

Converting Colors

YIQ(95.9290, -36.7690,
-10.9530)

Have a look what the booklet for
YIQ(95.9290, -36.7690, -10.9530)
contains.

YIQ(95.9290, -36.7690, -10.9530)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(95.9290, -36.7690,
-10.9530)**

Conversions

Conversions Part 1

Format	Color
Hex	367176
RGB	54, 113, 118
RGB Percent	21%, 44%, 46%
CMY	0.7884, 0.5568, 0.5374
CMYK	0.54, 0.04, 0.00, 0.54
HSL	185°, 37%, 34%
HSV	185°, 54%, 46%
XYZ	10.6951, 13.9062, 19.2481
YIQ	95.9290, -36.7690, -10.9530

Conversions

Conversions Part 2

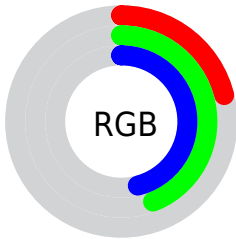
Format	Color
RYB	54, 85, 118
Decimal	3567990
CIELab	44.10, -17.65, -8.63
CIElCh	44, 19.650, 206.049
Yxy	13.9062, 0.2439, 0.3171
Android (android.graphics.Color)	4281758070 (0xFF367176)
YUV	95.9290, 10.8810, -36.7717
Hunter-Lab	37.2910, -14.0654, -4.4994




Details

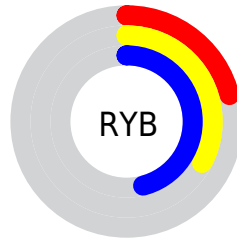
The YIQ color **95.9290, -36.7690, -10.9530** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **76.0710, 36.7690, 10.9530**, and the grayscale version is **96.0000, -0.0000, 0.0000**.




A 20% lighter version of the original color is **148.2280, -36.1730, -10.7410**, and **46.1350, -40.3450, -12.2250** is the 20% darker color. If you saturate the color by 10%, you get **91.7540, -43.6460, -12.9740**, and if you desaturate by 10%, it is **100.1040, -29.8920, -8.9320**.

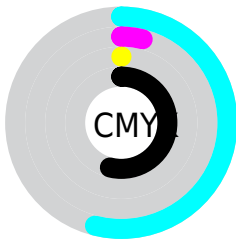
Distribution







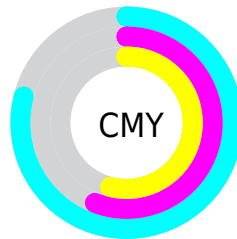
-  Red (21%)
-  Green (44%)
-  Blue (46%)






-  Red (21%)
-  Yellow (33%)
-  Blue (46%)



-  Cyan (54%)
-  Magenta (4%)
-  Yellow (0%)
-  Black (54%)



-  Cyan (79%)
-  Magenta (56%)
-  Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 95.9290, -36.7690, -10.9530 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 95.9290, -36.7690, -10.9530 by changing the saturation by 10% instead.

