

Converting Colors

YIQ(78.8740, -25.7680, 4.4400)

Have a look what the booklet for
YIQ(78.8740, -25.7680, 4.4400)
contains.

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Color

**YIQ(78.8740, -25.7680,
4.4400)**

Conversions

Conversions Part 1

Format	Color
Hex	395373
RGB	57, 83, 115
RGB Percent	22%, 33%, 45%
CMY	0.7765, 0.6745, 0.5491
CMYK	0.50, 0.28, 0.00, 0.55
HSL	213°, 34%, 34%
HSV	213°, 50%, 45%
XYZ	7.8735, 8.2948, 17.3960
YIQ	78.8740, -25.7680, 4.4400

Conversions

Conversions Part 2

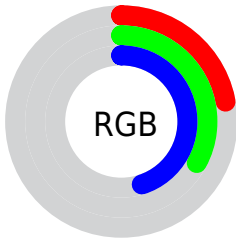
Format	Color
RYB	57, 75, 115
Decimal	3756915
CIELab	34.59, -0.10, -21.30
CIELCh	35, 21.301, 269.740
Yxy	8.2948, 0.2346, 0.2471
Android (android.graphics.Color)	4281946995 (0xFF395373)
YUV	78.8740, 17.8101, -19.1835
Hunter-Lab	28.8007, -1.6032, -15.6514

Details

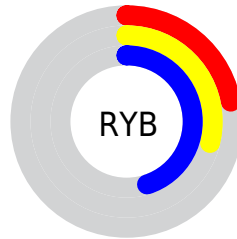
The YIQ color **78.8740, -25.7680, 4.4400** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **93.1260, 25.7680, -4.4400**, and the grayscale version is **79.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **128.8140, -25.5390, 5.7970**, and **30.5420, -30.7650, 1.3870** is the 20% darker color. If you saturate the color by 10%, you get **71.7640, -31.2700, 5.0340**, and if you desaturate by 10%, it is **85.6850, -20.8620, 3.6340**.

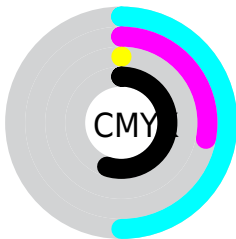
Distribution



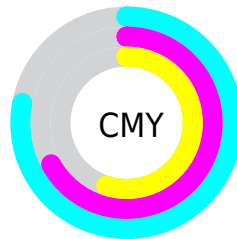
- Red (22%)
- Green (33%)
- Blue (45%)



- Red (22%)
- Yellow (29%)
- Blue (45%)



- Cyan (50%)
- Magenta (28%)
- Yellow (0%)
- Black (55%)



- Cyan (78%)
- Magenta (67%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 78.8740, -25.7680, 4.4400 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 78.8740, -25.7680, 4.4400 by changing the saturation by 10% instead.

■ 78.8740, -25.7680,
4.4400

■ 78.8740, -25.7680,
4.4400

■ 255.0000, -0.0000,
-0.0000

■ 55.0480, -26.3180,
3.3940

■ 128.8140,
-25.5390, 5.7970

■ 31.1290, -31.0400,
0.8640

■ 154.9280,
-25.8600, 6.1080

■ 15.5820, -19.0740,
4.2700

■ 182.0420,
-26.1810, 6.4190

■ 3.2090, -7.6580,
6.6300

■ 209.8570,
-27.0980, 6.5180

■ 0.0000, 0.0000,
0.0000

■ 235.1210,
-19.3940, -0.9460

■ 252.0100, -5.9600,

-2.1200

■ 78.8740, -25.7680,
4.4400

■ 78.8740, -25.7680,
4.4400

■ 71.7640, -31.2700,
5.0340

■ 85.6850, -20.8620,
3.6340

■ 64.3660, -35.9010,
6.3630

■ 93.3820, -15.6350,
2.5170

■ 57.5550, -40.8070,
7.1690

■ 100.1930,
-10.7290, 1.7110

■ 50.4450, -46.3090,
7.7630

■ 107.3030, -5.2270,
1.1170

■ 43.6340, -51.2150,
8.5690

■ 114.7010, -0.5960,
-0.2120

■ 121.8110, 4.9060,
-0.8060

■ 128.6220, 9.8120,
-1.6120

■ 136.3190, 15.0390,
-2.7290

■ 143.1300, 19.9450,
-3.5350

Harmonies

Analogous

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



72.8670, -42.2260, -5.6660



78.8740, -25.7680, 4.4400



82.6700, -7.3380, 11.8460

Triad

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



78.8740, -25.7680, 4.4400



82.5860, 27.8290, 7.7730



75.9840, -12.2390, -14.9830

Complementary

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



78.8740, -25.7680, 4.4400



93.1260, 25.7680, -4.4400

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.



