

Converting Colors

YIQ(18.2400, -18.1110, 3.3370)

Have a look what the booklet for
YIQ(18.2400, -18.1110, 3.3370)
contains.

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Color

**YIQ(18.2400, -18.1110,
3.3370)**

Conversions

Conversions Part 1

Format	Color
Hex	03152C
RGB	3, 21, 44
RGB Percent	1%, 8%, 17%
CMY	0.9883, 0.9176, 0.8275
CMYK	0.93, 0.52, 0.00, 0.83
HSL	214°, 87%, 9%
HSV	214°, 93%, 17%
XYZ	0.7600, 0.7376, 2.4829
YIQ	18.2400, -18.1110, 3.3370

Conversions

Conversions Part 2

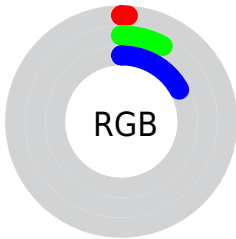
Format	Color
R_{YB}	3, 16, 44
Decimal	202028
CIE Lab	6.66, 2.41, -17.64
CIE LCh	7, 17.806, 277.787
Yxy	0.7376, 0.1909, 0.1853
Android (android.graphics.Color)	4278392108 (0xFF03152C)
YUV	18.2400, 12.6997, -13.3655
Hunter-Lab	8.5884, 0.7653, -11.1291

Details

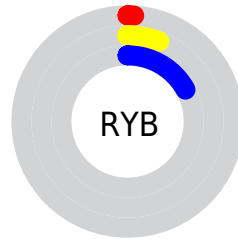
The YIQ color **18.2400, -18.1110, 3.3370** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **28.7600, 18.1110, -3.3370**, and the grayscale version is **18.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **62.1910, -16.4150, 5.6410**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **16.1690, -19.3490, 3.7470**, and if you desaturate by 10%, it is **20.6100, -16.2770, 3.1390**.

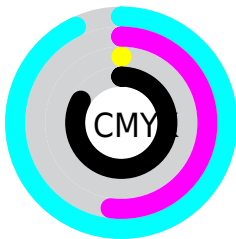
Distribution



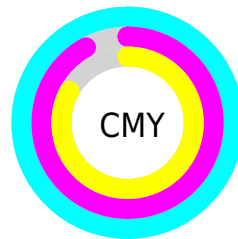
- Red (1%)
- Green (8%)
- Blue (17%)



- Red (1%)
- Yellow (6%)
- Blue (17%)



- Cyan (93%)
- Magenta (52%)
- Yellow (0%)
- Black (83%)



- Cyan (99%)
- Magenta (92%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 18.2400, -18.1110, 3.3370 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 18.2400, -18.1110, 3.3370 by changing the saturation by 10% instead.

■ 18.2400, -18.1110,
3.3370

■ 18.2400, -18.1110,
3.3370

■ 242.2530,
-10.9580, 0.3540

■ 3.2090, -7.6580,
6.6300

■ 62.1910, -16.4150,
5.6410

■ 0.0000, 0.0000,
0.0000

■ 85.3050, -16.7360,
5.9520

■ 110.4190,
-17.0570, 6.2630

■ 135.5330,
-17.3780, 6.5740

■ 161.7610,
-18.0200, 7.1960

■ 188.7610,

-18.0200, 7.1960

■ 216.8750,
-18.3410, 7.5070

■ 18.2400, -18.1110,
3.3370

■ 18.2400, -18.1110,
3.3370

■ 16.1690, -19.3490,
3.7470

■ 20.6100, -16.2770,
3.1390

■ 23.8660, -14.1220,
2.6300

■ 26.2360, -12.2880,
2.4320

■ 29.4920, -10.1330,
1.9230

■ 31.8620, -8.2990,
1.7250

■ 34.8190, -6.7400,
1.0040

■ 37.4880, -4.3100,
1.0180

■ 40.4450, -2.7510,
0.2970

■ 43.1140, -0.3210,
0.3110

Harmonies

Analogous

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



19.4630, -20.3570, -0.0130



18.2400, -18.1110, 3.3370



21.6120, -1.4230, 9.2730

Triad

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



18.2400, -18.1110, 3.3370



19.6020, 21.7320, 2.6280



16.6470, -9.6720, -11.9440

Complementary

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



18.2400, -18.1110, 3.3370



28.7600, 18.1110, -3.3370

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.



