

Converting Colors

YIQ(107.0970, -28.0140, 1.0900)

Have a look what the booklet for
YIQ(107.0970, -28.0140, 1.0900)
contains.

YIQ(107.0970, -28.0140, 1.0900)	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(107.0970, -28.0140,
1.0900)**

Conversions

Conversions Part 1

Format	Color
Hex	51728C
RGB	81, 114, 140
RGB Percent	32%, 45%, 55%
CMY	0.6824, 0.5529, 0.4511
CMYK	0.42, 0.19, 0.00, 0.45
HSL	206°, 27%, 43%
HSV	206°, 42%, 55%
XYZ	14.1420, 15.6789, 27.0790
YIQ	107.0970, -28.0140, 1.0900

Conversions

Conversions Part 2

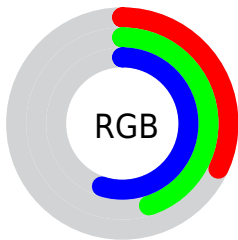
Format	Color
R_{YB}	81, 102, 140
Decimal	5337740
CIE _{Lab}	46.55, -4.67, -17.93
CIE _{LCh}	47, 18.525, 255.414
Yxy	15.6789, 0.2485, 0.2756
Android (android.graphics.Color)	4283527820 (0xFF51728C)
YUV	107.0970, 16.2212, -22.8871
Hunter-Lab	39.5965, -5.5422, -12.8292

Details

The YIQ color **107.0970, -28.0140, 1.0900** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **113.9030, 28.0140, -1.0900**, and the grayscale version is **107.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **159.3250, -28.6560, 1.7120**, and **57.9720, -29.1600, -0.1680** is the 20% darker color. If you saturate the color by 10%, you get **99.3890, -34.7080, 1.2600**, and if you desaturate by 10%, it is **114.8050, -21.3200, 0.9200**.

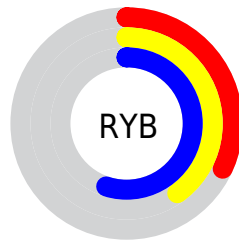
Distribution



Red (32%)

Green (45%)

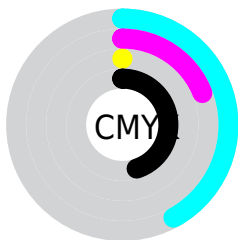
Blue (55%)



Red (32%)

Yellow (40%)

Blue (55%)

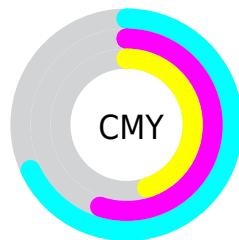


Cyan (42%)

Magenta (19%)

Yellow (0%)

Black (45%)



Cyan (68%)

Magenta (55%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 107.0970, -28.0140, 1.0900 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 107.0970, -28.0140, 1.0900 by changing the saturation by 10% instead.

■ 107.0970,
-28.0140, 1.0900

■ 107.0970,
-28.0140, 1.0900

■ 255.0000, -0.0000,
-0.0000

■ 82.5700, -27.9680,
0.2560

■ 159.3250,
-28.6560, 1.7120

■ 57.9720, -29.1600,
-0.1680

■ 186.4390,
-28.9770, 2.0230

■ 33.3520, -33.2860,
-2.4860

■ 214.1400,
-29.5730, 1.8110

■ 19.1040, -20.7240,
1.1320

■ 239.5180,
-22.1900, -5.3420

■ 3.3230, -7.9790,
6.9410

■ 251.7110, -6.5560,
-2.3320

■ 0.0000, 0.0000,
0.0000

■ 107.0970,
-28.0140, 1.0900

■ 107.0970,
-28.0140, 1.0900

■ 99.3890, -34.7080,
1.2600

■ 114.8050,
-21.3200, 0.9200

■ 91.6810, -41.4020,
1.4300

■ 122.5130,
-14.6260, 0.7500

■ 83.9730, -48.0960,
1.6000

■ 130.2210, -7.9320,
0.5800

■ 75.6780, -54.5150,
2.2930

■ 138.5160, -1.5130,
-0.1130

■ 67.9700, -61.2090,
2.4630

■ 146.2240, 5.1810,
-0.2830

■ 61.7460, -66.3900,
2.7460

■ 153.9320, 11.8750,
-0.4530

■ 161.6400, 18.5690,
-0.6230

■ 169.3480, 25.2630,

-0.7930

■ 177.0560, 31.9570,
-0.9630

Harmonies

Analogous

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



104.0480, -35.4860, -6.6700



107.0970, -28.0140, 1.0900



110.4410, -14.1230, 8.1570

Triad

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



107.0970, -28.0140, 1.0900



112.3130, 24.3440, 10.3600



106.8280, -2.9320, -12.9480

Complementary

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



107.0970, -28.0140, 1.0900



113.9030, 28.0140, -1.0900

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.



