

Converting Colors

YIQ(93.4020, -36.7230,
-11.7870)

Have a look what the booklet for
YIQ(93.4020, -36.7230, -11.7870)
contains.

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Color

**YIQ(93.4020, -36.7230,
-11.7870)**

Conversions

Conversions Part 1

Format	Color
Hex	336F72
RGB	51, 111, 114
RGB Percent	20%, 44%, 45%
CMY	0.8001, 0.5646, 0.5531
CMYK	0.55, 0.03, 0.00, 0.55
HSL	183°, 38%, 32%
HSV	183°, 55%, 45%
XYZ	10.0857, 13.2913, 17.9422
YIQ	93.4020, -36.7230, -11.7870

Conversions

Conversions Part 2

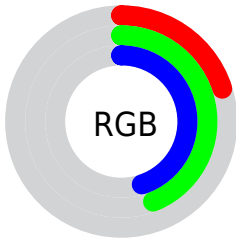
Format	Color
RYB	51, 82, 114
Decimal	3370866
CIELab	43.20, -18.45, -7.58
CIELCh	43, 19.949, 202.335
Yxy	13.2913, 0.2441, 0.3217
Android (android.graphics.Color)	4281560946 (0xFF336F72)
YUV	93.4020, 10.1548, -37.1866
Hunter-Lab	36.4572, -14.4189, -3.6592




Details

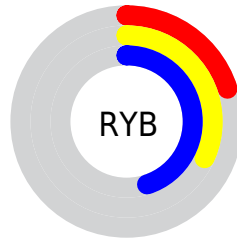
The YIQ color **93.4020, -36.7230, -11.7870** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **71.5980, 36.7230, 11.7870**, and the grayscale version is **93.0000, -0.0000, -0.0000**.




A 20% lighter version of the original color is **145.7010, -36.1270, -11.5750**, and **44.5050, -38.5110, -12.4230** is the 20% darker color. If you saturate the color by 10%, you get **89.5260, -43.0040, -13.5960**, and if you desaturate by 10%, it is **97.2780, -30.4420, -9.9780**.

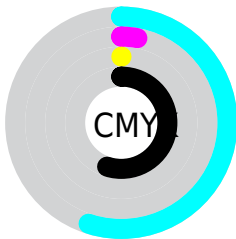
Distribution







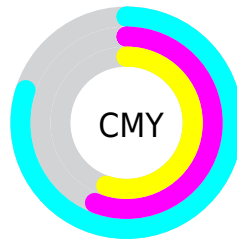
-  Red (20%)
-  Green (44%)
-  Blue (45%)






-  Red (20%)
-  Yellow (32%)
-  Blue (45%)



-  Cyan (55%)
-  Magenta (3%)
-  Yellow (0%)
-  Black (55%)



-  Cyan (80%)
-  Magenta (56%)
-  Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 93.4020, -36.7230, -11.7870 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 93.4020, -36.7230, -11.7870 by changing the saturation by 10% instead.

