

Converting Colors

YIQ(32.0010, -9.7680, 11.8320)

Have a look what the booklet for
YIQ(32.0010, -9.7680, 11.8320)
contains.

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Color

**YIQ(32.0010, -9.7680,
11.8320)**

Conversions

Conversions Part 1

Format	Color
Hex	1E1B3F
RGB	30, 27, 63
RGB Percent	12%, 11%, 25%
CMY	0.8823, 0.8941, 0.7530
CMYK	0.52, 0.57, 0.00, 0.75
HSL	245°, 40%, 18%
HSV	245°, 57%, 25%
XYZ	1.8243, 1.4186, 4.8778
YIQ	32.0010, -9.7680, 11.8320

Conversions

Conversions Part 2

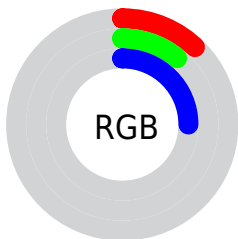
Format	Color
R_{YB}	30, 27, 63
Decimal	1973055
CIE _{Lab}	12.08, 12.83, -22.62
CIE _{LCh}	12, 26.002, 299.570
Yxy	1.4186, 0.2246, 0.1747
Android (android.graphics.Color)	4280163135 (0xFF1E1B3F)
YUV	32.0010, 15.2825, -1.7549
Hunter-Lab	11.9107, 6.4960, -15.9438

Details

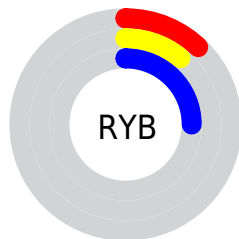
The YIQ color **32.0010, -9.7680, 11.8320** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **57.9990, 9.7680, -11.8320**, and the grayscale version is **32.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **76.7670, -8.9890, 14.2350**, and **2.7530, -6.3740, 5.3860** is the 20% darker color. If you saturate the color by 10%, you get **26.6850, -11.6940, 13.6980**, and if you desaturate by 10%, it is **37.3170, -7.8420, 9.9660**.

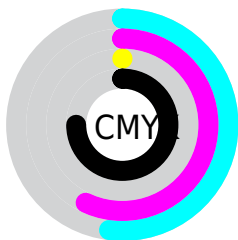
Distribution



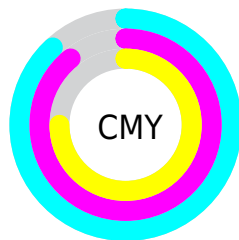
- Red (12%)
- Green (11%)
- Blue (25%)



- Red (12%)
- Yellow (11%)
- Blue (25%)



- Cyan (52%)
- Magenta (57%)
- Yellow (0%)
- Black (75%)



- Cyan (88%)
- Magenta (89%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 32.0010, -9.7680, 11.8320 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 32.0010, -9.7680, 11.8320 by changing the saturation by 10% instead.

■ 32.0010, -9.7680,
11.8320

■ 32.0010, -9.7680,
11.8320

■ 255.0000, -0.0000,
-0.0000

■ 7.6640, -7.2010,
14.8710

■ 76.7670, -8.9890,
14.2350

■ 2.7530, -6.3740,
5.3860

■ 100.9950, -9.6310,
14.8570

■ 0.0000, 0.0000,
0.0000

■ 126.4080, -9.3560,
15.3800

■ 151.9350, -9.4020,
16.2140

■ 179.0490, -9.7230,
16.5250

■ 206.4620, -9.4480,

17.0480

■ 232.2960, -3.3490,
11.1390

■ 32.0010, -9.7680,
11.8320

■ 32.0010, -9.7680,
11.8320

■ 26.6850, -11.6940,
13.6980

■ 37.3170, -7.8420,
9.9660

■ 20.7820, -13.3450,
16.0870

■ 43.2200, -6.1910,
7.5770

■ 15.7650, -14.6750,
18.1650

■ 48.2370, -4.8610,
5.4990

■ 10.4490, -16.6010,
20.0310

■ 53.5530, -2.9350,
3.6330

■ 8.6770, -17.2430,
20.6530

■ 58.8690, -1.0090,
1.7670

■ 64.7720, 0.6420,
-0.6220

■ 69.7890, 1.9720,
-2.7000

■ 75.1050, 3.8980,
-4.5660

■ 81.0080, 5.5490,
-6.9550

Harmonies

Analogous

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



27.7100, -31.1780, 3.3660



32.0010, -9.7680, 11.8320



32.1130, 10.5880, 17.3720

Triad

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



32.0010, -9.7680, 11.8320



29.9460, 26.4550, -0.3690



27.0140, -20.9510, -11.2790

Complementary

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



32.0010, -9.7680, 11.8320



57.9990, 9.7680, -11.8320

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.



