

Converting Colors

YIQ(24.4740, -44.1120, 28.5280)

Have a look what the booklet for
YIQ(24.4740, -44.1120, 28.5280)
contains.

YIQ(24.4740, -44.1120, 28.5280)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(24.4740, -44.1120,
28.5280)**

Conversions

Conversions Part 1

Format	Color
Hex	00127A
RGB	0, 18, 122
RGB Percent	0%, 7%, 48%
CMY	0.9999, 0.9294, 0.5218
CMYK	1.00, 0.85, 0.00, 0.52
HSL	231°, 100%, 24%
HSV	231°, 100%, 48%
XYZ	3.7253, 1.8364, 18.5493
YIQ	24.4740, -44.1120, 28.5280

Conversions

Conversions Part 2

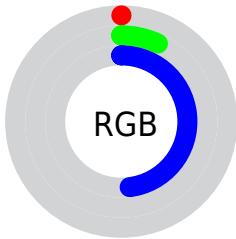
Format	Color
RYB	0, 16, 122
Decimal	4730
CIELab	14.60, 37.93, -58.11
CIElCh	15, 69.388, 303.134
Yxy	1.8364, 0.1545, 0.0762
Android (android.graphics.Color)	4278194810 (0xFF00127A)
YUV	24.4740, 48.0803, -21.4637
Hunter-Lab	13.5515, 25.3547, -71.6702

Details

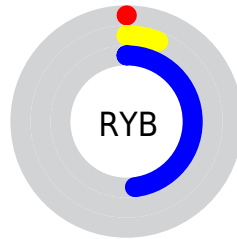
The YIQ color **24.4740, -44.1120, 28.5280** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **97.5260, 44.1120, -28.5280**, and the grayscale version is **24.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **80.6660, -26.7370, 38.5350**, and **8.2080, -23.1120, 22.3920** is the 20% darker color. If you saturate the color by 10%, you get **24.4740, -44.1120, 28.5280**, and if you desaturate by 10%, it is **33.9320, -39.7100, 25.8420**.

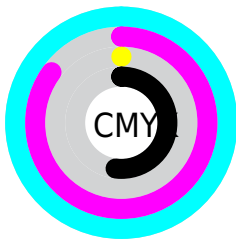
Distribution



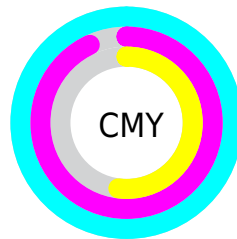
- Red (0%)
- Green (7%)
- Blue (48%)



- Red (0%)
- Yellow (6%)
- Blue (48%)



- Cyan (100%)
- Magenta (85%)
- Yellow (0%)
- Black (52%)



- Cyan (100%)
- Magenta (93%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 24.4740, -44.1120, 28.5280 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 24.4740, -44.1120, 28.5280 by changing the saturation by 10% instead.

■ 24.4740, -44.1120,
28.5280

■ 24.4740, -44.1120,
28.5280

■ 250.8910, 1.9250,
3.6610

■ 10.9440, -30.8160,
29.8560

■ 80.6660, -26.7370,
38.5350

■ 8.2080, -23.1120,
22.3920

■ 106.6170,
-25.0410, 40.8390

■ 7.8200, -16.5080,
12.8360

■ 132.2690,
-23.9410, 42.9310

■ 3.5510, -8.6210,
7.5630

■ 158.8240,
-21.1900, 42.6340

■ 0.0000, 0.0000,
0.0000

■ 183.3440,
-11.3310, 34.6610

■ 207.8640, -1.4720,

26.6880

■ 233.2700, 8.7080,
18.4040

■ 24.4740, -44.1120,
28.5280

■ 33.9320, -39.7100,
25.8420

■ 43.9770, -35.5830,
22.6330

■ 53.7340, -30.5850,
20.1590

■ 63.7790, -26.4580,
16.9500

■ 73.2370, -22.0560,
14.2640

■ 82.6950, -17.6540,
11.5780

■ 92.7400, -13.5270,
8.3690

■ 102.4970, -8.5290,
5.8950

■ 112.5420, -4.4020,
2.6860

Harmonies

Analogous

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



42.2610, -56.9940, 19.6940



24.4740, -44.1120, 28.5280



37.4540, 29.7020, 45.4300

Triad

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



24.4740, -44.1120, 28.5280



28.3170, 44.8840, 12.5640



35.7850, -27.7360, -14.9680

Complementary

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



24.4740, -44.1120, 28.5280



97.5260, 44.1120, -28.5280

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.



