

Converting Colors

YIQ(82.4880, -30.6730, -0.2810)

Have a look what the booklet for
YIQ(82.4880, -30.6730, -0.2810)
contains.

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Color

**YIQ(82.4880, -30.6730,
-0.2810)**

Conversions

Conversions Part 1

Format	Color
Hex	355B74
RGB	53, 91, 116
RGB Percent	21%, 36%, 45%
CMY	0.7922, 0.6431, 0.5452
CMYK	0.54, 0.22, 0.00, 0.55
HSL	204°, 37%, 33%
HSV	204°, 54%, 45%
XYZ	8.3599, 9.5014, 17.9054
YIQ	82.4880, -30.6730, -0.2810

Conversions

Conversions Part 2

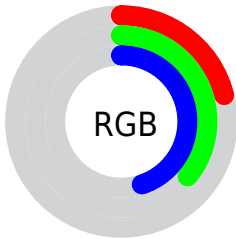
Format	Color
RYB	53, 77, 116
Decimal	3496820
CIELab	36.93, -5.80, -18.31
CIElCh	37, 19.206, 252.437
Yxy	9.5014, 0.2337, 0.2656
Android (android.graphics.Color)	4281686900 (0xFF355B74)
YUV	82.4880, 16.5214, -25.8610
Hunter-Lab	30.8243, -5.5312, -12.8636

Details

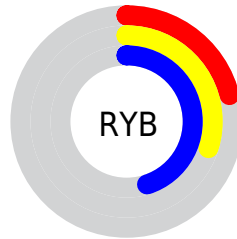
The YIQ color **82.4880, -30.6730, -0.2810** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **86.5120, 30.6730, 0.2810**, and the grayscale version is **82.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **133.0150, -30.7190, 0.5530**, and **34.1670, -34.2030, -2.3870** is the 20% darker color. If you saturate the color by 10%, you get **75.9650, -36.4500, -0.2100**, and if you desaturate by 10%, it is **89.0110, -24.8960, -0.3520**.

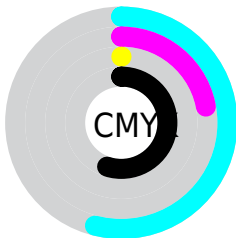
Distribution



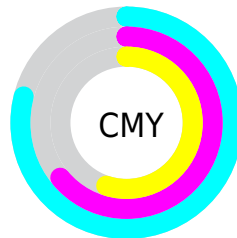
- Red (21%)
- Green (36%)
- Blue (45%)



- Red (21%)
- Yellow (30%)
- Blue (45%)



- Cyan (54%)
- Magenta (22%)
- Yellow (0%)
- Black (55%)



- Cyan (79%)
- Magenta (64%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 82.4880, -30.6730, -0.2810 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 82.4880, -30.6730, -0.2810 by changing the saturation by 10% instead.

■ 82.4880, -30.6730,
-0.2810

■ 82.4880, -30.6730,
-0.2810

■ 255.0000, -0.0000,
-0.0000

■ 58.0640, -32.4150,
-1.7510

■ 133.0150,
-30.7190, 0.5530

■ 34.1670, -34.2030,
-2.3870

■ 159.4280,
-30.4440, 1.0760

■ 19.8050, -21.3200,
0.9200

■ 186.8300,
-31.6360, 0.6520

■ 3.4370, -8.3000,
7.2520

■ 214.9440,
-31.9570, 0.9630

■ 0.0000, 0.0000,
0.0000

■ 240.0940,
-23.9320, -6.8120

■ 251.1130, -7.7480,

-2.7560

■ 82.4880, -30.6730,
-0.2810

■ 82.4880, -30.6730,
-0.2810

■ 75.9650, -36.4500,
-0.2100

■ 89.0110, -24.8960,
-0.3520

■ 70.3280, -41.9060,
-0.4500

■ 94.6480, -19.4400,
-0.1120

■ 63.8050, -47.6830,
-0.3790

■ 101.1710,
-13.6630, -0.1830

■ 58.1680, -53.1390,
-0.6190

■ 106.8080, -8.2070,
0.0570

■ 54.3140, -56.4860,
-0.5340

■ 113.3310, -2.4300,
-0.0140

■ 119.8540, 3.3470,
-0.0850

■ 125.4910, 8.8030,
0.1550

■ 132.0140, 14.5800,
0.0840

■ 137.6510, 20.0360,
0.3240

Harmonies

Analogous

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



78.4390, -38.1450, -8.0410



82.4880, -30.6730, -0.2810



86.5440, -15.9110, 7.5210

Triad

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



82.4880, -30.6730, -0.2810



88.5410, 23.7020, 10.9820



83.4260, -1.7400, -12.5240

Complementary

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



82.4880, -30.6730, -0.2810



86.5120, 30.6730, 0.2810

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.



