

Converting Colors

YIQ(100.7140, -1.4700, 15.6340)

Have a look what the booklet for
YIQ(100.7140, -1.4700, 15.6340)
contains.

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Color

**YIQ(100.7140, -1.4700,
15.6340)**

Conversions

Conversions Part 1

Format	Color
Hex	6D5B81
RGB	109, 91, 129
RGB Percent	43%, 36%, 51%
CMY	0.5725, 0.6432, 0.4942
CMYK	0.15, 0.29, 0.00, 0.49
HSL	268°, 17%, 43%
HSV	268°, 29%, 51%
XYZ	14.0111, 12.3179, 22.4049
YIQ	100.7140, -1.4700, 15.6340

Conversions

Conversions Part 2

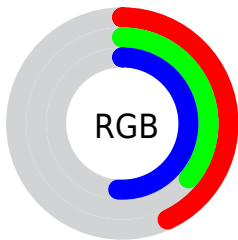
Format	Color
RYB	109, 91, 129
Decimal	7166849
CIELab	41.72, 15.35, -18.56
CIELCh	42, 24.086, 309.584
Yxy	12.3179, 0.2875, 0.2528
Android (android.graphics.Color)	4285356929 (0xFF6D5B81)
YUV	100.7140, 13.9450, 7.2668
Hunter-Lab	35.0969, 9.8396, -13.2813

Details

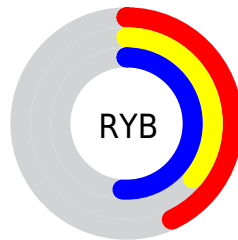
The YIQ color $100.7140, -1.4700, 15.6340$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $119.2860, 1.4700, -15.6340$, and the grayscale version is $101.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $151.6540, -1.2410, 16.9910$, and $53.7740, -1.6990, 14.2770$ is the 20% darker color. If you saturate the color by 10%, you get $90.9900, -2.0670, 20.9490$, and if you desaturate by 10%, it is $110.4380, -0.8730, 10.3190$.

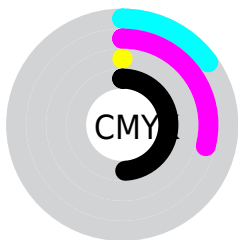
Distribution



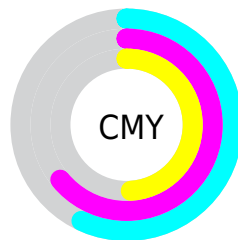
- Red (43%)
- Green (36%)
- Blue (51%)



- Red (43%)
- Yellow (36%)
- Blue (51%)



- Cyan (15%)
- Magenta (29%)
- Yellow (0%)
- Black (49%)



- Cyan (57%)
- Magenta (64%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 100.7140, -1.4700, 15.6340 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 100.7140, -1.4700, 15.6340 by changing the saturation by 10% instead.

