

Converting Colors

YIQ(31.3260, -4.0340, -3.9860)

Have a look what the booklet for
YIQ(31.3260, -4.0340, -3.9860)
contains.

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Color

**YIQ(31.3260, -4.0340,
-3.9860)**

Conversions

Conversions Part 1

Format	Color
Hex	19231D
RGB	25, 35, 29
RGB Percent	10%, 14%, 11%
CMY	0.9020, 0.8627, 0.8863
CMYK	0.29, 0.00, 0.17, 0.86
HSL	144°, 17%, 12%
HSV	144°, 29%, 14%
XYZ	1.2236, 1.4976, 1.3868
YIQ	31.3260, -4.0340, -3.9860

Conversions

Conversions Part 2

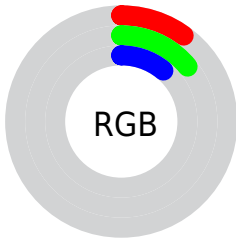
Format	Color
R_{YB}	25, 32, 35
Decimal	1647389
CIE Lab	12.59, -6.06, 2.59
CIE LCh	13, 6.590, 156.847
Yxy	1.4976, 0.2979, 0.3646
Android (android.graphics.Color)	4279837469 (0xFF19231D)
YUV	31.3260, -1.1467, -5.5479
Hunter-Lab	12.2376, -3.5678, 1.8475

Details

The YIQ color **31.3260, -4.0340, -3.9860** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **28.6740, 4.0340, 3.9860**, and the grayscale version is **31.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **74.9130, -4.3090, -4.5090**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **29.9020, -5.7760, -5.4560**, and if you desaturate by 10%, it is **32.4510, -2.8880, -2.7280**.

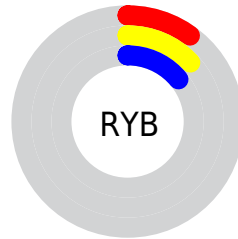
Distribution



Red (10%)

Green (14%)

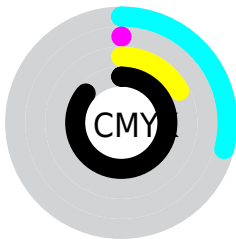
Blue (11%)



Red (10%)

Yellow (13%)

Blue (14%)

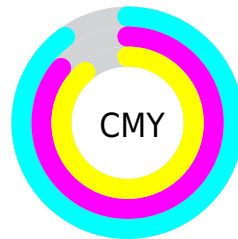


Cyan (29%)

Magenta (0%)

Yellow (17%)

Black (86%)



Cyan (90%)

Magenta (86%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 31.3260, -4.0340, -3.9860 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 31.3260, -4.0340, -3.9860 by changing the saturation by 10% instead.

■ 31.3260, -4.0340,
-3.9860

■ 31.3260, -4.0340,
-3.9860

■ 254.1030, -1.7880,
-0.6360

■ 8.5600, -4.8130,
-6.3890

■ 74.9130, -4.3090,
-4.5090

■ 0.0000, 0.0000,
0.0000

■ 98.9130, -4.3090,
-4.5090

■ 123.6140, -4.9050,
-4.7210

■ 149.6140, -4.9050,
-4.7210

■ 176.2010, -5.1800,
-5.2440

■ 204.0870, -4.8590,

-5.5550

■ 232.2010, -5.1800,
-5.2440

■ 31.3260, -4.0340,
-3.9860

■ 31.3260, -4.0340,
-3.9860

■ 29.9020, -5.7760,
-5.4560

■ 32.4510, -2.8880,
-2.7280

■ 28.7770, -6.9220,
-6.7140

■ 33.8750, -1.1460,
-1.2580

■ 27.3530, -8.6640,
-8.1840

■ 35.0000, 0.0000,
0.0000

■ 26.2280, -9.8100,
-9.4420

■ 36.4240, 1.7420,
1.4700

■ 24.6900, -11.2310,
-11.2230

■ 37.6630, 2.5670,
3.0390

■ 23.5650, -12.3770,
-12.4810

■ 39.0870, 4.3090,
4.5090

■ 22.1410, -14.1190,
-13.9510

■ 40.2120, 5.4550,
5.7670

■ 41.6360, 7.1970,
7.2370

■ 42.7610, 8.3430,
8.4950

Harmonies

Analogous

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



31.7780, 0.5050, -3.6470



31.3260, -4.0340, -3.9860



30.7000, -8.0230, -3.2790

Triad

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



31.3260, -4.0340, -3.9860



32.8300, -5.2730, 1.9510



33.2460, 8.1150, 1.6110

Complementary

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



31.3260, -4.0340, -3.9860



28.6740, 4.0340, 3.9860

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.



