

Converting Colors

YIQ(48.8260, -25.8130, -0.2530)

Have a look what the booklet for
YIQ(48.8260, -25.8130, -0.2530)
contains.

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Color

**YIQ(48.8260, -25.8130,
-0.2530)**

Conversions

Conversions Part 1	
Format	Color
Hex	18384D
RGB	24, 56, 77
RGB Percent	9%, 22%, 30%
CMY	0.9059, 0.7803, 0.6982
CMYK	0.69, 0.27, 0.00, 0.70
HSL	204°, 52%, 20%
HSV	204°, 69%, 30%
XYZ	3.1296, 3.5590, 7.5376
YIQ	48.8260, -25.8130, -0.2530

Conversions

Conversions Part 2

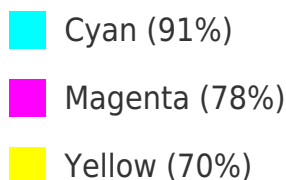
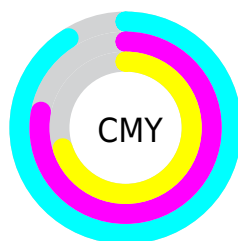
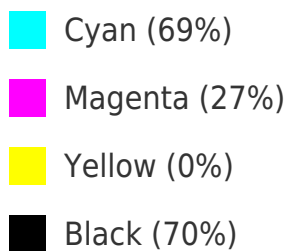
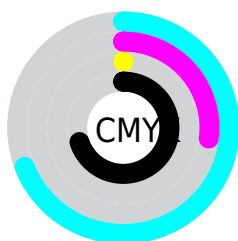
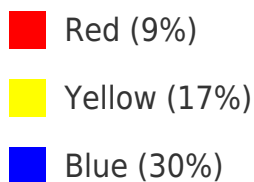
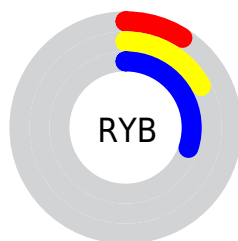
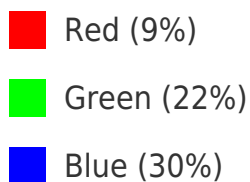
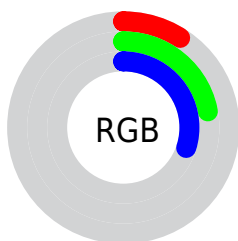
Format	Color
RYB	24, 44, 77
Decimal	1587277
CIELab	22.16, -4.21, -16.33
CIELCh	22, 16.868, 255.549
Yxy	3.5590, 0.2200, 0.2502
Android (android.graphics.Color)	4279777357 (0xFF18384D)
YUV	48.8260, 13.8898, -21.7724
Hunter-Lab	18.8654, -3.4028, -10.4832

Details

The YIQ color **48.8260, -25.8130, -0.2530** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **52.1740, 25.8130, 0.2530**, and the grayscale version is **49.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **96.9510, -24.6670, 1.0050**, and **11.3930, -14.1680, 3.4640** is the 20% darker color. If you saturate the color by 10%, you get **44.6730, -29.7560, -0.3800**, and if you desaturate by 10%, it is **52.9790, -21.8700, -0.1260**.

Distribution





Brightness & Saturation


Gradients


These gradients show how the YIQ color 48.8260, -25.8130, -0.2530 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 48.8260, -25.8130, -0.2530 by changing the saturation by 10% instead.


 48.8260, -25.8130,
-0.2530


 48.8260, -25.8130,
-0.2530


 255.0000, -0.0000,
-0.0000

 26.7010, -26.9590,
-1.5110


 96.9510, -24.6670,
1.0050


 11.3930, -14.1680,
3.4640


 122.0650,
-24.9880, 1.3160

 0.7980, -2.2470,
2.1770

 147.8800,
-25.9050, 1.4150

 0.0000, 0.0000,
0.0000


 174.8800,
-25.9050, 1.4150


 202.1080,
-26.5470, 2.0370


 229.1960,


-23.9790, -0.4510


 249.0200,
-11.9200, -4.2400


 48.8260, -25.8130,
-0.2530


 48.8260, -25.8130,
-0.2530


 44.6730, -29.7560,
-0.3800


 52.9790, -21.8700,
-0.1260


 40.8190, -33.1030,
-0.2950


 56.8330, -18.5230,
-0.2110

 36.6660, -37.0460,
-0.4220

 60.9860, -14.5800,
-0.0840

 36.3670, -37.6420,
-0.6340

 65.1390, -10.6370,
0.0430

 68.9930, -7.2900,
-0.0420

■ 73.1460, -3.3470,
0.0850

■ 77.2990, 0.5960,
0.2120

■ 81.4520, 4.5390,
0.3390

■ 85.3060, 7.8860,
0.2540

Harmonies

Analogous

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



43.5100, -36.9070, -8.4510



48.8260, -25.8130, -0.2530



52.7570, -12.1970, 6.2910

Triad

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



48.8260, -25.8130, -0.2530



53.6220, 18.9800, 8.4520



49.7080, -2.4740, -10.2340

Complementary

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



48.8260, -25.8130, -0.2530



52.1740, 25.8130, 0.2530

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.



