

Converting Colors

YIQ(95.8830, -29.9870, 9.3170)

Have a look what the booklet for
YIQ(95.8830, -29.9870, 9.3170)
contains.

YIQ(95.8830, -29.9870, 9.3170)	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(95.8830, -29.9870,
9.3170)**

Conversions

Conversions Part 1

Format	Color
Hex	496291
RGB	73, 98, 145
RGB Percent	29%, 38%, 57%
CMY	0.7137, 0.6156, 0.4315
CMYK	0.50, 0.32, 0.00, 0.43
HSL	219°, 33%, 43%
HSV	219°, 50%, 57%
XYZ	12.2235, 12.1966, 28.4820
YIQ	95.8830, -29.9870, 9.3170

Conversions

Conversions Part 2

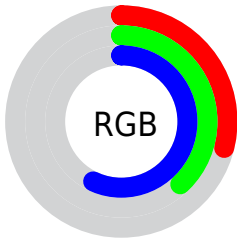
Format	Color
R_{YB}	73, 92, 145
Decimal	4809361
CIE _{Lab}	41.53, 4.42, -28.72
CIE _{LCh}	42, 29.062, 278.747
Yxy	12.1966, 0.2311, 0.2306
Android (android.graphics.Color)	4282999441 (0xFF496291)
YUV	95.8830, 24.2147, -20.0684
Hunter-Lab	34.9237, 1.3598, -23.9073

Details

The YIQ color **95.8830, -29.9870, 9.3170** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **122.1170, 29.9870, -9.3170**, and the grayscale version is **96.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **147.2360, -29.4830, 11.1970**, and **46.3230, -34.3420, 5.6420** is the 20% darker color. If you saturate the color by 10%, you get **86.1150, -36.4520, 10.8440**, and if you desaturate by 10%, it is **105.3520, -24.1180, 7.5780**.

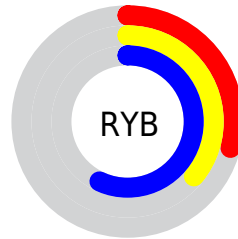
Distribution



Red (29%)

Green (38%)

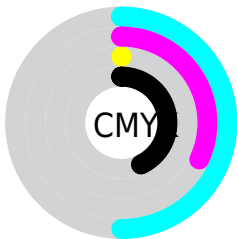
Blue (57%)



Red (29%)

Yellow (36%)

Blue (57%)

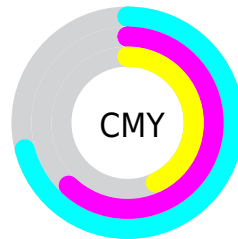


Cyan (50%)

Magenta (32%)

Yellow (0%)

Black (43%)



Cyan (71%)

Magenta (62%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 95.8830, -29.9870, 9.3170 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 95.8830, -29.9870, 9.3170 by changing the saturation by 10% instead.

■ 95.8830, -29.9870,
9.3170

■ 95.8830, -29.9870,
9.3170

■ 255.0000, -0.0000,
-0.0000

■ 71.0570, -30.5370,
8.2710

■ 147.2360,
-29.4830, 11.1970

■ 46.3230, -34.3420,
5.6420

■ 174.3500,
-29.8040, 11.5080

■ 26.1770, -30.9950,
5.5570

■ 201.4640,
-30.1250, 11.8190

■ 8.9940, -17.0580,
11.7900

■ 226.2720,
-21.1370, 3.1110

■ 3.5510, -8.6210,
7.5630

■ 249.6180,
-10.7280, -3.8160

■ 0.0000, 0.0000,
0.0000

■ 95.8830, -29.9870,
9.3170

■ 95.8830, -29.9870,
9.3170

■ 86.1150, -36.4520,
10.8440

■ 105.3520,
-24.1180, 7.5780

■ 76.0590, -42.0460,
13.1060

■ 115.7070,
-17.9280, 5.5280

■ 66.5900, -47.9150,
14.8450

■ 125.1760,
-12.0590, 3.7890

■ 56.2350, -54.1050,
16.8950

■ 135.5310, -5.8690,
1.7390

■ 46.7660, -59.9740,
18.6340

■ 145.0000, 0.0000,
-0.0000

■ 45.8800, -60.2950,
18.9450

■ 155.3550, 6.1900,
-2.0500

■ 164.8240, 12.0590,
-3.7890

■ 175.1790, 18.2490,

-5.8390

■ 184.6480, 24.1180,
-7.5780

Harmonies

Analogous

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



82.9060, -64.3250, -7.1490



95.8830, -29.9870, 9.3170



100.2240, -2.8460, 18.5460

Triad

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



95.8830, -29.9870, 9.3170



98.7460, 39.0620, 7.9420



87.7540, -26.4510, -21.7390

Complementary

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



95.8830, -29.9870, 9.3170



122.1170, 29.9870, -9.3170

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.