108.6510, 10.8680, -9.7400



107.0970, -28.0140, 1.0900



111.5810, 26.2250, 3.8010

Square

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



107.0970, -28.0140, 1.0900



112.9300, 15.3570, 13.5410



110.6140, 21.4580, -3.4220



105.1020, -18.3830, -13.7670

Rectangle

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



107.0970, -28.0140, 1.0900



111.8230, -3.3950, 11.9730



110.6140, 21.4580, -3.4220



107.6930, 1.8820, -12.0860

Sweetspot

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



107.0970, -28.0140, 1.0900



168.2530, -10.9580, 0.3540



118.5970, -24.5710, -22.7710



83.4060, -7.0150, 0.4810



219.0000, 0.0000, -0.0000



92.0000, 0.0000, -0.0000

Same Dimension

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



107.0970, -28.0140, 1.0900



129.4250, -43.5570, 1.9390



90.0740, -20.0390, 16.2570



65.1460, -3.3470, 0.0850



58.6000, -63.0430, 2.6610



2.3310, -2.4300, -0.0140

Inverse Universe

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



102.4030, 24.5710, 22.7710



122.3220, 38.4610, 35.3650



130.9260, 20.0390, -16.2570



64.5490, 2.8880, 2.7280



48.2030, 55.5140, 51.2100



1.8370, 2.0170, 1.9930

Previews

White Background



This preview shows how the YIQ color 107.0970, -28.0140, 1.0900 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 107.0970, -28.0140, 1.0900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

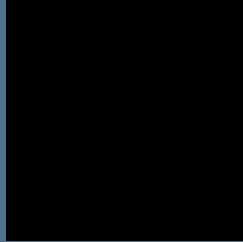
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

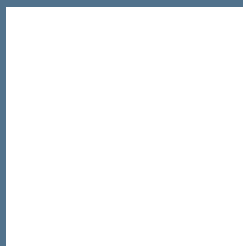
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 107.0970, -28.0140, 1.0900

Background



This preview shows how black text looks on a background with the YIQ color 107.0970, -28.0140, 1.0900.

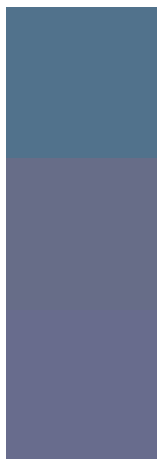


This preview shows how white text looks on a background with the YIQ color 107.0970, -28.0140,

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

107.0970, -28.0140, 1.0900

Protanopia

110.2840, -12.2430, 7.1250

Deuteranopia

110.5660, -12.9770, 9.4150



Tritanopia

105.4790, -26.4540, -5.1580

Trichromacy



Original Color

107.0970, -28.0140, 1.0900

Protanomaly

109.1800, -17.8820, 4.6940

Deuteranomaly

109.3480, -18.2950, 6.6730

Tritanomaly

105.7610, -27.1880, -2.8680

Monochromacy



Original Color

107.0970, -28.0140, 1.0900

Achromatopsia

107.0000, -0.0000, 0.0000

Achromatomaly

107.4380, -10.0410, 0.2550

CSS Examples

Text

The CSS property to change the color of the text to YIQ 107.0970, -28.0140, 1.0900 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(81, 114, 140)` looks like.

```
.text, #text, p{  
    color:rgb(81, 114, 140)  
}
```

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(81, 114, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 114, 140) }
```

Border

The CSS property to change the border of an element to YIQ 107.0970, -28.0140, 1.0900 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(81, 114, 140) }
```


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

```
.border{ border-color:rgb(81, 114, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 114, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 114, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 114, 140);  
box-shadow:4px 4px 4px 4px rgb(81, 114,  
140) }
```

Background

The CSS property to change the background color of an element to YIQ 107.0970, -28.0140, 1.0900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 114, 140) }
```

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

```
.background{ background-color: rgb(81, 114,  
140) }
```

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