

Converting Colors

YIQ(93.1870, -46.1230, -6.6270)

Have a look what the booklet for
YIQ(93.1870, -46.1230, -6.6270)
contains.

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Color

**YIQ(93.1870, -46.1230,
-6.6270)**

Conversions

Conversions Part 1

Format	Color
Hex	2D6E85
RGB	45, 110, 133
RGB Percent	18%, 43%, 52%
CMY	0.8237, 0.5685, 0.4786
CMYK	0.66, 0.17, 0.00, 0.48
HSL	196°, 49%, 35%
HSV	196°, 66%, 52%
XYZ	10.8896, 13.4069, 24.1856
YIQ	93.1870, -46.1230, -6.6270

Conversions

Conversions Part 2

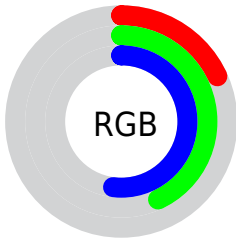
Format	Color
R_{YB}	45, 82, 133
Decimal	2977413
CIE _{Lab}	43.37, -13.06, -18.76
CIE _{LCh}	43, 22.860, 235.156
Yxy	13.4069, 0.2246, 0.2765
Android (android.graphics.Color)	4281167493 (0xFF2D6E85)
YUV	93.1870, 19.6278, -42.2600
Hunter-Lab	36.6154, -10.9902, -13.5321

Details

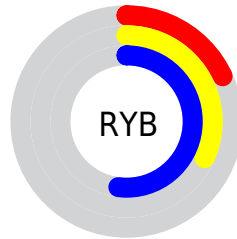
The YIQ color **93.1870, -46.1230, -6.6270** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **84.8130, 46.1230, 6.6270**, and the grayscale version is **93.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **146.4970, -44.0600, -5.4680**, and **45.8560, -43.6930, -6.6130** is the 20% darker color. If you saturate the color by 10%, you get **87.5390, -53.0460, -7.8140**, and if you desaturate by 10%, it is **98.8350, -39.2000, -5.4400**.

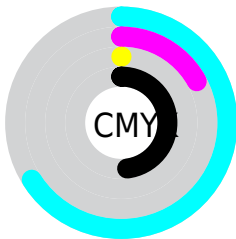
Distribution



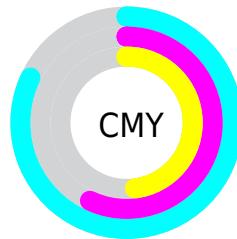
- Red (18%)
- Green (43%)
- Blue (52%)



- Red (18%)
- Yellow (32%)
- Blue (52%)



- Cyan (66%)
- Magenta (17%)
- Yellow (0%)
- Black (48%)



- Cyan (82%)
- Magenta (57%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 93.1870, -46.1230, -6.6270 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 93.1870, -46.1230, -6.6270 by changing the saturation by 10% instead.

■ 93.1870, -46.1230,
-6.6270

■ 93.1870, -46.1230,
-6.6270

■ 255.0000, -0.0000,
-0.0000

■ 64.5880, -54.7420,
-10.1180

■ 146.4970,
-44.0600, -5.4680

■ 45.8560, -43.6930,
-6.6130

■ 173.6110,
-44.3810, -5.1570

■ 30.3200, -30.2600,
-2.2600

■ 201.6110,
-44.3810, -5.1570

■ 16.6590, -17.9730,
0.8350

■ 227.9010,
-39.5660, -9.8220

■ 2.5250, -5.7320,
4.7640

■ 242.4420,
-25.0320, -8.9040

■ 0.0000, 0.0000,
0.0000

■ 251.1130, -7.7480,

-2.7560

■ 93.1870, -46.1230,
-6.6270

■ 93.1870, -46.1230,
-6.6270

■ 87.5390, -53.0460,
-7.8140

■ 98.8350, -39.2000,
-5.4400

■ 81.0050, -60.2900,
-8.6900

■ 105.3690,
-31.9560, -4.5640

■ 75.3570, -67.2130,
-9.8770

■ 111.0170,
-25.0330, -3.3770

■ 72.6880, -69.6430,
-9.8910

■ 117.2520,
-18.3850, -2.7130

■ 122.9000,
-11.4620, -1.5260

■ 129.4340, -4.2180,
-0.6500

■ 135.0820, 2.7050,
0.5370

■ 141.3170, 9.3530,
1.2010

■ 147.2640, 16.8720,
2.6000

Harmonies

Analogous

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



90.5580, -46.0300, -13.8220



93.1870, -46.1230, -6.6270



99.1230, -30.9030, 3.8890

Triad

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



93.1870, -46.1230, -6.6270



104.7030, 23.4260, 15.9860



99.5750, 8.0260, -13.3020

Complementary

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



93.1870, -46.1230, -6.6270



84.8130, 46.1230, 6.6270

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.