51.4490, 8.6210, -7.5630



48.8260, -25.8130, -0.2530



53.5310, 20.4940, 3.0380

Square

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



48.8260, -25.8130, -0.2530



54.7940, 12.7440, 11.3360



52.6890, 16.8730, -2.9270



47.3520, -16.0910, -11.2510

Rectangle

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



48.8260, -25.8130, -0.2530



54.1280, -2.9360, 9.1600



52.6890, 16.8730, -2.9270



50.8610, 1.4690, -10.1070

Sweetspot

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



48.8260, -25.8130, -0.2530



88.3240, -9.7200, -0.0560



57.3910, -20.9950, -21.4990



44.1780, -6.3730, -0.1410



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.



48.8260, -25.8130, -0.2530



55.6980, -40.0720, -0.6480



33.5640, -18.6630, 13.3450



36.2170, -2.1090, -0.3250



48.0220, -49.7920, -0.7040



107.8130, -112.0550, -1.1670

Inverse Universe

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



43.4950, 21.3160, 21.1880



47.2180, 32.8220, 32.9340



67.4360, 18.6630, -13.3450



35.5380, 1.4210, 1.7810



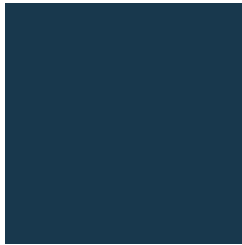
37.5660, 40.8900, 40.9060



84.6160, 92.4610, 91.9890

Previews

White Background



This preview shows how the YIQ color 48.8260, -25.8130, -0.2530 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 48.8260, -25.8130, -0.2530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

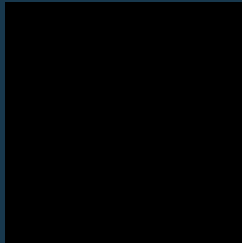
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

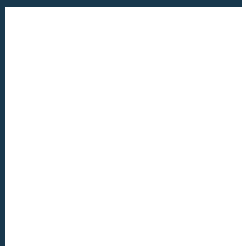
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 48.8260, -25.8130, -0.2530

Background



This preview shows how black text looks on a background with the YIQ color 48.8260, -25.8130, -0.2530.



This preview shows how white text looks on a background with the YIQ color 48.8260, -25.8130,

-0.2530.

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

48.8260, -25.8130, -0.2530

Protanopia

52.7140, -10.6380, 5.5700

Deuteranopia

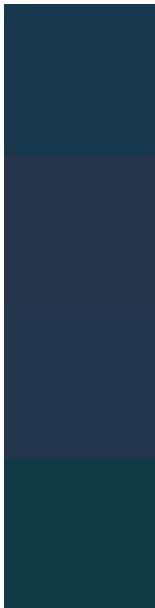
52.8600, -13.9850, 5.6550



Tritanopia

46.3000, -27.5080, -8.0840

Trichromacy



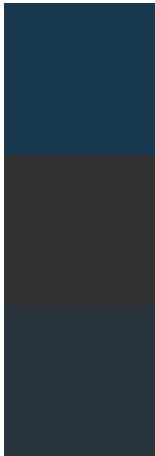
Original Color
48.8260, -25.8130, -0.2530

Protanomaly
51.0230, -16.0020, 3.6620

Deuteranomaly
51.3540, -18.4320, 3.6480

Tritanomaly
47.1800, -27.0500, -5.3700

Monochromacy



Original Color
48.8260, -25.8130, -0.2530

Achromatopsia
49.0000, -0.0000, -0.0000

Achromatomaly
49.2100, -9.3990, -0.3670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 48.8260, -25.8130, -0.2530 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(24, 56, 77)` looks like.

```
.text, #text, p{  
    color:rgb(24, 56, 77)  
}
```

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(24, 56, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 56, 77) }
```

Border

The CSS property to change the border of an element to YIQ 48.8260, -25.8130, -0.2530 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(24, 56, 77) }
```


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

```
.border{ border-color:rgb(24, 56, 77) }
```

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

Here you see how a box with a 4 pixel rgb(24, 56, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 56, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 56, 77);  
box-shadow:4px 4px 4px 4px rgb(24, 56, 77)  
}
```

Background

The CSS property to change the background color of an element to YIQ 48.8260, -25.8130, -0.2530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 56, 77) }
```

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

```
.background{ background-color: rgb(24, 56,  
77) }
```

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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