92.3950, -0.4550, -19.2950



95.8830, -29.9870, 9.3170



97.5460, 33.3330, -3.8750

Square

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



95.8830, -29.9870, 9.3170



99.6180, 33.9710, 17.6110



95.5070, 19.9010, -13.7550



76.4260, -63.6340, -25.1860

Rectangle

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



95.8830, -29.9870, 9.3170



101.3030, 13.1090, 21.2450



95.5070, 19.9010, -13.7550



89.5440, -17.0520, -21.3720

Sweetspot

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



95.8830, -29.9870, 9.3170



169.1760, -12.0590, 3.7890



120.6220, -34.8870, -23.0390



82.4600, -7.1070, 2.1490



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



95.8830, -29.9870, 9.3170



111.4760, -47.5940, 14.5340



84.4970, -16.5560, 24.7240



66.5590, -3.0720, 0.6080



42.9790, -56.2600, 17.4040



2.6730, -3.3930, 0.9190

Inverse Universe

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



97.3780, 34.8870, 23.0390



113.6460, 55.1040, 36.6080



133.5030, 16.5560, -24.7240



66.4350, 3.2090, 2.4170



45.7230, 65.3730, 43.2370



2.7340, 3.8050, 2.6290

Previews

White Background



This preview shows how the YIQ color 95.8830, -29.9870, 9.3170 looks on a white background.

Color Contrast Check

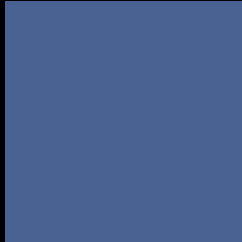
Large Text (above 18pt) WCAG AA ✓ Pass

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 95.8830, -29.9870, 9.3170 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

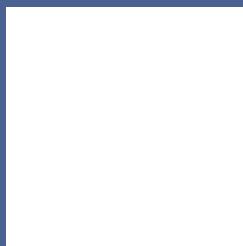
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 95.8830, -29.9870, 9.3170

Background



This preview shows how black text looks on a background with the YIQ color 95.8830, -29.9870, 9.3170.

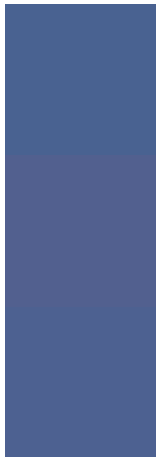


This preview shows how white text looks on a background with the YIQ color 95.8830, -29.9870,

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

95.8830, -29.9870, 9.3170

Protanopia

97.1720, -23.4310, 11.6490

Deuteranopia

96.4920, -27.3280, 10.6880



Tritanopia

92.7670, -27.3250, -5.8930

Trichromacy



Original Color

95.8830, -29.9870, 9.3170

Protanomaly

96.9760, -25.8150, 10.8010

Deuteranomaly

96.1930, -27.9240, 10.4760

Tritanomaly

94.1570, -28.2430, -0.2670

Monochromacy



Original Color

95.8830, -29.9870, 9.3170

Achromatopsia

96.0000, -0.0000, 0.0000

Achromatomaly

96.2470, -10.8210, 3.3790

CSS Examples

Text

The CSS property to change the color of the text to YIQ 95.8830, -29.9870, 9.3170 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, 145)` looks like.

```
.text, #text, p{  
    color:rgb(73, 98, 145)  
}
```

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, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 98, 145) }
```

Border

The CSS property to change the border of an element to YIQ 95.8830, -29.9870, 9.3170 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, 145) }
```


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

```
.border{ border-color:rgb(73, 98, 145) }
```

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, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 98, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 98, 145);  
box-shadow:4px 4px 4px 4px rgb(73, 98,  
145) }
```

Background

The CSS property to change the background color of an element to YIQ 95.8830, -29.9870, 9.3170 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, 145) }
```

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

```
.background{ background-color: rgb(73, 98,  
145) }
```

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