

Converting Colors

YIQ(30.4000, -24.0730, 12.2710)

Have a look what the booklet for
YIQ(30.4000, -24.0730, 12.2710)
contains.

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Color

**YIQ(30.4000, -24.0730,
12.2710)**

Conversions

Conversions Part 1

Format	Color
Hex	0F1D4E
RGB	15, 29, 78
RGB Percent	6%, 11%, 31%
CMY	0.9412, 0.8863, 0.6943
CMYK	0.81, 0.63, 0.00, 0.69
HSL	227°, 68%, 18%
HSV	227°, 81%, 31%
XYZ	2.0104, 1.5301, 7.3907
YIQ	30.4000, -24.0730, 12.2710

Conversions

Conversions Part 2

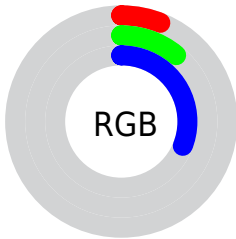
Format	Color
R_{YB}	15, 26, 78
Decimal	990542
CIE _{Lab}	12.80, 14.15, -31.93
CIE _{LCh}	13, 34.925, 293.895
Yxy	1.5301, 0.1839, 0.1400
Android (android.graphics.Color)	4279180622 (0xFF0F1D4E)
YUV	30.4000, 23.4668, -13.5058
Hunter-Lab	12.3699, 7.3635, -26.7654

Details

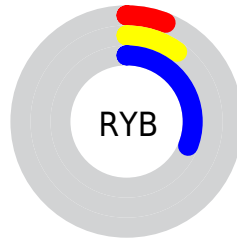
The YIQ color **30.4000, -24.0730, 12.2710** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **62.6000, 24.0730, -12.2710**, and the grayscale version is **30.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **77.1880, -20.3600, 16.5680**, and **4.9360, -11.1430, 9.2170** is the 20% darker color. If you saturate the color by 10%, you get **24.4860, -27.1910, 13.7130**, and if you desaturate by 10%, it is **36.3140, -20.9550, 10.8290**.

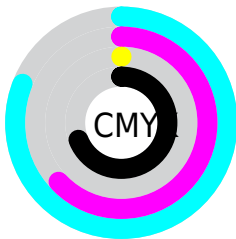
Distribution



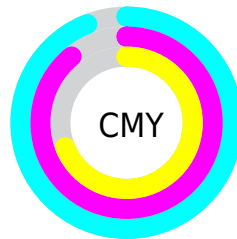
- Red (6%)
- Green (11%)
- Blue (31%)



- Red (6%)
- Yellow (10%)
- Blue (31%)



- Cyan (81%)
- Magenta (63%)
- Yellow (0%)
- Black (69%)



- Cyan (94%)
- Magenta (89%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 30.4000, -24.0730, 12.2710 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 30.4000, -24.0730, 12.2710 by changing the saturation by 10% instead.

■ 30.4000, -24.0730,
12.2710

■ 30.4000, -24.0730,
12.2710

■ 255.0000, -0.0000,
-0.0000

■ 8.6180, -18.7550,
15.0130

■ 77.1880, -20.3600,
16.5680

■ 4.9360, -11.1430,
9.2170

■ 102.0140,
-19.8100, 17.6140

■ 0.6840, -1.9260,
1.8660

■ 127.5410,
-19.8560, 18.4480

■ 0.0000, 0.0000,
0.0000

■ 153.1820,
-20.2230, 19.5930

■ 180.5950,
-19.9480, 20.1160

■ 206.8680,

-16.4630, 17.5290

■ 231.6760, -7.4750,
8.8210

■ 30.4000, -24.0730,
12.2710

■ 30.4000, -24.0730,
12.2710

■ 24.4860, -27.1910,
13.7130

■ 36.3140, -20.9550,
10.8290

■ 18.8710, -29.7130,
15.3670

■ 42.2280, -17.8370,
9.3870

■ 47.8430, -15.3150,
7.7330

■ 53.7570, -12.1970,
6.2910

■ 59.6710, -9.0790,
4.8490

■ 65.5850, -5.9610,
3.4070

■ 71.4990, -2.8430,
1.9650

■ 77.7010, -0.5960,
-0.2120

■ 83.6150, 2.5220,
-1.6540

Harmonies

Analogous

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



31.6540, -36.7720, 5.6280



30.4000, -24.0730, 12.2710



32.6170, 9.3490, 23.3090

Triad

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



30.4000, -24.0730, 12.2710



30.2890, 32.9190, 3.6310



28.3190, -20.4920, -14.0920

Complementary

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



30.4000, -24.0730, 12.2710



62.6000, 24.0730, -12.2710

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



30.4000, -24.0730, 12.2710



31.6630, 19.7620, -5.7260

Square

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



30.4000, -24.0730, 12.2710



25.1840, 38.1890, 18.2610



28.8950, 4.1290, -14.2630



31.7560, -28.7920, -6.8400

Rectangle

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



30.4000, -24.0730, 12.2710



27.7500, 25.2120, 27.6760



28.8950, 4.1290, -14.2630



27.4070, -17.9240, -16.5800

Sweetspot

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



30.4000, -24.0730, 12.2710



83.6710, -9.0790, 4.8490



57.4530, -32.7330, -18.0210



39.4710, -5.6400, 3.0960



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.



