

Converting Colors

YIQ(70.6530, -62.5350,
-17.5670)

Have a look what the booklet for
YIQ(70.6530, -62.5350, -17.5670)
contains.

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Color

**YIQ(70.6530, -62.5350,
-17.5670)**

Conversions

Conversions Part 1

Format	Color
Hex	00636E
RGB	0, 99, 110
RGB Percent	0%, 39%, 43%
CMY	1.0000, 0.6116, 0.5689
CMYK	1.00, 0.10, 0.00, 0.57
HSL	186°, 100%, 22%
HSV	186°, 100%, 43%
XYZ	7.2767, 10.0559, 16.2906
YIQ	70.6530, -62.5350, -17.5670

Conversions

Conversions Part 2

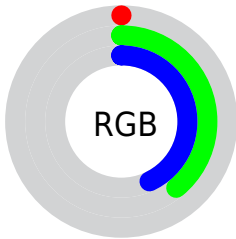
Format	Color
RYB	0, 52, 110
Decimal	25454
CIELab	37.94, -20.20, -13.17
CIELCh	38, 24.116, 213.102
Yxy	10.0559, 0.2164, 0.2991
Android (android.graphics.Color)	4278215534 (0xFF00636E)
YUV	70.6530, 19.3981, -61.9627
Hunter-Lab	31.7111, -14.5343, -8.2607

Details

The YIQ color **70.6530, -62.5350, -17.5670** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **39.3470, 62.5350, 17.5670**, and the grayscale version is **71.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **128.6440, -49.1480, -12.3800**, and **37.5920, -34.2020, -7.9140** is the 20% darker color. If you saturate the color by 10%, you get **70.6530, -62.5350, -17.5670**, and if you desaturate by 10%, it is **74.5290, -56.2540, -15.7580**.

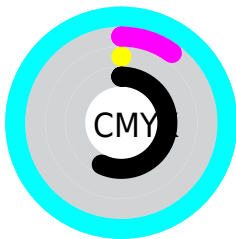
Distribution



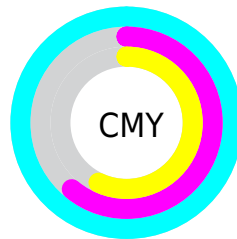
- Red (0%)
- Green (39%)
- Blue (43%)



- Red (0%)
- Yellow (20%)
- Blue (43%)



- Cyan (100%)
- Magenta (10%)
- Yellow (0%)
- Black (57%)



- Cyan (100%)
- Magenta (61%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 70.6530, -62.5350, -17.5670 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 70.6530, -62.5350, -17.5670 by changing the saturation by 10% instead.

70.6530, -62.5350,
-17.5670

70.6530, -62.5350,
-17.5670

255.0000, -0.0000,
-0.0000

53.8290, -48.2310,
-12.4790

128.5300,
-48.8270, -12.6910

37.5920, -34.2020,
-7.9140

155.9430,
-48.5520, -12.1680

23.3440, -21.6400,
-4.2960

183.2420,
-47.9560, -11.9560

2.8670, -6.6950,
5.6970

211.9430,
-48.5520, -12.1680

0.0000, 0.0000,
0.0000

234.3690,
-41.1240, -14.6280

243.0400,

-23.8400, -8.4800

■ 251.7110, -6.5560,
-2.3320

■ 70.6530, -62.5350,
-17.5670

■ 74.5290, -56.2540,
-15.7580

■ 78.4050, -49.9730,
-13.9490

■ 82.2810, -43.6920,
-12.1400

■ 86.1570, -37.4110,
-10.3310

■ 90.0330, -31.1300,
-8.5220

■ 94.4960, -25.1240,
-7.2360

■ 98.3720, -18.8430,
-5.4270

■ 102.2480,
-12.5620, -3.6180

■ 106.1240, -6.2810,
-1.8090

Harmonies

Analogous

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



77.4460, -40.0230, -18.0630



70.6530, -62.5350, -17.5670



78.8600, -49.5160, -5.7080

Triad

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



70.6530, -62.5350, -17.5670



92.0810, 13.6140, 17.5980



87.8430, 19.0750, -9.7970

Complementary

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



70.6530, -62.5350, -17.5670



39.3470, 62.5350, 17.5670

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.



