

Converting Colors

YIQ(100.7050, -41.9500,
-10.6700)

Have a look what the booklet for
YIQ(100.7050, -41.9500, -10.6700)
contains.

| | |
|--|----|
| YIQ(100.7050, -41.9500, -10.6700) | 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(100.7050, -41.9500,
-10.6700)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|------------------------------|
| Hex | 367781 |
| RGB | 54, 119, 129 |
| RGB Percent | 21%, 47%, 51% |
| CMY | 0.7884, 0.5332, 0.4943 |
| CMYK | 0.58, 0.08, 0.00, 0.49 |
| HSL | 188°, 41%, 36% |
| HSV | 188°, 58%, 51% |
| XYZ | 12.0789, 15.5672, 23.1215 |
| YIQ | 100.7050, -41.9500, -10.6700 |

Conversions

Conversions Part 2

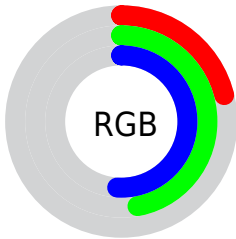
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 54, 89, 129 |
| Decimal | 3569537 |
| CIELab | 46.40, -17.59, -11.73 |
| CIELCh | 46, 21.144, 213.701 |
| Yxy | 15.5672, 0.2379, 0.3066 |
| Android (android.graphics.Color) | 4281759617 (0xFF367781) |
| YUV | 100.7050, 13.9494, -40.9603 |
| Hunter-Lab | 39.4553, -14.4006, -7.1264 |

Details

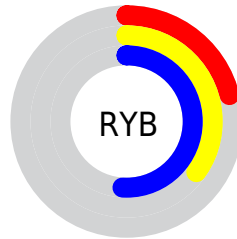
The YIQ color **100.7050, -41.9500, -10.6700** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **82.2950, 41.9500, 10.6700**, and the grayscale version is **101.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **153.4170, -41.0790, -9.9350**, and **50.2100, -44.9300, -11.7300** is the 20% darker color. If you saturate the color by 10%, you get **95.6440, -49.1480, -12.3800**, and if you desaturate by 10%, it is **105.7660, -34.7520, -8.9600**.

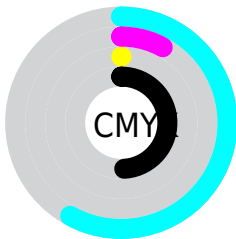
Distribution



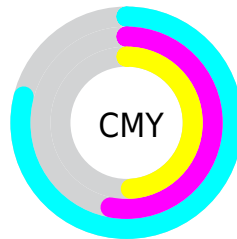
- Red (21%)
- Green (47%)
- Blue (51%)



- Red (21%)
- Yellow (35%)
- Blue (51%)



- Cyan (58%)
- Magenta (8%)
- Yellow (0%)
- Black (49%)



- Cyan (79%)
- Magenta (53%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 100.7050, -41.9500, -10.6700 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 100.7050, -41.9500, -10.6700 by changing the saturation by 10% instead.

■ 100.7050,
-41.9500, -10.6700

■ 100.7050,
-41.9500, -10.6700

■ 255.0000, -0.0000,
-0.0000

■ 73.9110, -45.5260,
-11.9420

■ 153.4170,
-41.0790, -9.9350

■ 50.2100, -44.9300,
-11.7300

■ 181.0040,
-41.3540, -10.4580

■ 34.6740, -31.4970,
-7.3770

■ 209.1180,
-41.6750, -10.1470

■ 20.4260, -18.9350,
-3.7590

■ 235.8640,
-38.1440, -13.5680

■ 2.0690, -4.4480,
3.5200

■ 244.5350,
-20.8600, -7.4200

■ 0.0000, 0.0000,
0.0000

■ 253.2060, -3.5760,

-1.2720

■ 100.7050,
-41.9500, -10.6700

■ 100.7050,
-41.9500, -10.6700

■ 95.6440, -49.1480,
-12.3800

■ 105.7660,
-34.7520, -8.9600

■ 91.1700, -56.6210,
-14.6130

■ 110.2400,
-27.2790, -6.7270

■ 86.1090, -63.8190,
-16.3230

■ 115.3010,
-20.0810, -5.0170

■ 81.0480, -71.0170,
-18.0330

■ 120.3620,
-12.8830, -3.3070

■ 80.4500, -72.2090,
-18.4570

■ 125.1240, -6.2810,
-1.8090

■ 129.5980, 1.1920,
0.4240

■ 134.6590, 8.3900,
2.1340

■ 139.7200, 15.5880,
3.8440

■ 144.1940, 23.0610,
6.0770

Harmonies

Analogous

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



101.7460, -32.0000, -14.7840



100.7050, -41.9500, -10.6700



103.9000, -37.8250, -2.8250

Triad

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



100.7050, -41.9500, -10.6700



112.5430, 12.1930, 15.8170



109.0000, 17.1950, -8.7650

Complementary

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



100.7050, -41.9500, -10.6700



82.2950, 41.9500, 10.6700

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.



