

Converting Colors

YIQ(97.2510, -33.8390, 13.0490)

Have a look what the booklet for
YIQ(97.2510, -33.8390, 13.0490)
contains.

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Color

**YIQ(97.2510, -33.8390,
13.0490)**

Conversions

Conversions Part 1

Format	Color
Hex	49629D
RGB	73, 98, 157
RGB Percent	29%, 38%, 62%
CMY	0.7137, 0.6156, 0.3845
CMYK	0.53, 0.38, 0.00, 0.38
HSL	222°, 37%, 45%
HSV	222°, 53%, 62%
XYZ	13.1978, 12.5864, 33.6116
YIQ	97.2510, -33.8390, 13.0490

Conversions

Conversions Part 2

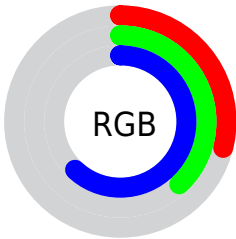
Format	Color
R_{YB}	73, 92, 157
Decimal	4809373
CIE _{Lab}	42.13, 8.34, -34.94
CIE _{LCh}	42, 35.920, 283.427
Yxy	12.5864, 0.2222, 0.2119
Android (android.graphics.Color)	4282999453 (0xFF49629D)
YUV	97.2510, 29.4563, -21.2681
Hunter-Lab	35.4773, 4.3180, -31.3379

Details

The YIQ color **97.2510, -33.8390, 13.0490** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **132.7490, 33.8390, -13.0490**, and the grayscale version is **97.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **149.0170, -33.0600, 15.4520**, and **45.4840, -42.0450, 7.5790** is the 20% darker color. If you saturate the color by 10%, you get **86.0100, -40.3500, 15.4100**, and if you desaturate by 10%, it is **108.4920, -27.3280, 10.6880**.

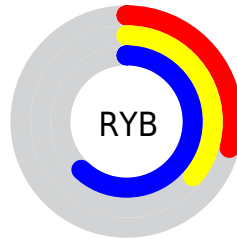
Distribution



Red (29%)

Green (38%)

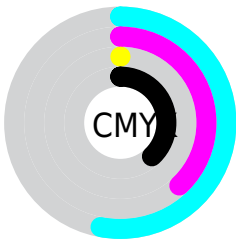
Blue (62%)



Red (29%)

Yellow (36%)

Blue (62%)

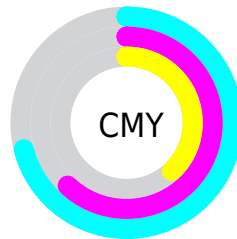


Cyan (53%)

Magenta (38%)

Yellow (0%)

Black (38%)



Cyan (71%)

Magenta (62%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 97.2510, -33.8390, 13.0490 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 97.2510, -33.8390, 13.0490 by changing the saturation by 10% instead.