78.1340, 4.9540, -12.6940



78.8740, -25.7680, 4.4400



81.1740, 25.8130, 0.2530

Square

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



78.8740, -25.7680, 4.4400



83.0510, 22.3260, 13.8940



80.1250, 18.3410, -7.5070



71.9310, -31.0830, -14.8830

Rectangle

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



78.8740, -25.7680, 4.4400



83.5960, 4.6740, 14.4180



80.1250, 18.3410, -7.5070



76.9200, -6.1870, -14.5310

Sweetspot

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



78.8740, -25.7680, 4.4400



136.3780, -9.8120, 1.6120



94.6940, -26.2220, -20.3820



68.1180, -6.1440, 1.2160



204.0000, -0.0000, -0.0000



77.0000, -0.0000, -0.0000

Same Dimension

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



78.8740, -25.7680, 4.4400



93.4410, -40.4860, 6.8580



64.5090, -16.8300, 18.6740



54.8580, -2.4760, 0.8200



46.1930, -54.2870, 9.1770



94.2440, -111.0500, 19.1740

Inverse Universe

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



77.3060, 26.2220, 20.3820



90.8830, 41.0750, 32.0430



107.4910, 16.8300, -18.6740



55.0220, 2.9340, 1.8940



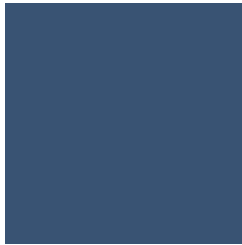
42.7480, 55.0570, 42.9690



87.5180, 113.0480, 87.8320

Previews

White Background



This preview shows how the YIQ color 78.8740, -25.7680, 4.4400 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 78.8740, -25.7680, 4.4400 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

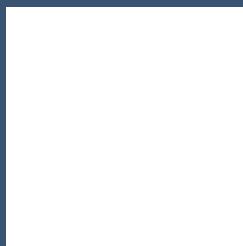
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 78.8740, -25.7680, 4.4400

Background



This preview shows how black text looks on a background with the YIQ color 78.8740, -25.7680, 4.4400.

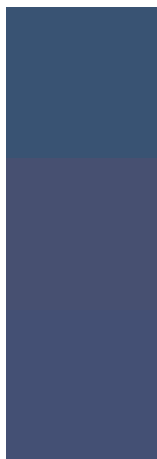


This preview shows how white text looks on a background with the YIQ color 78.8740, -25.7680,

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

78.8740, -25.7680, 4.4400

Protanopia

81.0710, -15.9570, 8.3550

Deuteranopia

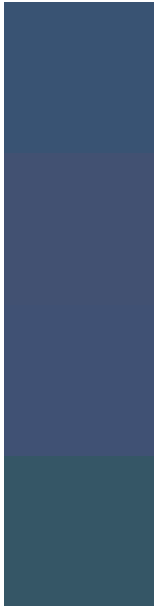
80.5160, -18.7080, 8.6520



Tritanopia

76.7350, -24.2990, -5.6670

Trichromacy



Original Color

78.8740, -25.7680, 4.4400

Protanomaly

80.2770, -19.5330, 7.0830

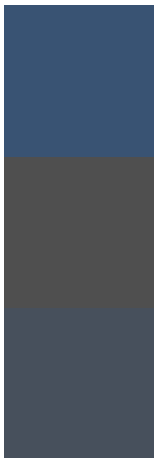
Deuteranomaly

79.9070, -21.3670, 7.2810

Tritanomaly

77.9570, -24.8040, -2.0200

Monochromacy



Original Color

78.8740, -25.7680, 4.4400

Achromatopsia

79.0000, -0.0000, 0.0000

Achromatomaly

78.6770, -9.2160, 1.8240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 78.8740, -25.7680, 4.4400 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(57, 83, 115)` looks like.

```
.text, #text, p{  
    color:rgb(57, 83, 115)  
}
```

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(57, 83, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 83, 115) }
```

Border

The CSS property to change the border of an element to YIQ 78.8740, -25.7680, 4.4400 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(57, 83, 115) }
```


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

```
.border{ border-color:rgb(57, 83, 115) }
```

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

Here you see how a box with a 4 pixel rgb(57, 83, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 83, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 83, 115);  
box-shadow:4px 4px 4px 4px rgb(57, 83,  
115) }
```

Background

The CSS property to change the background color of an element to YIQ 78.8740, -25.7680, 4.4400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 83, 115) }
```

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

```
.background{ background-color: rgb(57, 83,  
115) }
```

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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