17.3660, -1.5110, -11.1670



18.2400, -18.1110, 3.3370



20.4440, 16.1850, -1.4710

Square

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



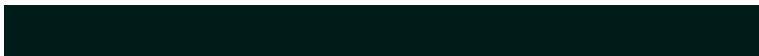
18.2400, -18.1110, 3.3370



19.8930, 16.7790, 9.7950



19.8020, 9.1250, -5.6830



19.1720, -15.4040, -7.1800

Rectangle

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



18.2400, -18.1110, 3.3370



21.5590, 6.0960, 10.6720



19.8020, 9.1250, -5.6830



15.9630, -7.7460, -13.8100

Sweetspot

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



18.2400, -18.1110, 3.3370



45.9330, -7.0610, 1.3150



29.6890, -18.6580, -14.2900



22.3740, -3.9890, 0.7070



156.0000, -0.0000, -0.0000



28.0000, -0.0000, 0.0000

Same Dimension

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



18.2400, -18.1110, 3.3370



21.0590, -24.8510, 4.3410



8.2720, -11.9690, 13.1750



21.8150, -0.9170, 0.0990



32.2240, -38.3770, 7.1830



79.5740, -94.5440, 17.3920

Inverse Universe

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



17.3110, 18.6580, 14.2900



19.5940, 25.3510, 19.6470



38.7280, 11.9690, -13.1750



21.7120, 0.8710, 0.7350



30.3450, 39.6540, 30.2620



74.7020, 97.3700, 74.6020

Previews

White Background



This preview shows how the YIQ color 18.2400, -18.1110, 3.3370 looks on a white background.

Color Contrast Check

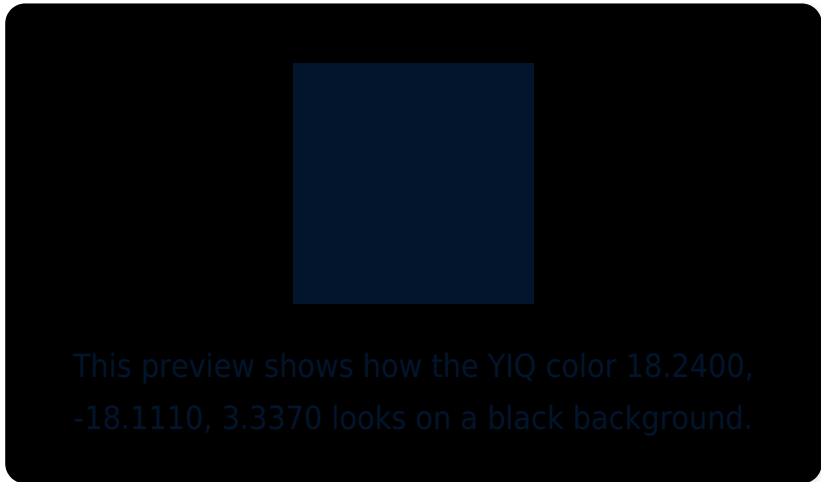
Large Text (above 18pt) WCAG AA ✓ Pass

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

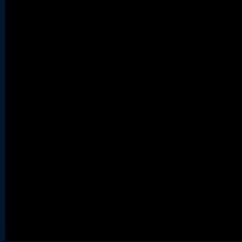
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 18.2400, -18.1110, 3.3370

Background



This preview shows how black text looks on a background with the YIQ color 18.2400, -18.1110, 3.3370.



This preview shows how white text looks on a background with the YIQ color 18.2400, -18.1110,

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

18.2400, -18.1110, 3.3370

Protanopia

18.8380, -16.9190, 3.7610

Deuteranopia

17.3600, -18.5690, 0.6230



Tritanopia

17.0520, -14.9460, -4.4660

Trichromacy



Original Color

18.2400, -18.1110, 3.3370

Protanomaly

18.5390, -17.5150, 3.5490

Deuteranomaly

17.8870, -18.6150, 1.4570

Tritanomaly

17.5620, -16.3220, -1.5540

Monochromacy



Original Color

18.2400, -18.1110, 3.3370

Achromatopsia

18.0000, -0.0000, 0.0000

Achromatomaly

18.1180, -6.1440, 1.2160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 18.2400, -18.1110, 3.3370 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(3, 21, 44)` looks like.

```
.text, #text, p{  
    color:rgb(3, 21, 44)  
}
```

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(3, 21, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 21, 44) }
```

Border

The CSS property to change the border of an element to YIQ 18.2400, -18.1110, 3.3370 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(3, 21, 44) }
```


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

```
.border{ border-color:rgb(3, 21, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 21, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 21, 44); -webkit-box-shadow:4px  
4px 4px 4px rgb(3, 21, 44); box-shadow:4px  
4px 4px 4px rgb(3, 21, 44) }
```

Background

The CSS property to change the background color of an element to YIQ 18.2400, -18.1110, 3.3370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 21, 44) }
```

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

```
.background{ background-color: rgb(3, 21,  
44) }
```

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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