30.4000, -24.0730, 12.2710



27.2000, -37.8290, 19.2830



27.2650, -10.0910, 23.1970



35.0430, -1.5590, 0.7210



25.1290, -39.0670, 19.6930



56.1570, -87.8550, 44.8570

Inverse Universe

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



35.4330, 33.0540, 17.7100



35.1090, 51.9420, 27.8300



65.7350, 10.0910, -23.1970



35.3100, 2.0630, 1.1590



33.1200, 53.4090, 28.7770



74.5840, 120.7090, 64.6210

Previews

White Background



This preview shows how the YIQ color 30.4000, -24.0730, 12.2710 looks on a white background.

Color Contrast Check

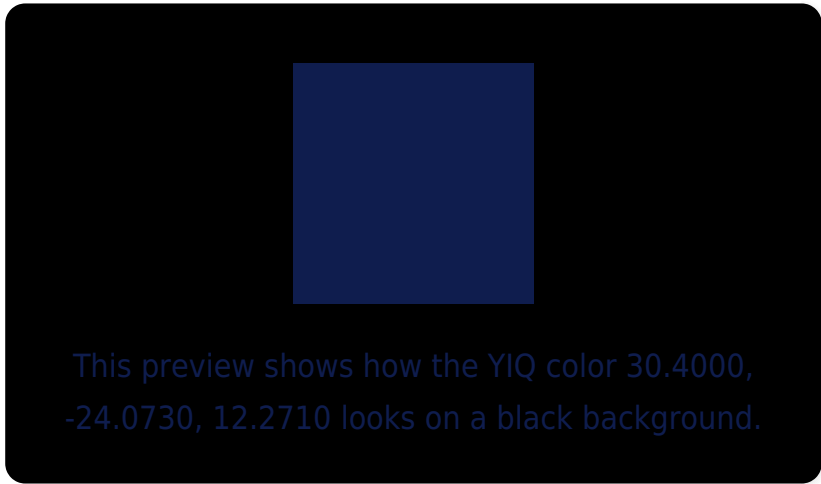
Large Text (above 18pt) WCAG AA ✓ Pass

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

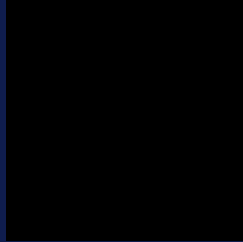
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 30.4000, -24.0730, 12.2710

Background



This preview shows how black text looks on a background with the YIQ color 30.4000, -24.0730, 12.2710.



This preview shows how white text looks on a background with the YIQ color 30.4000, -24.0730,

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

30.4000, -24.0730, 12.2710

Protanopia

27.2370, -31.2240, 4.2000

Deuteranopia

27.2710, -28.5640, 0.0440



Tritanopia

26.8660, -23.2900, -7.4340

Trichromacy



Original Color

30.4000, -24.0730, 12.2710

Protanomaly

28.4870, -28.9320, 6.7160

Deuteranomaly

28.3900, -27.2810, 4.3270

Tritanomaly

28.1960, -23.9790, -0.4510

Monochromacy



Original Color

30.4000, -24.0730, 12.2710

Achromatopsia

30.0000, -0.0000, -0.0000

Achromatomaly

30.4430, -8.4370, 4.2270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 30.4000, -24.0730, 12.2710 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(15, 29, 78)` looks like.

```
.text, #text, p{  
    color:rgb(15, 29, 78)  
}
```

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(15, 29, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 29, 78) }
```

Border

The CSS property to change the border of an element to YIQ 30.4000, -24.0730, 12.2710 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(15, 29, 78) }
```


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

```
.border{ border-color:rgb(15, 29, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 29, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 29, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 29, 78);  
box-shadow:4px 4px 4px 4px rgb(15, 29, 78)  
}
```

Background

The CSS property to change the background color of an element to YIQ 30.4000, -24.0730, 12.2710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 29, 78) }
```

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

```
.background{ background-color: rgb(15, 29,  
78) }
```

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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