■ 93.4020, -36.7230,
-11.7870

■ 93.4020, -36.7230,
-11.7870

■ 255.0000, -0.0000,
-0.0000

■ 67.2060, -39.1070,
-12.6350

■ 145.7010,
-36.1270, -11.5750

■ 44.5050, -38.5110,
-12.4230

■ 172.4020,
-36.7230, -11.7870

■ 29.0830, -25.3990,
-7.7590

■ 200.1030,
-37.3190, -11.9990

■ 14.4760, -13.2040,
-2.9960

■ 228.6900,
-37.5940, -12.5220

■ 0.0000, 0.0000,
0.0000

■ 242.7410,
-24.4360, -8.6920

■ 251.4120, -7.1520,

-2.5440

■ 93.4020, -36.7230,
-11.7870

■ 93.4020, -36.7230,
-11.7870

■ 89.5260, -43.0040,
-13.5960

■ 97.2780, -30.4420,
-9.9780

■ 85.9380, -50.1560,
-16.1400

■ 100.8660,
-23.2900, -7.4340

■ 82.0620, -56.4370,
-17.9490

■ 104.7420,
-17.0090, -5.6250

■ 78.4740, -63.5890,
-20.4930

■ 108.3300, -9.8570,
-3.0810

■ 76.9790, -66.5690,
-21.5530

■ 112.2060, -3.5760,
-1.2720

■ 115.4950, 2.9800,
1.0600

■ 119.6700, 9.8570,
3.0810

■ 122.9590, 16.4130,
5.4130

■ 127.1340, 23.2900,
7.4340

Harmonies

Analogous

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



95.0520, -24.1140, -14.5300



93.4020, -36.7230, -11.7870



95.0200, -38.2830, -5.5390

Triad

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



93.4020, -36.7230, -11.7870



104.6670, 5.9120, 14.0080



101.8480, 20.6790, -5.8250

Complementary

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



93.4020, -36.7230, -11.7870



71.5980, 36.7230, 11.7870

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.



102.8260, 26.9130, 2.3450



93.4020, -36.7230, -11.7870



104.4960, 19.5750, 14.1910

Square

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



93.4020, -36.7230, -11.7870



102.7620, -10.5930, 10.2630



103.4550, 26.8200, 9.5400



99.9280, 8.5300, -11.4220

Rectangle

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



93.4020, -36.7230, -11.7870



97.4170, -31.9110, 0.1290



103.4550, 26.8200, 9.5400



102.0980, 22.9710, -3.3090

Sweetspot

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



93.4020, -36.7230, -11.7870



139.9380, -14.6250, -4.7770



88.2090, -17.9670, -32.3270



68.9280, -8.6650, -2.6570



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.



93.4020, -36.7230, -11.7870



115.7630, -57.0330, -18.1610



75.2050, -28.1980, 4.4260



54.2060, -3.5760, -1.2720



80.5980, -69.8700, -22.3020



166.6900, -144.1870, -46.6110

Inverse Universe

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



76.6770, 18.2880, 32.0160



89.9040, 28.5550, 49.6990



89.7950, 28.1980, -4.4260



52.4780, 1.6500, 3.1380



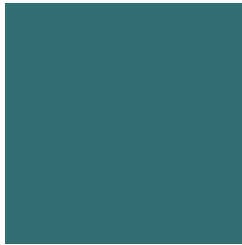
48.8760, 34.9260, 60.8940



100.7570, 71.4560, 125.7600

Previews

White Background



This preview shows how the YIQ color 93.4020, -36.7230, -11.7870 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 93.4020, -36.7230, -11.7870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

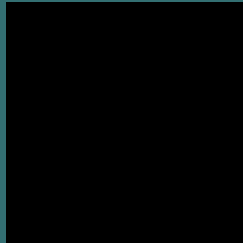
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 93.4020, -36.7230, -11.7870

Background



This preview shows how black text looks on a background with the YIQ color 93.4020, -36.7230, -11.7870.



This preview shows how white text looks on a background with the YIQ color 93.4020, -36.7230,

-11.7870.

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

93.4020, -36.7230, -11.7870

Protanopia

102.0970, -1.6510, 2.3890

Deuteranopia

102.5470, -2.7980, 6.6580



Tritanopia

93.9830, -36.8610, -9.2850

Trichromacy



Original Color

93.4020, -36.7230, -11.7870

Protanomaly

98.9920, -14.7170, -3.1090

Deuteranomaly

99.1000, -14.9010, 0.2270

Tritanomaly

93.4560, -36.8150, -10.1190

Monochromacy



Original Color

93.4020, -36.7230, -11.7870

Achromatopsia

93.0000, -0.0000, -0.0000

Achromatomaly

93.5360, -13.4330, -4.3530

CSS Examples

Text

The CSS property to change the color of the text to YIQ 93.4020, -36.7230, -11.7870 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(51, 111, 114)` looks like.

```
.text, #text, p{  
    color:rgb(51, 111, 114)  
}
```

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(51, 111, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 111, 114) }
```

Border

The CSS property to change the border of an element to YIQ 93.4020, -36.7230, -11.7870 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(51, 111, 114) }
```


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

```
.border{ border-color:rgb(51, 111, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 111, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 111, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 111, 114);  
box-shadow:4px 4px 4px 4px rgb(51, 111,  
114) }
```

Background

The CSS property to change the background color of an element to YIQ 93.4020, -36.7230, -11.7870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 111, 114) }
```

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

```
.background{ background-color: rgb(51, 111,  
114) }
```

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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