

Converting Colors

YIQ(97.4930, -29.0690, 3.6910)

Have a look what the booklet for
YIQ(97.4930, -29.0690, 3.6910)
contains.

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Color

**YIQ(97.4930, -29.0690,
3.6910)**

Conversions

Conversions Part 1

Format	Color
Hex	486788
RGB	72, 103, 136
RGB Percent	28%, 40%, 53%
CMY	0.7177, 0.5960, 0.4668
CMYK	0.47, 0.24, 0.00, 0.47
HSL	211°, 31%, 41%
HSV	211°, 47%, 53%
XYZ	11.9644, 12.8569, 25.1302
YIQ	97.4930, -29.0690, 3.6910

Conversions

Conversions Part 2

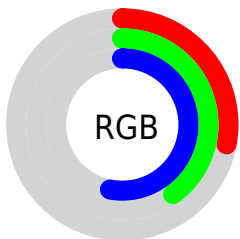
Format	Color
R_{YB}	72, 93, 136
Decimal	4745096
CIE _{Lab}	42.55, -1.77, -21.74
CIE _{LCh}	43, 21.810, 265.339
Yxy	12.8569, 0.2395, 0.2574
Android (android.graphics.Color)	4282935176 (0xFF486788)
YUV	97.4930, 18.9840, -22.3574
Hunter-Lab	35.8565, -3.1878, -16.4542

Details

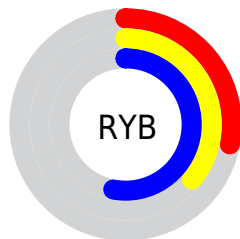
The YIQ color **97.4930, -29.0690, 3.6910** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **110.5070, 29.0690, -3.6910**, and the grayscale version is **97.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **149.0200, -29.1150, 4.5250**, and **48.3570, -31.6820, 1.4860** is the 20% darker color. If you saturate the color by 10%, you get **89.1980, -35.4880, 4.3840**, and if you desaturate by 10%, it is **105.7880, -22.6500, 2.9980**.

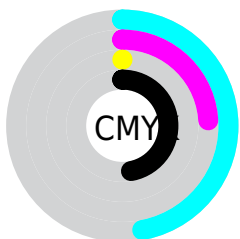
Distribution



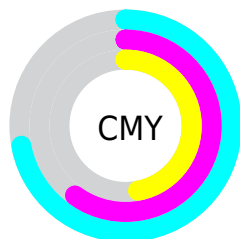
- Red (28%)
- Green (40%)
- Blue (53%)



- Red (28%)
- Yellow (36%)
- Blue (53%)



- Cyan (47%)
- Magenta (24%)
- Yellow (0%)
- Black (47%)



- Cyan (72%)
- Magenta (60%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 97.4930, -29.0690, 3.6910 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 97.4930, -29.0690, 3.6910 by changing the saturation by 10% instead.

■ 97.4930, -29.0690,
3.6910

■ 97.4930, -29.0690,
3.6910

■ 255.0000, -0.0000,
-0.0000

■ 72.7810, -29.9400,
2.9560

■ 149.0200,
-29.1150, 4.5250

■ 48.3570, -31.6820,
1.4860

■ 176.1340,
-29.4360, 4.8360

■ 27.7270, -29.8480,
1.2880

■ 203.3620,
-30.0780, 5.4580

■ 12.3050, -16.7360,
5.9520

■ 229.1960,
-23.9790, -0.4510

■ 2.7530, -6.3740,
5.3860

■ 249.0200,
-11.9200, -4.2400

■ 0.0000, 0.0000,
0.0000

■ 97.4930, -29.0690,
3.6910

■ 97.4930, -29.0690,
3.6910

■ 89.1980, -35.4880,
4.3840

■ 105.7880,
-22.6500, 2.9980

■ 81.2020, -41.3110,
5.2890

■ 113.7840,
-16.8270, 2.0930

■ 72.9070, -47.7300,
5.9820

■ 122.0790,
-10.4080, 1.4000

■ 64.9110, -53.5530,
6.8870

■ 130.0750, -4.5850,
0.4950

■ 56.6160, -59.9720,
7.5800

■ 138.3700, 1.8340,
-0.1980

■ 54.2460, -61.8060,
7.7780

■ 146.6650, 8.2530,
-0.8910

■ 154.6610, 14.0760,
-1.7960

■ 162.9560, 20.4950,

-2.4890

■ 170.9520, 26.3180,
-3.3940

Harmonies

Analogous

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



92.1550, -43.0970, -6.4010



97.4930, -29.0690, 3.6910



101.7020, -10.3640, 11.6200

Triad

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



97.4930, -29.0690, 3.6910



102.1240, 29.2500, 9.5540



95.1260, -9.7630, -15.8030

Complementary

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



97.4930, -29.0690, 3.6910



110.5070, 29.0690, -3.6910

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.



