

Converting Colors

YIQ(89.4740, -37.2260,
-19.1940)

Have a look what the booklet for
YIQ(89.4740, -37.2260, -19.1940)
contains.

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Color

**YIQ(89.4740, -37.2260,
-19.1940)**

Conversions

Conversions Part 1

Format	Color
Hex	2A7062
RGB	42, 112, 98
RGB Percent	16%, 44%, 38%
CMY	0.8355, 0.5607, 0.6158
CMYK	0.63, 0.00, 0.13, 0.56
HSL	168°, 46%, 30%
HSV	168°, 63%, 44%
XYZ	8.9534, 12.9673, 13.5777
YIQ	89.4740, -37.2260, -19.1940

Conversions

Conversions Part 2

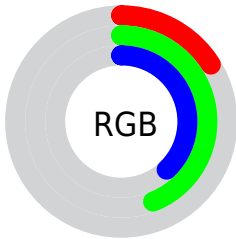
Format	Color
R_{YB}	42, 81, 112
Decimal	2781282
CIE _{Lab}	42.71, -25.57, 1.31
CIE _{LCh}	43, 25.608, 177.065
Yxy	12.9673, 0.2522, 0.3653
Android (android.graphics.Color)	4280971362 (0xFF2A7062)
YUV	89.4740, 4.2033, -41.6347
Hunter-Lab	36.0102, -18.6364, 2.8517

Details

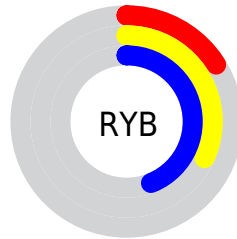
The YIQ color **89.4740, -37.2260, -19.1940** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **64.5260, 37.2260, 19.1940**, and the grayscale version is **89.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **141.9580, -35.7130, -19.0810**, and **43.4960, -34.2920, -17.3000** is the 20% darker color. If you saturate the color by 10%, you get **85.9570, -43.1400, -22.1480**, and if you desaturate by 10%, it is **92.9910, -31.3120, -16.2400**.

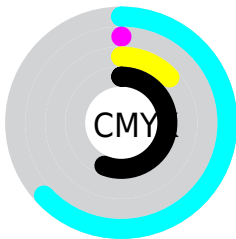
Distribution



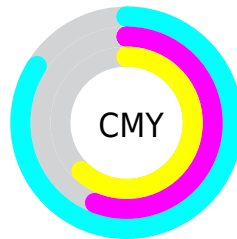
- Red (16%)
- Green (44%)
- Blue (38%)



- Red (16%)
- Yellow (32%)
- Blue (44%)



- Cyan (63%)
- Magenta (0%)
- Yellow (13%)
- Black (56%)



- Cyan (84%)
- Magenta (56%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 89.4740, -37.2260, -19.1940 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 89.4740, -37.2260, -19.1940 by changing the saturation by 10% instead.