110.7180, 27.0970, -0.9910



100.7050, -41.9500, -10.6700



112.3070, 24.4810, 13.3850

Square

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



100.7050, -41.9500, -10.6700



111.8660, -4.9540, 12.6940



111.5430, 29.3880, 7.0520



106.8240, 2.8910, -13.8530

Rectangle

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



100.7050, -41.9500, -10.6700



107.3790, -28.7480, 3.3800



111.5430, 29.3880, 7.0520



109.6200, 21.3210, -6.4470

Sweetspot

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



100.7050, -41.9500, -10.6700



157.8670, -15.8630, -4.3670



99.0510, -23.5140, -36.4260



77.7430, -9.5820, -2.5580



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.



100.7050, -41.9500, -10.6700



123.9130, -66.2030, -17.1710



79.5730, -32.0500, 8.1580



61.3200, -3.8970, -0.9610



79.7490, -71.6130, -18.2450



0.0000, 0.0000, 0.0000

Inverse Universe

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



83.8350, 23.8350, 36.1150



97.0240, 37.2650, 57.0490



103.4270, 32.0500, -8.1580



59.7770, 2.2460, 3.3500



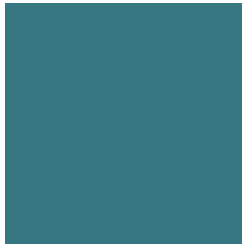
50.9260, 40.6570, 61.6570



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 100.7050, -41.9500, -10.6700 looks on a white background.

Color Contrast Check

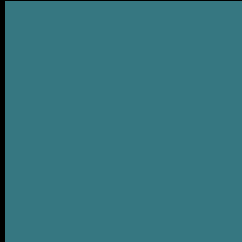
Large Text (above 18pt) WCAG AA ✓ Pass

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 100.7050, -41.9500, -10.6700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

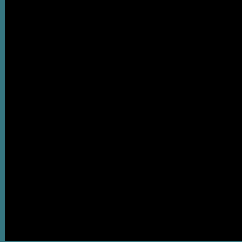
Any Text WCAG AA × Fail

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 100.7050, -41.9500, -10.6700 Background



This preview shows how black text looks on a background with the YIQ color 100.7050, -41.9500, -10.6700.



This preview shows how white text looks on a background with the YIQ color 100.7050, -41.9500,

-10.6700.

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

100.7050, -41.9500, -10.6700

Protanopia

110.1830, -4.7690, 3.8310

Deuteranopia

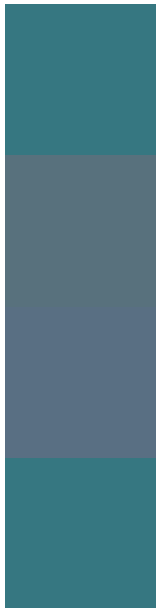
110.4480, -6.8330, 8.1990



Tritanopia

100.7050, -41.9500, -10.6700

Trichromacy



Original Color

100.7050, -41.9500, -10.6700

Protanomaly

106.8930, -18.7520, -1.5680

Deuteranomaly

106.7020, -19.5320, 1.5560

Tritanomaly

100.7050, -41.9500, -10.6700

Monochromacy



Original Color

100.7050, -41.9500, -10.6700

Achromatopsia

101.0000, -0.0000, 0.0000

Achromatomaly

101.1660, -15.2670, -4.1550

CSS Examples

Text

The CSS property to change the color of the text to YIQ 100.7050, -41.9500, -10.6700 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(54, 119, 129)` looks like.

```
.text, #text, p{  
    color:rgb(54, 119, 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(54, 119, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 119, 129) }
```

Border

The CSS property to change the border of an element to YIQ 100.7050, -41.9500, -10.6700 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(54, 119, 129) }
```


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

```
.border{ border-color:rgb(54, 119, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 119, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 119, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 119, 129);  
box-shadow:4px 4px 4px 4px rgb(54, 119,  
129) }
```

Background

The CSS property to change the background color of an element to YIQ 100.7050, -41.9500, -10.6700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 119, 129) }
```

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

```
.background{ background-color: rgb(54, 119,  
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](#).

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