

Converting Colors

YIQ(26.5650, 5.9590, 7.6470)

Have a look what the booklet for
YIQ(26.5650, 5.9590, 7.6470)
contains.

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Color

YIQ(26.5650, 5.9590, 7.6470)

Conversions

Conversions Part 1

Format	Color
Hex	251421
RGB	37, 20, 33
RGB Percent	15%, 8%, 13%
CMY	0.8549, 0.9216, 0.8706
CMYK	0.00, 0.46, 0.11, 0.85
HSL	314°, 30%, 11%
HSV	314°, 46%, 15%
XYZ	1.2880, 1.0034, 1.5649
YIQ	26.5650, 5.9590, 7.6470

Conversions

Conversions Part 2

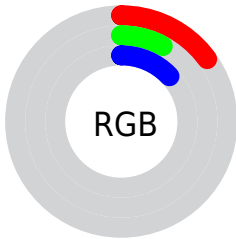
Format	Color
R_{YB}	37, 20, 33
Decimal	2429985
CIE Lab	9.02, 11.36, -5.49
CIE LCh	9, 12.617, 334.213
Yxy	1.0034, 0.3340, 0.2602
Android (android.graphics.Color)	4280620065 (0xFF251421)
YUV	26.5650, 3.1725, 9.1515
Hunter-Lab	10.0171, 5.4212, -2.2504

Details

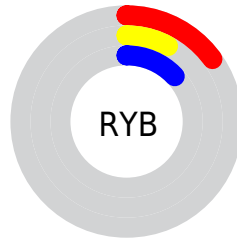
The YIQ color **26.5650, 5.9590, 7.6470** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **30.4350, -5.9590, -7.6470**, and the grayscale version is **27.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **70.2770, 6.8300, 8.3820**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **24.1030, 7.3800, 9.4280**, and if you desaturate by 10%, it is **29.0270, 4.5380, 5.8660**.

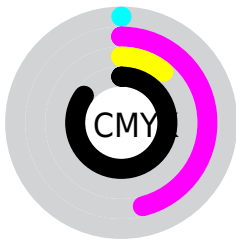
Distribution



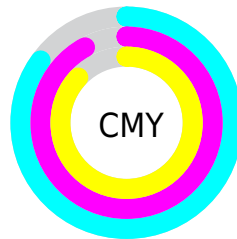
- Red (15%)
- Green (8%)
- Blue (13%)



- Red (15%)
- Yellow (8%)
- Blue (13%)



- Cyan (0%)
- Magenta (46%)
- Yellow (11%)
- Black (85%)



- Cyan (85%)
- Magenta (92%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 26.5650, 5.9590, 7.6470 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 26.5650, 5.9590, 7.6470 by changing the saturation by 10% instead.

■ 26.5650, 5.9590,
7.6470

■ 26.5650, 5.9590,
7.6470

■ 249.1300, 2.7500,
5.2300

■ 5.3260, 5.1340,
6.0780

■ 70.2770, 6.8300,
8.3820

■ 0.0000, 0.0000,
0.0000

■ 93.9890, 7.7010,
9.1170


■ 118.4020, 7.9760,
9.6400


■ 144.4020, 7.9760,
9.6400


■ 170.8150, 8.2510,
10.1630


■ 198.1140, 8.8470,


10.3750


 226.1140, 8.8470,
10.3750


 26.5650, 5.9590,
7.6470


 26.5650, 5.9590,
7.6470

 24.1030, 7.3800,
9.4280


 29.0270, 4.5380,
5.8660


 22.2280, 8.5260,
10.6860


 30.9020, 3.3920,
4.6080


 19.7660, 9.9470,
12.4670

 33.3640, 1.9710,
2.8270

 17.4180, 11.0470,
14.5590

 35.7120, 0.8710,
0.7350

 14.9560, 12.4680,
16.3400

 38.1740, -0.5500,
-1.0460

■ 14.2550, 13.0640,
16.5520

■ 40.0490, -1.6960,
-2.3040

■ 42.5110, -3.1170,
-4.0850

■ 44.9730, -4.5380,
-5.8660

■ 46.8480, -5.6840,
-7.1240

Harmonies

Analogous

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



26.3190, -2.1560, 6.0360



26.5650, 5.9590, 7.6470



26.2620, 11.1860, 6.5300

Triad

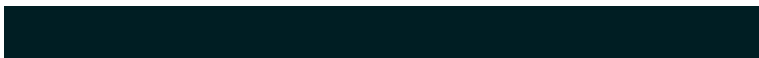
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



26.5650, 5.9590, 7.6470



24.1720, 10.9590, -5.8810



21.6000, -19.4850, -4.8050

Complementary

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



26.5650, 5.9590, 7.6470



30.4350, -5.9590, -7.6470

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.