■ 89.4740, -37.2260,
-19.1940

■ 89.4740, -37.2260,
-19.1940

■ 255.0000, -0.0000,
-0.0000

■ 61.8970, -42.9110,
-20.7910

■ 141.6590,
-36.3090, -19.2930

■ 43.4960, -34.2920,
-17.3000

■ 169.1320,
-36.2630, -20.1270

■ 27.6010, -21.2260,
-11.8020

■ 196.2460,
-36.5840, -19.8160

■ 10.6630, -6.6010,
-7.0250

■ 224.8330,
-36.8590, -20.3390

■ 0.0000, 0.0000,
0.0000

■ 240.0500,
-29.8000, -10.6000

■ 248.7210,

-12.5160, -4.4520

■ 89.4740, -37.2260,
-19.1940

■ 89.4740, -37.2260,
-19.1940

■ 85.9570, -43.1400,
-22.1480

■ 92.9910, -31.3120,
-16.2400

■ 82.3260, -48.7330,
-25.4130

■ 96.5080, -25.3980,
-13.2860

■ 78.5100, -55.2430,
-28.5790

■ 100.4380,
-19.2090, -9.8090

■ 76.0040, -59.6900,
-30.5860

■ 103.9550,
-13.2950, -6.8550

■ 107.4720, -7.3810,
-3.9010

■ 110.9890, -1.4670,
-0.9470

■ 114.6200, 4.1260,
2.3180

■ 118.4360, 10.6360,
5.4840

■ 121.9530, 16.5500,
8.4380

Harmonies

Analogous

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



94.2780, -13.2470, -18.7430



89.4740, -37.2260, -19.1940



83.1970, -61.2510, -18.8110

Triad

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



89.4740, -37.2260, -19.1940



101.9840, -11.0980, 13.9100



101.2950, 32.7820, 0.6060

Complementary

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



89.4740, -37.2260, -19.1940



64.5260, 37.2260, 19.1940

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.



102.4020, 34.3390, 10.9390



89.4740, -37.2260, -19.1940



104.0530, 10.8170, 18.7290

Square

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



89.4740, -37.2260, -19.1940



97.3830, -34.5710, 4.2850



103.6110, 26.6810, 17.5690



99.7080, 23.8890, -8.9350

Rectangle

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



89.4740, -37.2260, -19.1940



84.8860, -61.5730, -12.9730



103.6110, 26.6810, 17.5690



101.3000, 34.3860, 4.5780

Sweetspot

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



89.4740, -37.2260, -19.1940



136.3570, -14.4870, -7.2790



87.5750, -10.3100, -33.4300



68.5750, -9.1690, -4.5370



201.0000, -0.0000, 0.0000



74.0000, -0.0000, 0.0000

Same Dimension

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



89.4740, -37.2260, -19.1940



109.9010, -57.9020, -29.9500



79.3300, -36.2200, -4.3800



54.0920, -3.2550, -1.5830



81.3840, -63.8160, -32.9040



167.5610, -131.4830, -67.6030

Inverse Universe

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



64.5260, 37.2260, 19.1940



71.0990, 57.9020, 29.9500



74.6700, 36.2200, 4.3800



52.0220, 2.9340, 1.8940



38.6160, 63.8160, 32.9040



79.5530, 131.1620, 67.9140

Previews

White Background



This preview shows how the YIQ color 89.4740, -37.2260, -19.1940 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 89.4740, -37.2260, -19.1940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

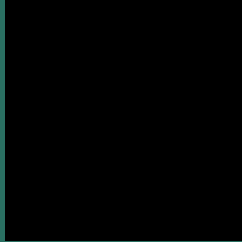
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 89.4740, -37.2260, -19.1940

Background



This preview shows how black text looks on a background with the YIQ color 89.4740, -37.2260, -19.1940.



This preview shows how white text looks on a background with the YIQ color 89.4740, -37.2260,

-19.1940.

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

89.4740, -37.2260, -19.1940

Protanopia

100.1700, 5.2730, -1.9510

Deuteranopia

101.3430, 6.4640, 4.0000



Tritanopia

92.3850, -38.0530, -9.7090

Trichromacy



Original Color

89.4740, -37.2260, -19.1940

Protanomaly

95.9830, -10.4980, -7.9860

Deuteranomaly

96.6890, -9.4900, -4.2260

Tritanomaly

91.2770, -37.8690, -13.0450

Monochromacy



Original Color

89.4740, -37.2260, -19.1940

Achromatopsia

89.0000, -0.0000, -0.0000

Achromatomaly

88.9550, -13.2950, -6.8550

CSS Examples

Text

The CSS property to change the color of the text to YIQ 89.4740, -37.2260, -19.1940 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(42, 112, 98)` looks like.

```
.text, #text, p{  
    color:rgb(42, 112, 98)  
}
```

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(42, 112, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 112, 98) }
```

Border

The CSS property to change the border of an element to YIQ 89.4740, -37.2260, -19.1940 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(42, 112, 98) }
```


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

```
.border{ border-color:rgb(42, 112, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 112, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 112, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 112, 98);  
box-shadow:4px 4px 4px 4px rgb(42, 112,  
98) }
```

Background

The CSS property to change the background color of an element to YIQ 89.4740, -37.2260, -19.1940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 112, 98) }
```

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

```
.background{ background-color: rgb(42, 112,  
98) }
```

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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