

Converting Colors

YIQ(97.8750, -36.6770,
-12.6210)

Have a look what the booklet for
YIQ(97.8750, -36.6770, -12.6210)
contains.

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Color

**YIQ(97.8750, -36.6770,
-12.6210)**

Conversions

Conversions Part 1

Format	Color
Hex	377475
RGB	55, 116, 117
RGB Percent	22%, 45%, 46%
CMY	0.7844, 0.5450, 0.5413
CMYK	0.53, 0.01, 0.00, 0.54
HSL	181°, 36%, 34%
HSV	181°, 53%, 46%
XYZ	11.0306, 14.5914, 19.0532
YIQ	97.8750, -36.6770, -12.6210

Conversions

Conversions Part 2

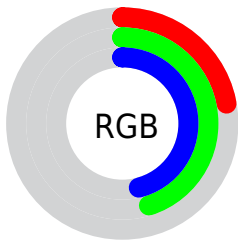
Format	Color
RYB	55, 86, 117
Decimal	3634293
CIELab	45.07, -19.34, -6.57
CIELCh	45, 20.429, 198.772
Yxy	14.5914, 0.2469, 0.3266
Android (android.graphics.Color)	4281824373 (0xFF377475)
YUV	97.8750, 9.4286, -37.6014
Hunter-Lab	38.1986, -15.3024, -2.8343

Details

The YIQ color **97.8750, -36.6770, -12.6210** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **74.1250, 36.6770, 12.6210**, and the grayscale version is **98.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **150.1740, -36.0810, -12.4090**, and **47.1950, -40.5740, -13.5820** is the 20% darker color. If you saturate the color by 10%, you get **94.2870, -43.8290, -15.1650**, and if you desaturate by 10%, it is **101.4630, -29.5250, -10.0770**.

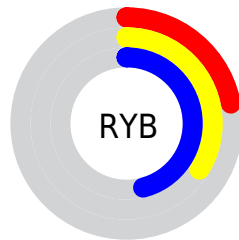
Distribution



Red (22%)

Green (45%)

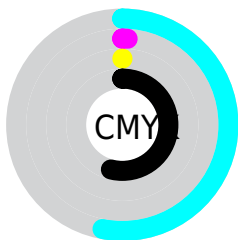
Blue (46%)



Red (22%)

Yellow (34%)

Blue (46%)

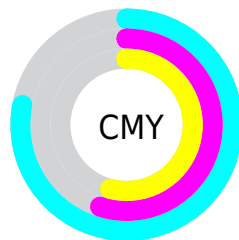


Cyan (53%)

Magenta (1%)

Yellow (0%)

Black (54%)



Cyan (78%)

Magenta (55%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 97.8750, -36.6770, -12.6210 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 97.8750, -36.6770, -12.6210 by changing the saturation by 10% instead.

97.8750, -36.6770,
-12.6210

97.8750, -36.6770,
-12.6210

255.0000, -0.0000,
-0.0000

71.9780, -38.4650,
-13.2570

150.1740,
-36.0810, -12.4090

47.7820, -40.8490,
-14.1050

177.4620,
-36.9520, -13.1440

31.7730, -27.4620,
-8.9180

205.4620,
-36.9520, -13.1440

18.2260, -15.4960,
-5.5120

233.5760,
-37.2730, -12.8330

0.0000, 0.0000,
0.0000

243.9370,
-22.0520, -7.8440

252.6080, -4.7680,

-1.6960

■ 97.8750, -36.6770,
-12.6210

■ 97.8750, -36.6770,
-12.6210

■ 94.2870, -43.8290,
-15.1650

■ 101.4630,
-29.5250, -10.0770

■ 90.9980, -50.3850,
-17.4970

■ 104.7520,
-22.9690, -7.7450

■ 86.8230, -57.2620,
-19.5180

■ 108.9270,
-16.0920, -5.7240

■ 83.2350, -64.4140,
-22.0620

■ 112.5150, -8.9400,
-3.1800

■ 80.8430, -69.1820,
-23.7580

■ 115.8040, -2.3840,
-0.8480

■ 119.3920, 4.7680,
1.6960

■ 122.9800, 11.9200,
4.2400

■ 126.5680, 19.0720,
6.7840

■ 130.4440, 25.3530,
8.5930

Harmonies

Analogous

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



100.0090, -22.5550, -15.2510



97.8750, -36.6770, -12.6210



99.0090, -39.7500, -6.4860

Triad

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



97.8750, -36.6770, -12.6210



109.2970, 4.0780, 14.2060



106.1580, 22.7420, -4.6660

Complementary

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



97.8750, -36.6770, -12.6210



74.1250, 36.6770, 12.6210

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.