20.5740, -16.5960, -7.6040



26.5650, 5.9590, 7.6470



23.8120, 3.1650, -7.8030

Square

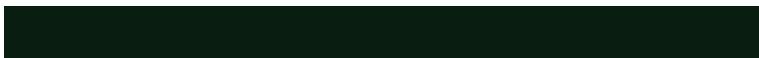
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



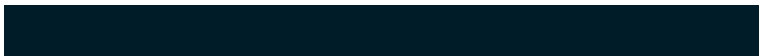
26.5650, 5.9590, 7.6470



24.8460, 14.9930, -1.8950



21.6520, -8.0680, -7.9720



20.9960, -20.5400, -2.2040

Rectangle

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



26.5650, 5.9590, 7.6470



25.8770, 13.7080, 4.8760



21.6520, -8.0680, -7.9720



21.2580, -18.5220, -5.7380

Sweetspot

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



26.5650, 5.9590, 7.6470



44.3640, 1.9710, 2.8270



23.1340, -3.0730, 6.1350



22.8370, 2.0170, 1.9930



153.0000, 0.0000, -0.0000



26.0000, -0.0000, -0.0000

Same Dimension

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



26.5650, 5.9590, 7.6470



32.0540, 9.0760, 11.7320



25.6530, 8.5270, 5.1590



16.7120, 0.8710, 0.7350



31.5860, 28.9700, 36.6660



80.7310, 73.2040, 94.0680

Inverse Universe

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



26.5650, 5.9590, 7.6470



32.0540, 9.0760, 11.7320



31.3470, -8.5270, -5.1590



16.7120, 0.8710, 0.7350



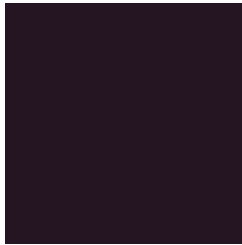
31.5860, 28.9700, 36.6660



80.7310, 73.2040, 94.0680

Previews

White Background



This preview shows how the YIQ color 26.5650, 5.9590, 7.6470 looks on a white background.

Color Contrast Check

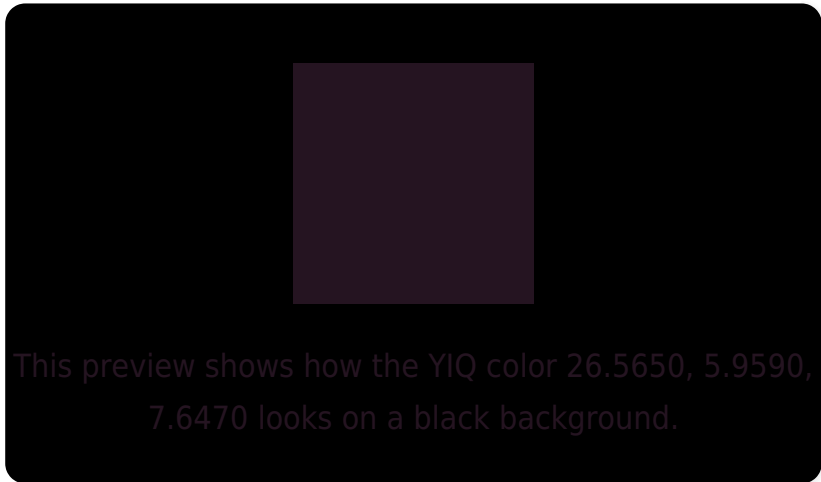
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.5650, 5.9590, 7.6470

Background



This preview shows how black text looks on a background with the YIQ color 26.5650, 5.9590, 7.6470.

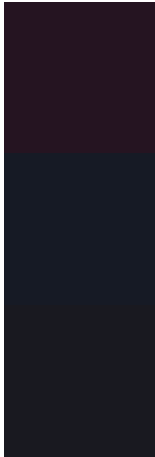


This preview shows how white text looks on a background with the YIQ color 26.5650, 5.9590, 7.6470.

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

26.5650, 5.9590, 7.6470

Protanopia

26.0580, -5.9150, 2.5730

Deuteranopia

25.7980, -2.2470, 2.1770



Tritanopia

26.4140, 7.7020, 3.5900

Trichromacy



Original Color

26.5650, 5.9590, 7.6470

Protanomaly

26.2650, -2.0640, 4.3680

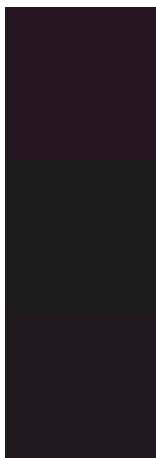
Deuteranomaly

25.8200, 0.6870, 4.0710

Tritanomaly

26.1690, 7.0140, 5.0460

Monochromacy



Original Color

26.5650, 5.9590, 7.6470

Achromatopsia

27.0000, -0.0000, 0.0000

Achromatomaly

26.6630, 2.5670, 3.0390

CSS Examples

Text

The CSS property to change the color of the text to YIQ 26.5650, 5.9590, 7.6470 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(37, 20, 33)` looks like.

```
.text, #text, p{  
    color:rgb(37, 20, 33)  
}
```

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(37, 20, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 20, 33) }
```

Border

The CSS property to change the border of an element to YIQ 26.5650, 5.9590, 7.6470 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(37, 20, 33) }
```

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

```
.border{ border-color:rgb(37, 20, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 20, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 20, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 20, 33);  
box-shadow:4px 4px 4px 4px rgb(37, 20, 33)  
}
```


Background

The CSS property to change the background color of an element to YIQ 26.5650, 5.9590, 7.6470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 20, 33) }
```

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

```
.background{ background-color: rgb(37, 20,  
33) }
```

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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