23.4460, -13.6600, -16.7640



32.0010, -9.7680, 11.8320



30.4560, 15.9110, -7.5210

Square

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



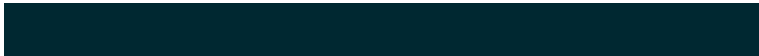
32.0010, -9.7680, 11.8320



29.5260, 28.0580, 9.1300



28.3080, 4.4040, -13.7400



29.0660, -26.7290, -5.6810

Rectangle

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



32.0010, -9.7680, 11.8320



30.6040, 19.3910, 17.5270



28.3080, 4.4040, -13.7400



26.3300, -19.0250, -13.1450

Sweetspot

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



32.0010, -9.7680, 11.8320



69.8950, -3.8980, 4.5660



50.4750, -20.6310, -6.0630



33.9120, -2.5680, 2.4880



168.0000, -0.0000, -0.0000



41.0000, 0.0000, -0.0000

Same Dimension

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



32.0010, -9.7680, 11.8320



32.9930, -15.3170, 18.7870



37.3830, 0.9600, 15.6480



28.3420, -0.9630, 0.9330



13.1080, -25.4060, 30.9300



30.9890, -59.9380, 73.0700

Inverse Universe

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



41.5260, 10.8630, 17.8950



47.9710, 17.2800, 28.2560



52.6170, -0.9600, -15.6480



29.1250, 1.1460, 1.2580



37.9100, 28.4180, 46.6740



89.5200, 67.1490, 110.1970

Previews

White Background



This preview shows how the YIQ color 32.0010, -9.7680, 11.8320 looks on a white background.

Color Contrast Check

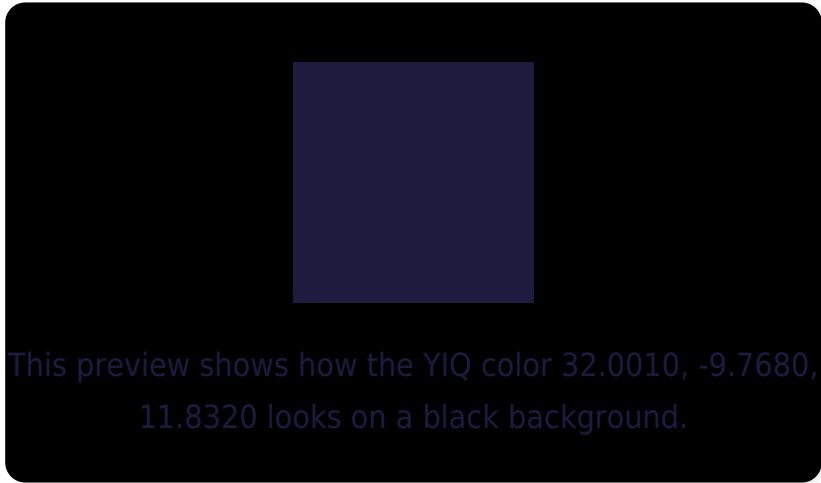
Large Text (above 18pt) WCAG AA ✓ Pass

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

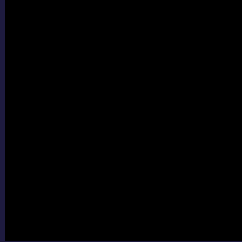
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 32.0010, -9.7680, 11.8320

Background



This preview shows how black text looks on a background with the YIQ color 32.0010, -9.7680, 11.8320.



This preview shows how white text looks on a background with the YIQ color 32.0010, -9.7680,

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

32.0010, -9.7680, 11.8320

Protanopia

25.7210, -29.7110, 4.3130

Deuteranopia

25.8690, -27.3720, 0.4680



Tritanopia

30.4550, -8.7110, -1.8230

Trichromacy



Original Color

32.0010, -9.7680, 11.8320

Protanomaly

28.3090, -22.5590, 6.8570

Deuteranomaly

28.2120, -20.9080, 4.4680

Tritanomaly

30.6170, -8.9870, 3.1810

Monochromacy



Original Color

32.0010, -9.7680, 11.8320

Achromatopsia

32.0000, -0.0000, -0.0000

Achromatomaly

31.7810, -3.5770, 4.2550

CSS Examples

Text

The CSS property to change the color of the text to YIQ 32.0010, -9.7680, 11.8320 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(30, 27, 63)` looks like.

```
.text, #text, p{  
    color:rgb(30, 27, 63)  
}
```

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(30, 27, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 27, 63) }
```

Border

The CSS property to change the border of an element to YIQ 32.0010, -9.7680, 11.8320 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(30, 27, 63) }
```


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

```
.border{ border-color:rgb(30, 27, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 27, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 27, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 27, 63);  
box-shadow:4px 4px 4px 4px rgb(30, 27, 63)  
}
```

Background

The CSS property to change the background color of an element to YIQ 32.0010, -9.7680, 11.8320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 27, 63) }
```

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

```
.background{ background-color: rgb(30, 27,  
63) }
```

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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