

Converting Colors

YIQ(31.6800, -13.2980, 9.7260)

Have a look what the booklet for
YIQ(31.6800, -13.2980, 9.7260)
contains.

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Color

**YIQ(31.6800, -13.2980,
9.7260)**

Conversions

Conversions Part 1

Format	Color
Hex	191D3F
RGB	25, 29, 63
RGB Percent	10%, 11%, 25%
CMY	0.9019, 0.8863, 0.7530
CMYK	0.60, 0.54, 0.00, 0.75
HSL	234°, 43%, 17%
HSV	234°, 60%, 25%
XYZ	1.7370, 1.4442, 4.8869
YIQ	31.6800, -13.2980, 9.7260

Conversions

Conversions Part 2

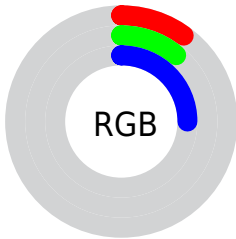
Format	Color
R_{YB}	25, 29, 63
Decimal	1645887
CIE _{Lab}	12.25, 9.94, -22.37
CIE _{LCh}	12, 24.480, 293.958
Yxy	1.4442, 0.2153, 0.1790
Android (android.graphics.Color)	4279835967 (0xFF191D3F)
YUV	31.6800, 15.4408, -5.8584
Hunter-Lab	12.0174, 4.7703, -15.6980

Details

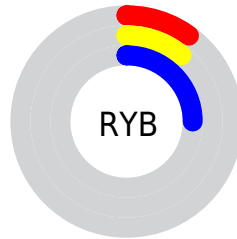
The YIQ color **31.6800, -13.2980, 9.7260** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **56.3200, 13.2980, -9.7260**, and the grayscale version is **32.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **76.4460, -12.5190, 12.1290**, and **2.7530, -6.3740, 5.3860** is the 20% darker color. If you saturate the color by 10%, you get **26.3640, -15.2240, 11.5920**, and if you desaturate by 10%, it is **36.9960, -11.3720, 7.8600**.

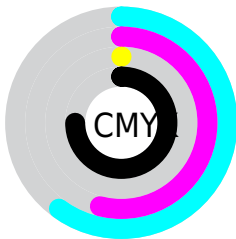
Distribution



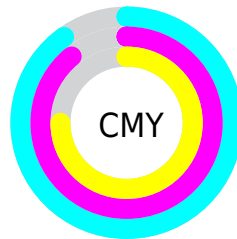
- Red (10%)
- Green (11%)
- Blue (25%)



- Red (10%)
- Yellow (11%)
- Blue (25%)



- Cyan (60%)
- Magenta (54%)
- Yellow (0%)
- Black (75%)



- Cyan (90%)
- Magenta (89%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 31.6800, -13.2980, 9.7260 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 31.6800, -13.2980, 9.7260 by changing the saturation by 10% instead.

■ 31.6800, -13.2980,
9.7260

■ 31.6800, -13.2980,
9.7260

■ 255.0000, -0.0000,
-0.0000

■ 7.6310, -11.6020,
12.0300

■ 76.4460, -12.5190,
12.1290

■ 2.7530, -6.3740,
5.3860

■ 100.5600,
-12.8400, 12.4400

■ 0.0000, 0.0000,
0.0000

■ 126.0870,
-12.8860, 13.2740

■ 151.6140,
-12.9320, 14.1080

■ 178.7280,
-13.2530, 14.4190

■ 205.8420,

-13.5740, 14.7300

■ 231.9750, -6.8790,
9.0330

■ 31.6800, -13.2980,
9.7260

■ 31.6800, -13.2980,
9.7260

■ 26.3640, -15.2240,
11.5920

■ 36.9960, -11.3720,
7.8600

■ 21.3360, -18.0210,
12.7230

■ 42.0240, -8.5750,
6.7290

■ 16.0200, -19.9470,
14.5890

■ 47.3400, -6.6490,
4.8630

■ 11.2910, -22.1480,
15.9320

■ 52.6560, -4.7230,
2.9970

■ 57.3850, -2.5220,
1.6540

■ 63.0000, 0.0000,
0.0000

■ 67.7290, 2.2010,
-1.3430

■ 73.0450, 4.1270,
-3.2090

■ 78.6600, 6.6490,
-4.8630

Harmonies

Analogous

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



28.0690, -30.8110, 2.2210



31.6800, -13.2980, 9.7260



32.9060, 6.7370, 15.5770

Triad

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



31.6800, -13.2980, 9.7260



30.2450, 27.0510, -0.1570



26.6720, -19.9880, -12.2120

Complementary

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



31.6800, -13.2980, 9.7260



56.3200, 13.2980, -9.7260

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.