89.0880, 28.9310, -1.1890



70.6530, -62.5350, -17.5670



91.1440, 26.4980, 15.3780

Square

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



70.6530, -62.5350, -17.5670



90.7350, -5.9630, 14.4610



90.1520, 32.0470, 8.4230



85.4820, 3.8540, -14.7860

Rectangle

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



70.6530, -62.5350, -17.5670



85.0300, -35.0750, 2.4050



90.1520, 32.0470, 8.4230



88.4630, 23.2010, -7.4790

Sweetspot

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



70.6530, -62.5350, -17.5670



127.7950, -24.5280, -7.0240



65.5960, -33.1390, -54.7310



62.3510, -14.3500, -4.2540



199.0000, -0.0000, 0.0000



71.0000, -0.0000, -0.0000

Same Dimension

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



70.6530, -62.5350, -17.5670



92.0250, -81.3780, -22.9940



39.5420, -47.9600, 10.1520



54.2060, -3.5760, -1.2720



77.0760, -68.2200, -19.1640



159.0590, -140.6120, -39.8120

Inverse Universe

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



44.1760, 33.7810, 54.1090



57.4630, 43.8190, 70.4350



70.4580, 47.9600, -10.1520



52.4780, 1.6500, 3.1380



48.1920, 36.8520, 59.0280



99.2750, 75.6290, 121.7170

Previews

White Background



This preview shows how the YIQ color 70.6530, -62.5350, -17.5670 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 70.6530, -62.5350, -17.5670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

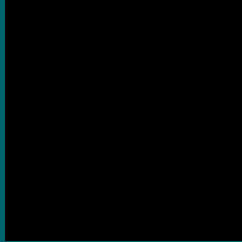
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 70.6530, -62.5350, -17.5670

Background



This preview shows how black text looks on a background with the YIQ color 70.6530, -62.5350, -17.5670.



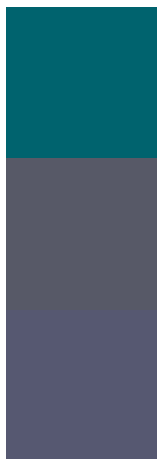
This preview shows how white text looks on a background with the YIQ color 70.6530, -62.5350,

-17.5670.

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

70.6530, -62.5350, -17.5670

Protanopia

89.9980, -5.6860, 3.9300

Deuteranopia

90.2520, -9.2170, 7.3510



Tritanopia

70.3110, -61.5720, -18.5000

Trichromacy



Original Color

70.6530, -62.5350, -17.5670

Protanomaly

83.1200, -26.8210, -4.0130

Deuteranomaly

83.2170, -28.4720, -1.6240

Tritanomaly

70.4250, -61.8930, -18.1890

Monochromacy



Original Color

70.6530, -62.5350, -17.5670

Achromatopsia

71.0000, -0.0000, -0.0000

Achromatomaly

70.6920, -22.7400, -6.3880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 70.6530, -62.5350, -17.5670 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(0, 99, 110)` looks like.

```
.text, #text, p{  
    color:rgb(0, 99, 110)  
}
```

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(0, 99, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 99, 110) }
```

Border

The CSS property to change the border of an element to YIQ 70.6530, -62.5350, -17.5670 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(0, 99, 110) }
```


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

```
.border{ border-color:rgb(0, 99, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 99, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 99, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 99, 110);  
box-shadow:4px 4px 4px 4px rgb(0, 99, 110)  
}
```

Background

The CSS property to change the background color of an element to YIQ 70.6530, -62.5350, -17.5670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 99, 110) }
```

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

```
.background{ background-color: rgb(0, 99,  
110) }
```

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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