101.3920, 21.9630, -7.0690



93.1870, -46.1230, -6.6270



104.0210, 31.0380, 10.1900

Square

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



93.1870, -46.1230, -6.6270



105.2160, 8.8000, 16.7360



103.1530, 30.3060, 1.4260



96.7130, -10.0380, -16.3260

Rectangle

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



93.1870, -46.1230, -6.6270



102.3420, -18.1580, 9.6980



103.1530, 30.3060, 1.4260



100.2660, 13.3900, -11.3940

Sweetspot

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



93.1870, -46.1230, -6.6270



157.5510, -17.7890, -2.5010



99.1640, -31.2620, -39.1820



77.1990, -10.8660, -1.3140



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000

Same Dimension

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



93.1870, -46.1230, -6.6270



111.4920, -72.0270, -10.7390



67.9460, -34.2980, 15.8620



63.6190, -3.3010, -0.7490



71.1720, -68.1300, -9.7780



1.5160, -1.5130, -0.1130

Inverse Universe

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



78.7220, 31.5830, 38.8710



88.5910, 48.9100, 60.7660



110.0540, 34.2980, -15.8620



62.3640, 1.9710, 2.8270



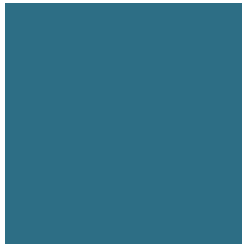
49.8140, 46.6640, 57.4160



1.1250, 1.1460, 1.2580

Previews

White Background



This preview shows how the YIQ color 93.1870, -46.1230, -6.6270 looks on a white background.

Color Contrast Check

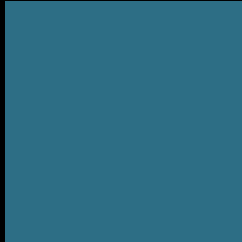
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 93.1870, -46.1230, -6.6270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

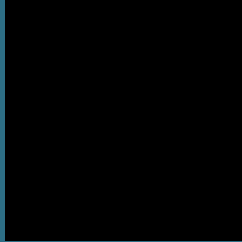
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 93.1870, -46.1230, -6.6270

Background



This preview shows how black text looks on a background with the YIQ color 93.1870, -46.1230, -6.6270.



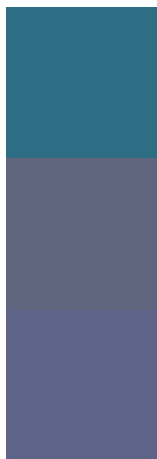
This preview shows how white text looks on a background with the YIQ color 93.1870, -46.1230,

-6.6270.

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

93.1870, -46.1230, -6.6270

Protanopia

102.3550, -11.0050, 6.7150

Deuteranopia

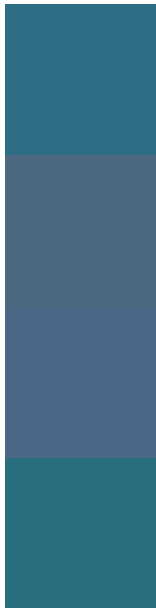
102.1960, -14.8110, 9.6130



Tritanopia

90.9000, -46.9930, -12.8890

Trichromacy



Original Color

93.1870, -46.1230, -6.6270

Protanomaly

98.7770, -24.1170, 2.0510

Deuteranomaly

99.0480, -26.3180, 3.3940

Tritanomaly

91.6660, -46.2140, -10.4860

Monochromacy



Original Color

93.1870, -46.1230, -6.6270

Achromatopsia

93.0000, -0.0000, -0.0000

Achromatomaly

93.1490, -16.5970, -2.0770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 93.1870, -46.1230, -6.6270 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(45, 110, 133)` looks like.

```
.text, #text, p{  
    color:rgb(45, 110, 133)  
}
```

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(45, 110, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 110, 133) }
```

Border

The CSS property to change the border of an element to YIQ 93.1870, -46.1230, -6.6270 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(45, 110, 133) }
```


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

```
.border{ border-color:rgb(45, 110, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 110, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 110, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 110, 133);  
box-shadow:4px 4px 4px 4px rgb(45, 110,  
133) }
```

Background

The CSS property to change the background color of an element to YIQ 93.1870, -46.1230, -6.6270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 110, 133) }
```

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

```
.background{ background-color: rgb(45, 110,  
133) }
```

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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