■ 95.9290, -36.7690,
-10.9530

■ 95.9290, -36.7690,
-10.9530

■ 255.0000, -0.0000,
-0.0000

■ 70.0320, -38.5570,
-11.5890

■ 148.2280,
-36.1730, -10.7410

■ 46.1350, -40.3450,
-12.2250

■ 174.9290,
-36.7690, -10.9530

■ 30.0120, -26.6370,
-7.3490

■ 202.9290,
-36.7690, -10.9530

■ 17.1660, -15.2670,
-4.1550

■ 231.3310,
-37.9610, -11.3770

■ 0.0000, 0.0000,
0.0000

■ 243.6380,
-22.6480, -8.0560

■ 252.3090, -5.3640,

-1.9080

■ 95.9290, -36.7690,
-10.9530

■ 95.9290, -36.7690,
-10.9530

■ 91.7540, -43.6460,
-12.9740

■ 100.1040,
-29.8920, -8.9320

■ 87.5790, -50.5230,
-14.9950

■ 104.2790,
-23.0150, -6.9110

■ 83.7030, -56.8040,
-16.8040

■ 108.1550,
-16.7340, -5.1020

■ 79.5280, -63.6810,
-18.8250

■ 112.3300, -9.8570,
-3.0810

■ 77.4350, -67.8530,
-20.3090

■ 116.5050, -2.9800,
-1.0600

■ 120.0930, 4.1720,
1.4840

■ 124.2680, 11.0490,
3.5050

■ 128.1440, 17.3300,
5.3140

■ 132.3190, 24.2070,
7.3350

Harmonies

Analogous

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



96.9810, -25.3520, -14.1200



95.9290, -36.7690, -10.9530



98.0310, -36.8160, -4.5920

Triad

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



95.9290, -36.7690, -10.9530



106.5640, 7.7000, 14.6440



103.3640, 19.1660, -5.9380

Complementary

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



95.9290, -36.7690, -10.9530



76.0710, 36.7690, 10.9530

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.



105.0000, 26.3630, 1.2990



95.9290, -36.7690, -10.9530



106.5670, 20.8130, 13.7810

Square

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



95.9290, -36.7690, -10.9530



105.5450, -8.4840, 10.5880



105.9280, 26.8660, 8.7060



102.1450, 6.4210, -11.7470

Rectangle

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



95.9290, -36.7690, -10.9530



100.7270, -29.8480, 1.2880



105.9280, 26.8660, 8.7060



104.3860, 22.1000, -4.0440

Sweetspot

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



95.9290, -36.7690, -10.9530



144.6500, -13.7540, -4.0420



92.0240, -18.8840, -32.2280



71.3410, -8.3900, -2.1340



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.



95.9290, -36.7690, -10.9530



118.7030, -56.8040, -16.8040



77.7320, -28.2440, 5.2600



56.6190, -3.3010, -0.7490



80.2390, -70.2370, -21.1570



164.0970, -143.7750, -43.0630

Inverse Universe

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



79.8620, 19.2050, 31.9170



93.9750, 29.7930, 49.2890



94.2680, 28.2440, -5.2600



55.3640, 1.9710, 2.8270



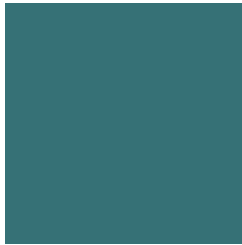
49.3600, 36.4390, 61.0070



101.0840, 74.8490, 124.8410

Previews

White Background



This preview shows how the YIQ color 95.9290, -36.7690, -10.9530 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 95.9290, -36.7690, -10.9530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

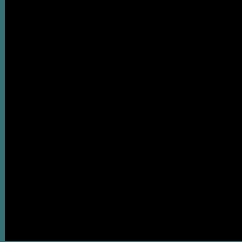
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 95.9290, -36.7690, -10.9530

Background



This preview shows how black text looks on a background with the YIQ color 95.9290, -36.7690, -10.9530.



This preview shows how white text looks on a background with the YIQ color 95.9290, -36.7690,

-10.9530.

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

95.9290, -36.7690, -10.9530

Protanopia

104.0260, -2.8890, 2.7990

Deuteranopia

104.7750, -3.4400, 7.2800



Tritanopia

96.0970, -37.1820, -8.9740

Trichromacy



Original Color

95.9290, -36.7690, -10.9530

Protanomaly

101.2200, -15.3590, -2.4870

Deuteranomaly

101.3280, -15.5430, 0.8490

Tritanomaly

95.9830, -36.8610, -9.2850

Monochromacy



Original Color

95.9290, -36.7690, -10.9530

Achromatopsia

96.0000, -0.0000, 0.0000

Achromatomaly

95.9490, -13.1580, -3.8300

CSS Examples

Text

The CSS property to change the color of the text to YIQ 95.9290, -36.7690, -10.9530 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(54, 113, 118)` looks like.

```
.text, #text, p{  
    color:rgb(54, 113, 118)  
}
```

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(54, 113, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 113, 118) }
```

Border

The CSS property to change the border of an element to YIQ 95.9290, -36.7690, -10.9530 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(54, 113, 118) }
```


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

```
.border{ border-color:rgb(54, 113, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 113, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 113, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 113, 118);  
box-shadow:4px 4px 4px 4px rgb(54, 113,  
118) }
```

Background

The CSS property to change the background color of an element to YIQ 95.9290, -36.7690, -10.9530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 113, 118) }
```

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

```
.background{ background-color: rgb(54, 113,  
118) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor