

Converting Colors

YIQ(93.5810, -35.6690, -8.8610)

Have a look what the booklet for
YIQ(93.5810, -35.6690, -8.8610)
contains.

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Color

**YIQ(93.5810, -35.6690,
-8.8610)**

Conversions

Conversions Part 1

Format	Color
Hex	366D76
RGB	54, 109, 118
RGB Percent	21%, 43%, 46%
CMY	0.7883, 0.5725, 0.5374
CMYK	0.54, 0.08, 0.00, 0.54
HSL	188°, 37%, 34%
HSV	188°, 54%, 46%
XYZ	10.2585, 13.0327, 19.1026
YIQ	93.5810, -35.6690, -8.8610

Conversions

Conversions Part 2

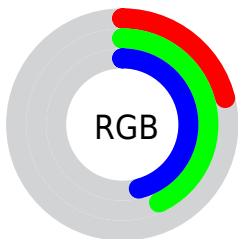
Format	Color
R _Y B	54, 84, 118
Decimal	3566966
CIE Lab	42.81, -15.44, -10.56
CIE LCh	43, 18.709, 214.370
Yxy	13.0327, 0.2420, 0.3074
Android (android.graphics.Color)	4281757046 (0xFF366D76)
YUV	93.5810, 12.0386, -34.7125
Hunter-Lab	36.1008, -12.4536, -6.1025

Details

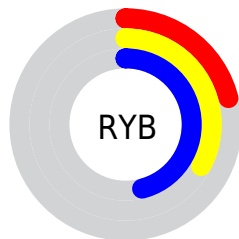
The YIQ color **93.5810, -35.6690, -8.8610** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **78.4190, 35.6690, 8.8610**, and the grayscale version is **93.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **145.5810, -35.6690, -8.8610**, and **43.7870, -39.2450, -10.1330** is the 20% darker color. If you saturate the color by 10%, you get **88.8190, -42.2710, -10.3590**, and if you desaturate by 10%, it is **98.3430, -29.0670, -7.3630**.

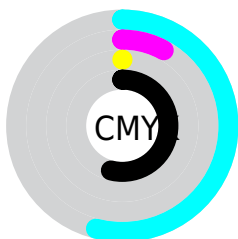
Distribution



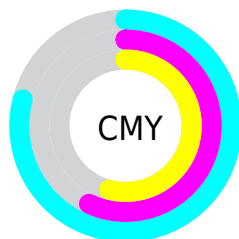
- Red (21%)
- Green (43%)
- Blue (46%)



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



- Cyan (54%)
- Magenta (8%)
- Yellow (0%)
- Black (54%)



- Cyan (79%)
- Magenta (57%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 93.5810, -35.6690, -8.8610 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 93.5810, -35.6690, -8.8610 by changing the saturation by 10% instead.

■ 93.5810, -35.6690,
-8.8610

■ 93.5810, -35.6690,
-8.8610

■ 255.0000, -0.0000,
-0.0000

■ 68.2710, -37.7320,
-10.0200

■ 145.5810,
-35.6690, -8.8610

■ 43.7870, -39.2450,
-10.1330

■ 172.5810,
-35.6690, -8.8610

■ 28.2510, -25.8120,
-5.7800

■ 200.2820,
-36.2650, -9.0730

■ 14.2310, -13.8920,
-1.5400

■ 228.3960,
-36.5860, -8.7620

■ 0.0000, 0.0000,
0.0000

■ 243.3390,
-23.2440, -8.2680

■ 252.0100, -5.9600,

-2.1200

■ 93.5810, -35.6690,
-8.8610

■ 93.5810, -35.6690,
-8.8610

■ 88.8190, -42.2710,
-10.3590

■ 98.3430, -29.0670,
-7.3630

■ 84.6440, -49.1480,
-12.3800

■ 102.5180,
-22.1900, -5.3420

■ 80.1810, -55.1540,
-13.6660

■ 106.9810,
-16.1840, -4.0560

■ 75.4190, -61.7560,
-15.1640

■ 111.7430, -9.5820,
-2.5580

■ 72.7390, -65.6530,
-16.1250

■ 115.9180, -2.7050,
-0.5370

■ 120.6800, 3.8970,
0.9610

■ 125.4420, 10.4990,
2.4590

■ 129.3180, 16.7800,
4.2680

■ 134.0800, 23.3820,
5.7660

Harmonies

Analogous

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



94.2520, -27.5530, -12.7770



93.5810, -35.6690, -8.8610



95.9500, -32.0940, -2.0620

Triad

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



93.5810, -35.6690, -8.8610



103.8910, 11.0930, 13.7250



100.1570, 15.3150, -7.7330

Complementary

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



93.5810, -35.6690, -8.8610



78.4190, 35.6690, 8.8610

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.