33.2290, 6.7850, 3.6890



31.3260, -4.0340, -3.9860



33.2220, -0.5050, 3.6470

Square

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



31.3260, -4.0340, -3.9860



31.5090, -8.8030, -0.1550



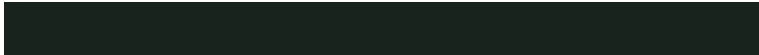
33.6740, 4.0340, 3.9860



32.5940, 7.0150, -0.4810

Rectangle

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



31.3260, -4.0340, -3.9860



30.7430, -9.5820, -2.5580



33.6740, 4.0340, 3.9860



33.4740, 7.4730, 2.2330

Sweetspot

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



31.3260, -4.0340, -3.9860



44.4620, -1.4210, -1.7810



32.6640, 0.8260, -3.9580



21.8750, -1.1460, -1.2580



150.0000, -0.0000, -0.0000



23.0000, 0.0000, -0.0000

Same Dimension

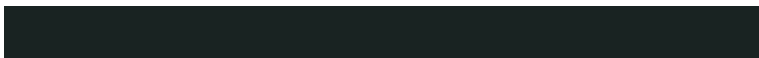
The Same Dimension uses a secret algorithm to generate beautiful new colors.



31.3260, -4.0340, -3.9860



40.1900, -6.6470, -6.1910



31.8960, -5.6390, -2.4310



17.2880, -0.8710, -0.7350



51.8960, -33.1430, -32.6230



132.2590, -84.4390, -83.1830

Inverse Universe

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



28.6740, 4.0340, 3.9860



35.9240, 6.3260, 6.5020



28.1040, 5.6390, 2.4310



16.7120, 0.8710, 0.7350



30.1040, 33.1430, 32.6230



76.7410, 84.4390, 83.1830

Previews

White Background



This preview shows how the YIQ color 31.3260, -4.0340, -3.9860 looks on a white background.

Color Contrast Check

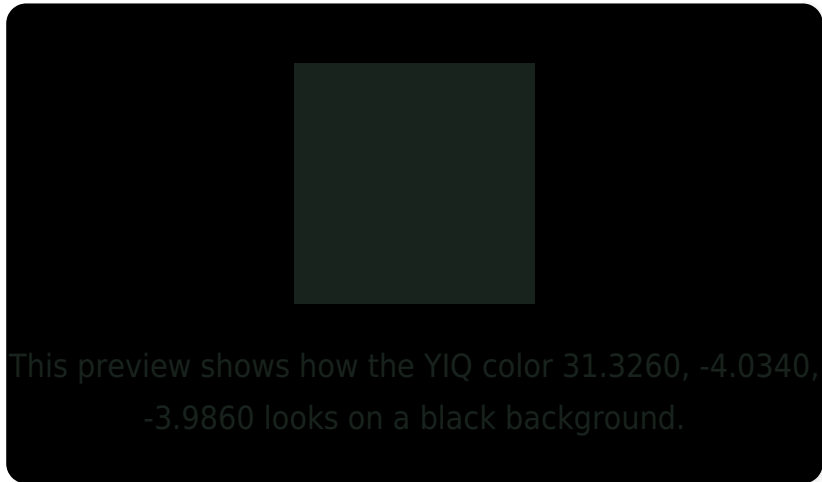
Large Text (above 18pt) WCAG AA ✓ Pass

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

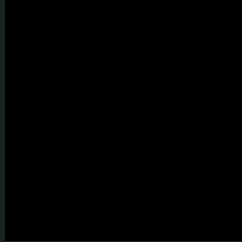
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 31.3260, -4.0340, -3.9860

Background



This preview shows how black text looks on a background with the YIQ color 31.3260, -4.0340, -3.9860.



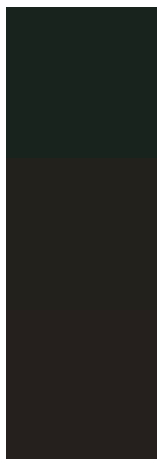
This preview shows how white text looks on a background with the YIQ color 31.3260, -4.0340, -3.9860.

-3.9860.

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

31.3260, -4.0340, -3.9860

Protanopia

32.7290, 2.2010, -1.3430

Deuteranopia

33.2670, 3.6220, 0.4380



Tritanopia

32.2490, -5.1350, -0.5510

Trichromacy



Original Color

31.3260, -4.0340, -3.9860

Protanomaly

32.4190, 0.1380, -2.5020

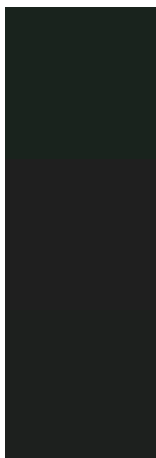
Deuteranomaly

32.6580, 0.9630, -0.9330

Tritanomaly

31.6080, -4.7680, -1.6960

Monochromacy



Original Color

31.3260, -4.0340, -3.9860

Achromatopsia

31.0000, -0.0000, -0.0000

Achromatomaly

30.8750, -1.1460, -1.2580

CSS Examples

Text

The CSS property to change the color of the text to YIQ 31.3260, -4.0340, -3.9860 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(25, 35, 29)` looks like.

```
.text, #text, p{  
    color:rgb(25, 35, 29)  
}
```

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(25, 35, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 35, 29) }
```

Border

The CSS property to change the border of an element to YIQ 31.3260, -4.0340, -3.9860 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(25, 35, 29) }
```


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

```
.border{ border-color:rgb(25, 35, 29) }
```

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

Here you see how a box with a 4 pixel rgb(25, 35, 29) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 35, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 35, 29);  
box-shadow:4px 4px 4px 4px rgb(25, 35, 29)  
}
```

Background

The CSS property to change the background color of an element to YIQ 31.3260, -4.0340, -3.9860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 35, 29) }
```

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

```
.background{ background-color: rgb(25, 35,  
29) }
```

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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