■ 100.7140, -1.4700,
15.6340

■ 100.7140, -1.4700,
15.6340

■ 255.0000, -0.0000,
-0.0000

■ 76.3010, -1.7450,
15.1110

■ 151.6540, -1.2410,
16.9910

■ 53.7740, -1.6990,
14.2770

■ 178.7680, -1.5620,
17.3020

■ 31.9480, -2.2490,
13.2310

■ 206.1810, -1.2870,
17.8250

■ 9.9700, 0.6850,
15.1250

■ 233.2260, 2.8400,
14.6160

■ 1.1400, -3.2100,
3.1100

■ 253.2390, 0.8250,
1.5690

■ 0.0000, 0.0000,
0.0000

■ 100.7140, -1.4700,
15.6340

■ 100.7140, -1.4700,
15.6340

■ 90.9900, -2.0670,
20.9490

■ 110.4380, -0.8730,
10.3190

■ 81.2660, -2.6640,
26.2640

■ 120.1620, -0.2760,
5.0040

■ 71.8410, -2.6650,
31.7910

■ 129.5870, -0.2750,
-0.5230

■ 62.1170, -3.2620,
37.1060

■ 139.3110, 0.3220,
-5.8380

■ 52.3930, -3.8590,
42.4210

■ 148.4480, 1.1940,
-10.6300

■ 43.2560, -4.7310,
47.2130

■ 158.1720, 1.7910,
-15.9450

■ 33.8310, -4.7320,
52.7400

■ 167.5970, 1.7920,
-21.4720

■ 32.9450, -5.0530,

■ 177.3210, 2.3890,

53.0510

-26.7870

 187.0450, 2.9860,
-32.1020

Harmonies

Analogous

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



97.3630, -22.6510, 8.5250



100.7140, -1.4700, 15.6340



101.3480, 17.2360, 18.0360

Triad

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



100.7140, -1.4700, 15.6340



98.4360, 27.8310, -3.2810



86.0050, -43.0950, -17.4550

Complementary

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



100.7140, -1.4700, 15.6340



119.2860, 1.4700, -15.6340

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.



90.9120, -20.9040, -17.6400



100.7140, -1.4700, 15.6340



96.2340, 16.4160, -11.1680

Square

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



100.7140, -1.4700, 15.6340



99.2830, 33.0560, 6.6560



94.3890, -0.3180, -16.2700



84.2950, -55.4750, -13.3550

Rectangle

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



100.7140, -1.4700, 15.6340



100.3720, 25.8560, 16.0000



94.3890, -0.3180, -16.2700



87.8980, -35.4840, -17.7240

Sweetspot

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



100.7140, -1.4700, 15.6340



156.8030, -0.6430, 6.1490



107.0720, -17.6980, 1.3580



77.2220, -0.5050, 3.6470



212.0000, -0.0000, -0.0000



84.0000, -0.0000, -0.0000

Same Dimension

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



100.7140, -1.4700, 15.6340



124.0980, -2.2510, 24.2850



106.3950, 9.8540, 19.6620



58.6950, -0.4590, 2.8130



32.5320, -5.3280, 52.5280



0.0000, 0.0000, 0.0000

Inverse Universe

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



104.6420, 16.2280, 14.2760



130.1750, 25.2130, 22.1490



113.6050, -9.8540, -19.6620



59.5490, 2.8880, 2.7280



45.9100, 54.7810, 47.9730



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 100.7140, -1.4700, 15.6340 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 100.7140, -1.4700, 15.6340 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 100.7140, -1.4700, 15.6340

Background



This preview shows how black text looks on a background with the YIQ color 100.7140, -1.4700, 15.6340.



This preview shows how white text looks on a background with the YIQ color 100.7140, -1.4700,

15.6340.

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

100.7140, -1.4700, 15.6340

Protanopia

98.5270, -17.2410, 9.5990

Deuteranopia

99.0390, -12.9310, 8.5810



Tritanopia

99.4890, 3.1170, 4.0850

Trichromacy



Original Color

100.7140, -1.4700, 15.6340

Protanomaly

99.5170, -11.2810, 11.7190

Deuteranomaly

99.6590, -8.8050, 10.8990

Tritanomaly

99.6400, 1.3740, 8.1420

Monochromacy



Original Color

100.7140, -1.4700, 15.6340

Achromatopsia

101.0000, -0.0000, 0.0000

Achromatomaly

100.6890, -0.3220, 5.8380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 100.7140, -1.4700, 15.6340 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(109, 91, 129)` looks like.

```
.text, #text, p{  
    color:rgb(109, 91, 129)  
}
```

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(109, 91, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 91, 129) }
```

Border

The CSS property to change the border of an element to YIQ 100.7140, -1.4700, 15.6340 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(109, 91, 129) }
```


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

```
.border{ border-color:rgb(109, 91, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 91, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 91, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 91, 129);  
box-shadow:4px 4px 4px 4px rgb(109, 91,  
129) }
```

Background

The CSS property to change the background color of an element to YIQ 100.7140, -1.4700, 15.6340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 91, 129) }
```

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

```
.background{ background-color: rgb(109, 91,  
129) }
```

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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