101.5650, 23.1540, -1.1180



93.5810, -35.6690, -8.8610



103.2850, 21.5470, 11.4910

Square

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



93.5810, -35.6690, -8.8610



102.5240, -3.9910, 11.7610



102.1620, 26.0870, 6.3030



97.9920, 2.4780, -11.8740

Rectangle

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



93.5810, -35.6690, -8.8610



98.5320, -24.8050, 3.5070



102.1620, 26.0870, 6.3030



100.4780, 18.8450, -5.6270

Sweetspot

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



93.5810, -35.6690, -8.8610



144.0630, -13.4790, -3.5190



92.5940, -20.4890, -30.6730



70.7540, -8.1150, -1.6110



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.



93.5810, -35.6690, -8.8610



115.1810, -55.1540, -13.6660



74.7970, -26.8690, 7.8750



56.6190, -3.3010, -0.7490



75.5430, -68.0370, -16.9730



154.7050, -139.3750, -34.6950

Inverse Universe

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



79.4060, 20.4890, 30.6730



93.2910, 31.7190, 47.4230



96.6160, 27.1440, -7.3520



55.3640, 1.9710, 2.8270



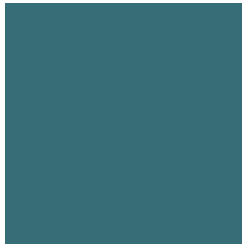
48.4480, 39.0070, 58.5190



99.2600, 79.9850, 119.8650

Previews

White Background



This preview shows how the YIQ color 93.5810, -35.6690, -8.8610 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 93.5810, -35.6690, -8.8610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

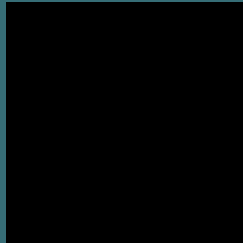
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 93.5810, -35.6690, -8.8610

Background



This preview shows how black text looks on a background with the YIQ color 93.5810, -35.6690, -8.8610.



This preview shows how white text looks on a background with the YIQ color 93.5810, -35.6690,

-8.8610.

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

93.5810, -35.6690, -8.8610

Protanopia

101.0690, -4.4480, 3.5200

Deuteranopia

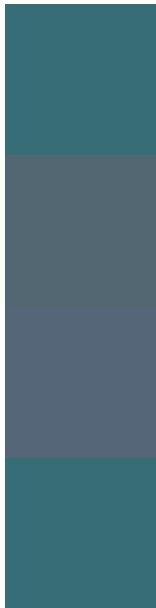
101.4050, -5.2740, 7.4780



Tritanopia

93.5810, -35.6690, -8.8610

Trichromacy



Original Color

93.5810, -35.6690, -8.8610

Protanomaly

98.2740, -15.4510, -0.8190

Deuteranomaly

98.5560, -16.1850, 1.4710

Tritanomaly

93.5810, -35.6690, -8.8610

Monochromacy



Original Color

93.5810, -35.6690, -8.8610

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

93.4760, -13.2040, -2.9960

CSS Examples

Text

The CSS property to change the color of the text to YIQ 93.5810, -35.6690, -8.8610 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, 109, 118)` looks like.

```
.text, #text, p{  
    color:rgb(54, 109, 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, 109, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 109, 118) }
```

Border

The CSS property to change the border of an element to YIQ 93.5810, -35.6690, -8.8610 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, 109, 118) }
```


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

```
.border{ border-color:rgb(54, 109, 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, 109, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 109, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 109, 118);  
box-shadow:4px 4px 4px 4px rgb(54, 109,  
118) }
```

Background

The CSS property to change the background color of an element to YIQ 93.5810, -35.6690, -8.8610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 109, 118) }
```

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

```
.background{ background-color: rgb(54, 109,  
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](#).

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