30.5240, -14.3000, -27.1960



24.4740, -44.1120, 28.5280



34.8640, 14.5820, -10.9700

Square

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



24.4740, -44.1120, 28.5280



31.3950, 62.5800, 22.2600



27.5890, -12.9250, -24.5810



42.0720, -44.0610, 0.0590

Rectangle

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



24.4740, -44.1120, 28.5280



38.5900, 49.5100, 38.8700



27.5890, -12.9250, -24.5810



33.2600, -22.0040, -19.7320

Sweetspot

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



24.4740, -44.1120, 28.5280



120.4670, -17.0120, 10.9560



83.4700, -66.9340, -31.4620



56.5400, -10.0880, 6.6160



207.0000, 0.0000, -0.0000



79.0000, -0.0000, 0.0000

Same Dimension

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



24.4740, -44.1120, 28.5280



31.5130, -57.0430, 37.1090



26.7650, -13.5340, 47.0580



56.2710, -2.2010, 1.3430



24.8160, -45.0750, 29.4610



50.4470, -91.0670, 59.0210

Inverse Universe

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



38.5300, 66.9340, 31.4620



49.8640, 86.7850, 40.6490



95.2350, 13.5340, -47.0580



56.9080, 3.2550, 1.5830



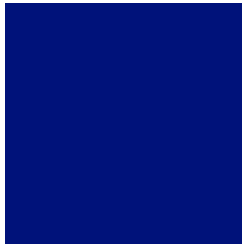
39.4270, 68.7220, 32.0980



79.5660, 138.3150, 64.9310

Previews

White Background



This preview shows how the YIQ color 24.4740, -44.1120, 28.5280 looks on a white background.

Color Contrast Check

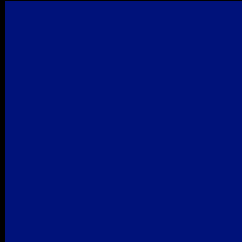
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YIQ color 24.4740, -44.1120, 28.5280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

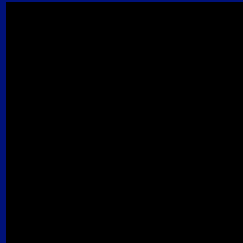
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 24.4740, -44.1120, 28.5280

Background



This preview shows how black text looks on a background with the YIQ color 24.4740, -44.1120, 28.5280.



This preview shows how white text looks on a background with the YIQ color 24.4740, -44.1120,

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

24.4740, -44.1120, 28.5280

Protanopia

31.4260, -36.1300, 5.0060

Deuteranopia

31.1180, -32.5070, -0.0830



Tritanopia

31.0720, -26.8660, -8.7060

Trichromacy



Original Color

24.4740, -44.1120, 28.5280

Protanomaly

29.0270, -39.0200, 13.3320

Deuteranomaly

28.7020, -36.7270, 10.3210

Tritanomaly

28.9810, -33.3790, 4.7090

Monochromacy



Original Color

24.4740, -44.1120, 28.5280

Achromatopsia

24.0000, -0.0000, 0.0000

Achromatomaly

24.2390, -16.3700, 10.3340

CSS Examples

Text

The CSS property to change the color of the text to YIQ 24.4740, -44.1120, 28.5280 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(0, 18, 122)` looks like.

```
.text, #text, p{  
    color:rgb(0, 18, 122)  
}
```

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(0, 18, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 18, 122) }
```

Border

The CSS property to change the border of an element to YIQ 24.4740, -44.1120, 28.5280 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(0, 18, 122) }
```


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

```
.border{ border-color:rgb(0, 18, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 18, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 18, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 18, 122);  
box-shadow:4px 4px 4px 4px rgb(0, 18, 122)  
}
```

Background

The CSS property to change the background color of an element to YIQ 24.4740, -44.1120, 28.5280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 18, 122) }
```

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

```
.background{ background-color: rgb(0, 18,  
122) }
```

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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