

Converting Colors

YIQ(31.1130, -15.7750, 16.0730)

Have a look what the booklet for
YIQ(31.1130, -15.7750, 16.0730)
contains.

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Color

**YIQ(31.1130, -15.7750,
16.0730)**

Conversions

Conversions Part 1

Format	Color
Hex	1A194C
RGB	26, 25, 76
RGB Percent	10%, 10%, 30%
CMY	0.8980, 0.9020, 0.7021
CMYK	0.66, 0.67, 0.00, 0.70
HSL	241°, 50%, 20%
HSV	241°, 67%, 30%
XYZ	2.0775, 1.4364, 7.0005
YIQ	31.1130, -15.7750, 16.0730

Conversions

Conversions Part 2

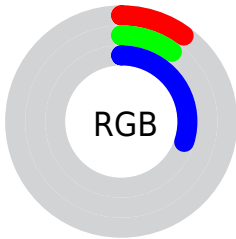
Format	Color
RYB	26, 25, 76
Decimal	1710412
CIELab	12.20, 18.25, -31.50
CIElCh	12, 36.412, 300.089
Yxy	1.4364, 0.1976, 0.1366
Android (android.graphics.Color)	4279900492 (0xFF1A194C)
YUV	31.1130, 22.1293, -4.4841
Hunter-Lab	11.9851, 9.9667, -26.2418

Details

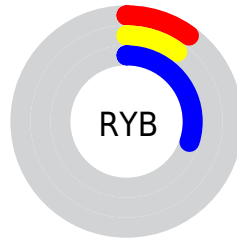
The YIQ color **31.1130, -15.7750, 16.0730** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **69.8870, 15.7750, -16.0730**, and the grayscale version is **31.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **77.0040, -13.8500, 19.7340**, and **4.7080, -10.5010, 8.5950** is the 20% darker color. If you saturate the color by 10%, you get **24.3240, -17.7470, 18.7730**, and if you desaturate by 10%, it is **37.9020, -13.8030, 13.3730**.

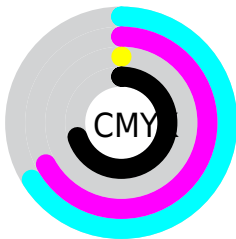
Distribution



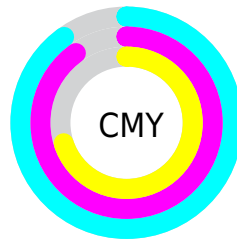
- Red (10%)
- Green (10%)
- Blue (30%)



- Red (10%)
- Yellow (10%)
- Blue (30%)



- Cyan (66%)
- Magenta (67%)
- Yellow (0%)
- Black (70%)



- Cyan (90%)
- Magenta (90%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 31.1130, -15.7750, 16.0730 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 31.1130, -15.7750, 16.0730 by changing the saturation by 10% instead.

■ 31.1130, -15.7750,
16.0730

■ 31.1130, -15.7750,
16.0730

■ 253.2390, 0.8250,
1.5690

■ 7.2380, -14.6290,
17.3310

■ 76.8900, -13.5290,
19.4230

■ 4.7080, -10.5010,
8.5950

■ 101.5310,
-13.8960, 20.5680

■ 0.2280, -0.6420,
0.6220

■ 126.4710,
-13.6670, 21.9250

■ 0.0000, 0.0000,
0.0000

■ 152.8840,
-13.3920, 22.4480

■ 179.5250,
-13.7590, 23.5930

■ 206.6130,

-11.1910, 21.1050

■ 231.7200, -1.6070,
12.6090

■ 31.1130, -15.7750,
16.0730

■ 31.1130, -15.7750,
16.0730

■ 24.3240, -17.7470,
18.7730

■ 37.9020, -13.8030,
13.3730

■ 17.8230, -20.5900,
20.7380

■ 44.4030, -10.9600,
11.4080

■ 11.0340, -22.5620,
23.4380

■ 51.1920, -8.9880,
8.7080

■ 9.2620, -23.2040,
24.0600

■ 57.6930, -6.1450,
6.7430

■ 64.4820, -4.1730,
4.0430

■ 71.5700, -1.6050,
1.5550

■ 77.7720, 0.6420,
-0.6220

■ 84.8600, 3.2100,
-3.1100

■ 91.0620, 5.4570,
-5.2870

Harmonies

Analogous

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



30.0070, -36.2680, 7.5080



31.1130, -15.7750, 16.0730



28.8460, 16.1340, 26.9980

Triad

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



31.1130, -15.7750, 16.0730



29.6800, 30.2600, 2.2600



28.7750, -21.7760, -12.8480

Complementary

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



31.1130, -15.7750, 16.0730



69.8870, 15.7750, -16.0730

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.



24.0670, -11.2750, -21.4430



31.1130, -15.7750, 16.0730



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.