24.7130, -10.0380, -16.3260



31.6800, -13.2980, 9.7260



30.7660, 17.9740, -6.3620

Square

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



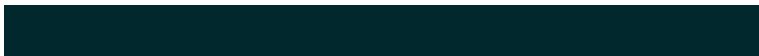
31.6800, -13.2980, 9.7260



30.0960, 26.4530, 10.6850



29.2160, 7.6590, -12.1570



28.6100, -25.4450, -6.9250

Rectangle

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



31.6800, -13.2980, 9.7260



32.1090, 16.4110, 16.4670



29.2160, 7.6590, -12.1570



25.4010, -17.7870, -13.5550

Sweetspot

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



31.6800, -13.2980, 9.7260



69.2970, -5.0900, 4.1420



51.1820, -21.3640, -9.3000



33.6130, -3.1640, 2.2760



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.



31.6800, -13.2980, 9.7260



33.2480, -20.5890, 15.2110



33.8170, -3.2580, 14.9980



28.3420, -0.9630, 0.9330



16.5860, -32.9240, 24.0040



38.8090, -77.5870, 57.0130

Inverse Universe

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



36.8180, 21.3640, 9.3000



41.3250, 33.2380, 14.3740



54.1830, 3.2580, -14.9980



28.8970, 1.7880, 0.6360



29.2460, 52.8140, 23.0380



69.0000, 124.9290, 54.2170

Previews

White Background



This preview shows how the YIQ color 31.6800, -13.2980, 9.7260 looks on a white background.

Color Contrast Check

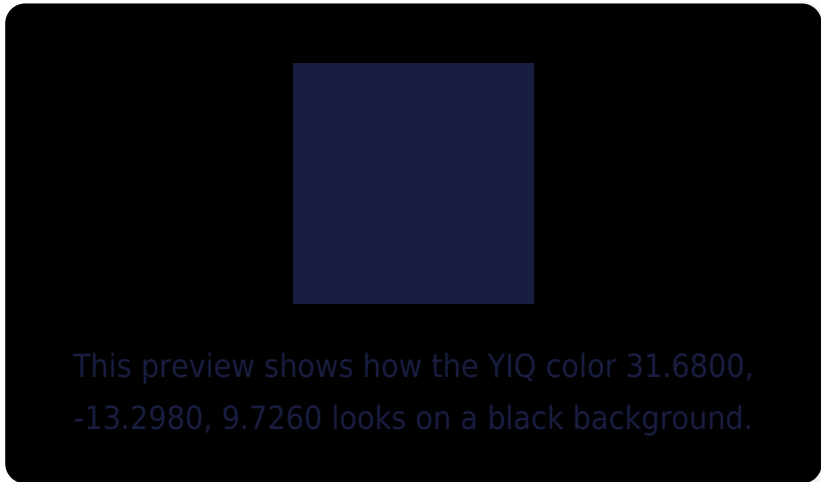
Large Text (above 18pt) WCAG AA ✓ Pass

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

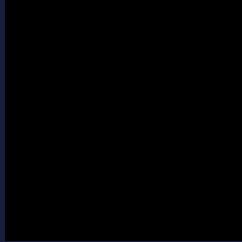
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 31.6800, -13.2980, 9.7260

Background



This preview shows how black text looks on a background with the YIQ color 31.6800, -13.2980, 9.7260.



This preview shows how white text looks on a background with the YIQ color 31.6800, -13.2980,

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

31.6800, -13.2980, 9.7260

Protanopia

27.7000, -25.2180, 5.4860

Deuteranopia

25.9830, -27.6930, 0.7790



Tritanopia

28.7640, -14.0750, -3.7310

Trichromacy



Original Color

31.6800, -13.2980, 9.7260

Protanomaly

29.0920, -20.4500, 7.1820

Deuteranomaly

28.3150, -22.6960, 3.8320

Tritanomaly

29.8120, -14.0300, 0.9620

Monochromacy



Original Color

31.6800, -13.2980, 9.7260

Achromatopsia

32.0000, -0.0000, -0.0000

Achromatomaly

31.7700, -5.0440, 3.3080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 31.6800, -13.2980, 9.7260 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, 29, 63)` looks like.

```
.text, #text, p{  
    color:rgb(25, 29, 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(25, 29, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 29, 63) }
```

Border

The CSS property to change the border of an element to YIQ 31.6800, -13.2980, 9.7260 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, 29, 63) }
```


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

```
.border{ border-color:rgb(25, 29, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 29, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 29, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 29, 63);  
box-shadow:4px 4px 4px 4px rgb(25, 29, 63)  
}
```

Background

The CSS property to change the background color of an element to YIQ 31.6800, -13.2980, 9.7260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 29, 63) }
```

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

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