85.2490, 12.0600, -9.3160



82.4880, -30.6730, -0.2810



87.8090, 25.5830, 4.4230

Square

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



82.4880, -30.6730, -0.2810



89.1580, 14.7150, 14.1630



87.0270, 21.7330, -2.8990



81.2870, -17.4660, -13.8660

Rectangle

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



82.4880, -30.6730, -0.2810



88.2250, -4.5870, 11.5490



87.0270, 21.7330, -2.8990



84.1770, 3.3950, -11.9730

Sweetspot

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



82.4880, -30.6730, -0.2810



137.5410, -11.8290, -0.3810



92.7170, -25.0290, -25.4850



68.9930, -7.2900, -0.0420



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.



82.4880, -30.6730, -0.2810



98.6910, -47.3620, -0.6900



64.2910, -22.1480, 15.9320



55.4450, -2.7510, 0.2970



57.3460, -59.5120, -0.7600



117.1370, -121.7750, -1.2230

Inverse Universe

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



76.1690, 25.3500, 25.1740



88.7290, 38.8730, 38.9130



104.7090, 22.1480, -15.9320



55.1360, 2.6130, 2.2050



44.9140, 48.9580, 48.8780



91.9640, 100.5290, 99.9610

Previews

White Background



This preview shows how the YIQ color 82.4880, -30.6730, -0.2810 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 82.4880, -30.6730, -0.2810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

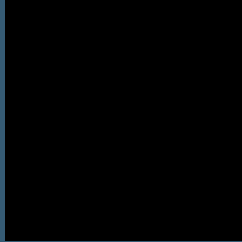
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 82.4880, -30.6730, -0.2810

Background



This preview shows how black text looks on a background with the YIQ color 82.4880, -30.6730, -0.2810.



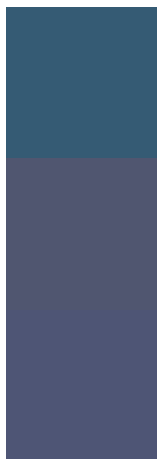
This preview shows how white text looks on a background with the YIQ color 82.4880, -30.6730,

-0.2810.

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

82.4880, -30.6730, -0.2810

Protanopia

87.1700, -11.9220, 6.8140

Deuteranopia

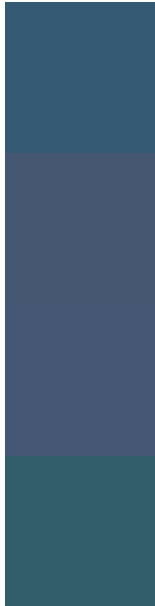
86.5550, -14.4440, 8.4680



Tritanopia

81.0440, -29.6630, -7.5750

Trichromacy



Original Color

82.4880, -30.6730, -0.2810

Protanomaly

85.4680, -18.7530, 3.9590

Deuteranomaly

85.0380, -20.3580, 5.5140

Tritanomaly

81.6250, -29.8010, -5.0730

Monochromacy



Original Color

82.4880, -30.6730, -0.2810

Achromatopsia

82.0000, 0.0000, -0.0000

Achromatomaly

81.8400, -11.2330, -0.1690

CSS Examples

Text

The CSS property to change the color of the text to YIQ 82.4880, -30.6730, -0.2810 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(53, 91, 116)` looks like.

```
.text, #text, p{  
    color:rgb(53, 91, 116)  
}
```

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(53, 91, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 91, 116) }
```

Border

The CSS property to change the border of an element to YIQ 82.4880, -30.6730, -0.2810 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(53, 91, 116) }
```


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

```
.border{ border-color:rgb(53, 91, 116) }
```

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

Here you see how a box with a 4 pixel rgb(53, 91, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 91, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 91, 116);  
box-shadow:4px 4px 4px 4px rgb(53, 91,  
116) }
```

Background

The CSS property to change the background color of an element to YIQ 82.4880, -30.6730, -0.2810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 91, 116) }
```

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

```
.background{ background-color: rgb(53, 91,  
116) }
```

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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