97.6890, 7.7050, -12.9910



97.4930, -29.0690, 3.6910



100.6690, 28.7930, 1.3130

Square

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



97.4930, -29.0690, 3.6910



102.6920, 21.9590, 15.0390



99.6200, 21.3210, -6.4470



92.0730, -28.6070, -15.7030

Rectangle

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



97.4930, -29.0690, 3.6910



103.0410, 1.9230, 14.7150



99.6200, 21.3210, -6.4470



96.1760, -4.0320, -15.0400

Sweetspot

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



97.4930, -29.0690, 3.6910



160.8940, -11.3250, 1.4990



113.2160, -27.8720, -23.5200



79.8190, -6.7400, 1.0040



217.0000, -0.0000, 0.0000



89.0000, -0.0000, -0.0000

Same Dimension

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



97.4930, -29.0690, 3.6910



116.4620, -44.9790, 5.6850



79.2960, -20.5440, 19.9040



64.5590, -3.0720, 0.6080



52.7300, -60.2930, 7.8910



1.7440, -2.1550, 0.5090

Inverse Universe

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



94.6700, 28.1930, 23.2090



112.0730, 43.5960, 35.9160



128.7040, 20.5440, -19.9040



64.4350, 3.2090, 2.4170



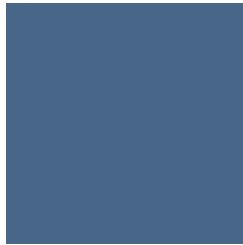
47.0630, 58.7240, 48.1000



1.7230, 2.3380, 1.6820

Previews

White Background



This preview shows how the YIQ color 97.4930, -29.0690, 3.6910 looks on a white background.

Color Contrast Check

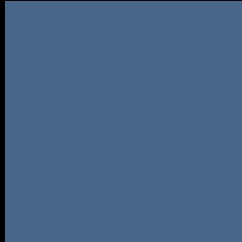
Large Text (above 18pt) WCAG AA ✓ Pass

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 97.4930, -29.0690, 3.6910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

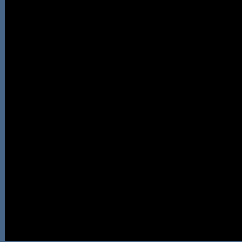
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

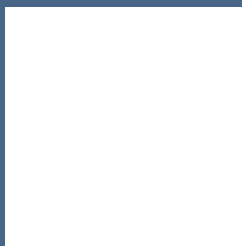
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 97.4930, -29.0690, 3.6910

Background



This preview shows how black text looks on a background with the YIQ color 97.4930, -29.0690, 3.6910.



This preview shows how white text looks on a background with the YIQ color 97.4930, -29.0690,

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

97.4930, -29.0690, 3.6910

Protanopia

100.4840, -15.6820, 8.8780

Deuteranopia

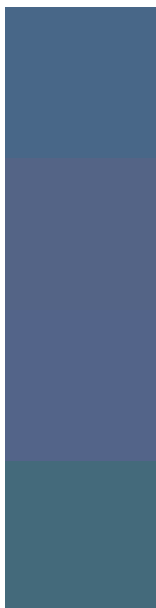
100.3420, -18.1580, 9.6980



Tritanopia

95.6530, -27.0040, -6.2040

Trichromacy



Original Color

97.4930, -29.0690, 3.6910

Protanomaly

99.0920, -20.4500, 7.1820

Deuteranomaly

99.1350, -22.0090, 7.9030

Tritanomaly

96.5760, -28.1050, -2.7690

Monochromacy



Original Color

97.4930, -29.0690, 3.6910

Achromatopsia

97.0000, -0.0000, 0.0000

Achromatomaly

97.0790, -10.4080, 1.4000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 97.4930, -29.0690, 3.6910 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(72, 103, 136)` looks like.

```
.text, #text, p{  
    color:rgb(72, 103, 136)  
}
```

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(72, 103, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 103, 136) }
```

Border

The CSS property to change the border of an element to YIQ 97.4930, -29.0690, 3.6910 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(72, 103, 136) }
```


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

```
.border{ border-color:rgb(72, 103, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 103, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 103, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 103, 136);  
box-shadow:4px 4px 4px 4px rgb(72, 103,  
136) }
```

Background

The CSS property to change the background color of an element to YIQ 97.4930, -29.0690, 3.6910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 103, 136) }
```

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

```
.background{ background-color: rgb(72, 103,  
136) }
```

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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