■ 97.2510, -33.8390,
13.0490

■ 97.2510, -33.8390,
13.0490

■ 255.0000, -0.0000,
-0.0000

■ 71.8270, -35.5810,
11.5790

■ 149.0170,
-33.0600, 15.4520

■ 45.4840, -42.0450,
7.5790

■ 176.1310,
-33.3810, 15.7630

■ 27.4310, -34.5260,
8.9780

■ 202.0620,
-28.9330, 12.2430

■ 10.0200, -19.9470,
14.5890

■ 227.1690,
-19.3490, 3.7470

■ 5.1640, -11.7850,
9.8390

■ 250.5150, -8.9400,
-3.1800

■ 1.1400, -3.2100,
3.1100

■ 0.0000, 0.0000,

0.0000

■ 97.2510, -33.8390,
13.0490

■ 97.2510, -33.8390,
13.0490

■ 86.0100, -40.3500,
15.4100

■ 108.4920,
-27.3280, 10.6880

■ 75.0680, -46.2650,
17.9830

■ 119.4340,
-21.4130, 8.1150

■ 63.8270, -52.7760,
20.3440

■ 130.6750,
-14.9020, 5.7540

■ 52.5860, -59.2870,
22.7050

■ 141.9160, -8.3910,
3.3930

■ 45.4870, -63.3220,
24.2460

■ 152.8580, -2.4760,
0.8200

■ 164.0990, 4.0350,
-1.5410

■ 175.3400, 10.5460,
-3.9020

■ 186.5810, 17.0570,
-6.2630

■ 197.5230, 22.9720,
-8.8360

Harmonies

Analogous

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



80.5930, -79.5010, -7.4450



97.2510, -33.8390, 13.0490



102.3650, 1.3710, 24.7230

Triad

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



97.2510, -33.8390, 13.0490



98.9380, 47.2690, 7.8850



81.0610, -46.6690, -29.7810

Complementary

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



97.2510, -33.8390, 13.0490



132.7490, 33.8390, -13.0490

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.



91.4820, -5.3140, -24.8500



97.2510, -33.8390, 13.0490



97.6620, 38.6980, -7.4940

Square

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



97.2510, -33.8390, 13.0490



99.7010, 44.1030, 21.2150



95.4160, 21.4150, -19.1690



79.6860, -67.3020, -24.7900

Rectangle

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



97.2510, -33.8390, 13.0490



102.2980, 20.6730, 27.3370



95.4160, 21.4150, -19.1690



86.5100, -28.8800, -27.2800

Sweetspot

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



97.2510, -33.8390, 13.0490



180.6320, -13.3430, 5.0330



129.0340, -42.0390, -25.5830



88.1010, -7.4740, 3.2940



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000

Same Dimension

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



97.2510, -33.8390, 13.0490



110.8270, -52.7760, 20.3440



87.6590, -16.8320, 29.7280



73.6730, -3.3930, 0.9190



41.5430, -57.7280, 21.9840



4.6450, -6.1900, 2.0500

Inverse Universe

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



100.9660, 42.0390, 25.5830



116.6150, 65.5570, 39.9010



142.3410, 16.8320, -29.7280



73.7340, 3.8050, 2.6290



47.6590, 71.4250, 43.6890



5.0550, 7.3350, 4.7350

Previews

White Background



This preview shows how the YIQ color 97.2510, -33.8390, 13.0490 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 97.2510, -33.8390, 13.0490 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

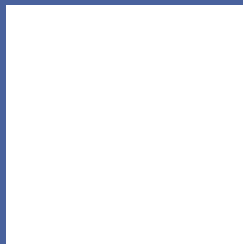
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 97.2510, -33.8390, 13.0490

Background



This preview shows how black text looks on a background with the YIQ color 97.2510, -33.8390, 13.0490.



This preview shows how white text looks on a background with the YIQ color 97.2510, -33.8390,

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

97.2510, -33.8390, 13.0490

Protanopia

97.7460, -30.8590, 14.1090

Deuteranopia

96.0440, -37.6900, 11.2540



Tritanopia

93.2610, -31.7720, -7.9000

Trichromacy



Original Color

97.2510, -33.8390, 13.0490

Protanomaly

97.4470, -31.4550, 13.8970

Deuteranomaly

96.6420, -36.4980, 11.6780

Tritanomaly

94.7050, -32.7820, -0.6060

Monochromacy



Original Color

97.2510, -33.8390, 13.0490

Achromatopsia

97.0000, -0.0000, 0.0000

Achromatomaly

96.8170, -12.4260, 4.9340

CSS Examples

Text

The CSS property to change the color of the text to YIQ 97.2510, -33.8390, 13.0490 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(73, 98, 157)` looks like.

```
.text, #text, p{  
    color:rgb(73, 98, 157)  
}
```

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(73, 98, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 98, 157) }
```

Border

The CSS property to change the border of an element to YIQ 97.2510, -33.8390, 13.0490 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(73, 98, 157) }
```


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

```
.border{ border-color:rgb(73, 98, 157) }
```

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

Here you see how a box with a 4 pixel rgb(73, 98, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 98, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 98, 157);  
box-shadow:4px 4px 4px 4px rgb(73, 98,  
157) }
```

Background

The CSS property to change the background color of an element to YIQ 97.2510, -33.8390, 13.0490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 98, 157) }
```

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

```
.background{ background-color: rgb(73, 98,  
157) }
```

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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