text looks on a background with the YIQ color 26.5890, -2.6160, 14.3760.



This preview shows how white text looks on a background with the YIQ color 26.5890, -2.6160,

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

26.5890, -2.6160, 14.3760

Protanopia

21.4180, -24.4840, 3.1960

Deuteranopia

21.2070, -22.5120, 0.4960



Tritanopia

26.5270, -0.0460, 0.8340

Trichromacy



Original Color

26.5890, -2.6160, 14.3760

Protanomaly

23.2450, -16.5070, 7.3090

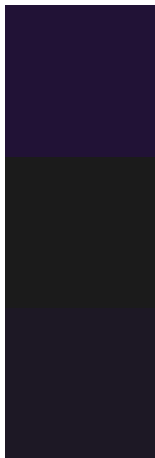
Deuteranomaly

23.3760, -15.4980, 5.5420

Tritanomaly

26.3900, -0.9180, 5.6260

Monochromacy



Original Color

26.5890, -2.6160, 14.3760

Achromatopsia

27.0000, -0.0000, 0.0000

Achromatomaly

26.9770, -1.1930, 5.1030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 26.5890, -2.6160, 14.3760 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(33, 18, 54)` looks like.

```
.text, #text, p{  
    color:rgb(33, 18, 54)  
}
```

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(33, 18, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 18, 54) }
```

Border

The CSS property to change the border of an element to YIQ 26.5890, -2.6160, 14.3760 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(33, 18, 54) }
```


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

```
.border{ border-color:rgb(33, 18, 54) }
```

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

Here you see how a box with a 4 pixel rgb(33, 18, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 18, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 18, 54);  
box-shadow:4px 4px 4px 4px rgb(33, 18, 54)  
}
```

Background

The CSS property to change the background color of an element to YIQ 26.5890, -2.6160, 14.3760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 18, 54) }
```

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

```
.background{ background-color: rgb(33, 18,  
54) }
```

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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