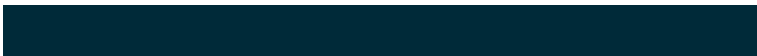
31.1130, -15.7750, 16.0730



22.9300, 41.7200, 14.8400



26.5030, -0.6390, -15.9590



31.1520, -29.8470, -4.2390

Rectangle

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



31.1130, -15.7750, 16.0730



25.9030, 29.1550, 27.8030



26.5030, -0.6390, -15.9590



27.1620, -18.6120, -15.1240

Sweetspot

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



31.1130, -15.7750, 16.0730



82.1660, -6.0990, 5.9090



60.1640, -30.1210, -10.2890



40.3680, -3.8520, 3.7320



179.0000, -0.0000, -0.0000



51.0000, -0.0000, -0.0000

Same Dimension

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



31.1130, -15.7750, 16.0730



28.4190, -25.0840, 25.0920



38.5880, -0.8750, 21.3730



34.7550, -0.6880, 1.4560



12.2260, -31.5500, 32.1460



27.7150, -70.8500, 72.5900

Inverse Universe

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



45.9490, 14.3460, 26.3620



51.9260, 22.3210, 41.5290



62.4120, 0.8750, -21.3730



35.6520, 1.1000, 2.0920



41.8980, 28.6920, 52.7240



94.4200, 64.8550, 118.7350

Previews

White Background



This preview shows how the YIQ color 31.1130, -15.7750, 16.0730 looks on a white background.

Color Contrast Check

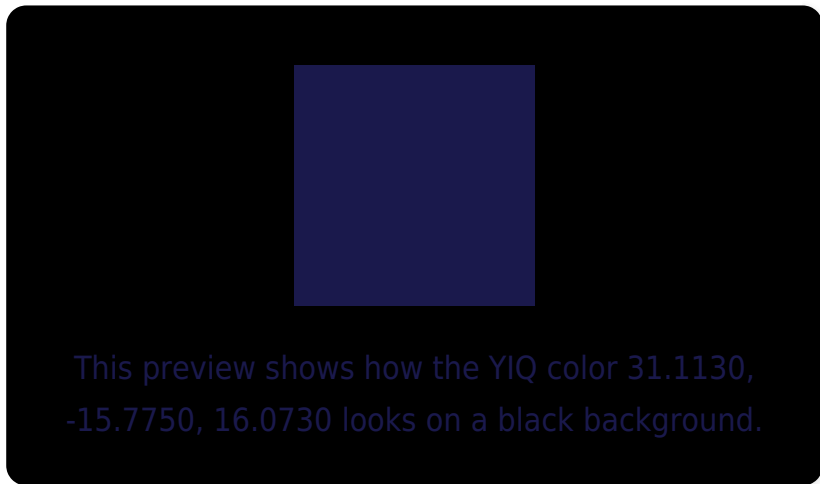
Large Text (above 18pt) WCAG AA ✓ Pass

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

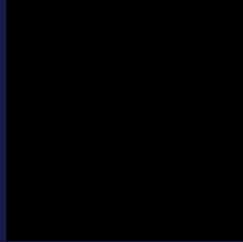
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 31.1130, -15.7750, 16.0730

Background



This preview shows how black text looks on a background with the YIQ color 31.1130, -15.7750, 16.0730.



This preview shows how white text looks on a background with the YIQ color 31.1130, -15.7750,

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

31.1130, -15.7750, 16.0730

Protanopia

25.7210, -29.7110, 4.3130

Deuteranopia

25.8690, -27.3720, 0.4680



Tritanopia

25.5780, -22.4190, -6.6990

Trichromacy



Original Color

31.1130, -15.7750, 16.0730

Protanomaly

27.6940, -25.0810, 8.5110

Deuteranomaly

27.5970, -23.4300, 6.1220

Tritanomaly

27.4030, -20.1280, 1.3440

Monochromacy



Original Color

31.1130, -15.7750, 16.0730

Achromatopsia

31.0000, -0.0000, -0.0000

Achromatomaly

31.0520, -5.7780, 5.5980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 31.1130, -15.7750, 16.0730 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(26, 25, 76)` looks like.

```
.text, #text, p{  
    color:rgb(26, 25, 76)  
}
```

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(26, 25, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 25, 76) }
```

Border

The CSS property to change the border of an element to YIQ 31.1130, -15.7750, 16.0730 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(26, 25, 76) }
```


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

```
.border{ border-color:rgb(26, 25, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 25, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 25, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 25, 76);  
box-shadow:4px 4px 4px 4px rgb(26, 25, 76)  
}
```

Background

The CSS property to change the background color of an element to YIQ 31.1130, -15.7750, 16.0730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 25, 76) }
```

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

```
.background{ background-color: rgb(26, 25,  
76) }
```

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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