107.8370, 28.3800, 3.2920



97.8750, -36.6770, -12.6210



109.4250, 18.3370, 14.6010

Square

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



97.8750, -36.6770, -12.6210



107.3810, -13.8940, 9.5140



108.2810, 27.3700, 10.5860



104.7110, 10.6390, -11.0970

Rectangle

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



97.8750, -36.6770, -12.6210



101.8080, -34.5700, -1.2420



108.2810, 27.3700, 10.5860



106.4080, 25.0340, -2.1500

Sweetspot

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



97.8750, -36.6770, -12.6210



145.8240, -14.3040, -5.0880



91.3940, -17.0500, -32.4260



71.9280, -8.6650, -2.6570



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.



97.8750, -36.6770, -12.6210



123.1110, -58.1330, -20.2530



80.2650, -28.4270, 3.0690



57.2060, -3.5760, -1.2720



84.9350, -72.4370, -25.3410



172.9020, -147.9000, -50.9080

Inverse Universe

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



80.4920, 17.3710, 32.1150



95.3600, 27.2710, 50.9430



91.7350, 28.4270, -3.0690



55.4780, 1.6500, 3.1380



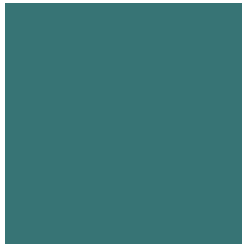
50.2720, 33.8710, 63.4950



102.7940, 70.0340, 129.5060

Previews

White Background



This preview shows how the YIQ color 97.8750, -36.6770, -12.6210 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 97.8750, -36.6770, -12.6210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

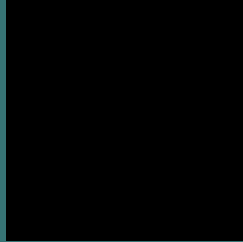
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 97.8750, -36.6770, -12.6210

Background



This preview shows how black text looks on a background with the YIQ color 97.8750, -36.6770, -12.6210.



This preview shows how white text looks on a background with the YIQ color 97.8750, -36.6770,

-12.6210.

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

97.8750, -36.6770, -12.6210

Protanopia

106.8690, -1.0090, 1.7670

Deuteranopia

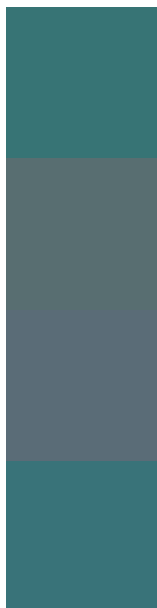
107.0310, -1.2850, 6.7710



Tritanopia

98.9830, -36.8610, -9.2850

Trichromacy



Original Color

97.8750, -36.6770, -12.6210

Protanomaly

103.7640, -14.0750, -3.7310

Deuteranomaly

103.8720, -14.2590, -0.3950

Tritanomaly

98.3420, -36.4940, -10.4300

Monochromacy



Original Color

97.8750, -36.6770, -12.6210

Achromatopsia

98.0000, -0.0000, -0.0000

Achromatomaly

98.1230, -13.7080, -4.8760

CSS Examples

Text

The CSS property to change the color of the text to YIQ 97.8750, -36.6770, -12.6210 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(55, 116, 117)` looks like.

```
.text, #text, p{  
    color:rgb(55, 116, 117)  
}
```

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(55, 116, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 116, 117) }
```

Border

The CSS property to change the border of an element to YIQ 97.8750, -36.6770, -12.6210 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(55, 116, 117) }
```


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

```
.border{ border-color:rgb(55, 116, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 116, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 116, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 116, 117);  
box-shadow:4px 4px 4px 4px rgb(55, 116,  
117) }
```

Background

The CSS property to change the background color of an element to YIQ 97.8750, -36.6770, -12.6210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 116, 117) }
```

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

```
.background{ background-color: rgb(55, 116,  
117) }
```

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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