

Converting Colors

YIQ(43.7050, -5.2780, 29.5860)

Have a look what the booklet for
YIQ(43.7050, -5.2780, 29.5860)
contains.

YIQ(43.7050, -5.2780, 29.5860)	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(43.7050, -5.2780,
29.5860)**

Conversions

Conversions Part 1

Format	Color
Hex	391A64
RGB	57, 26, 100
RGB Percent	22%, 10%, 39%
CMY	0.7763, 0.8981, 0.6079
CMYK	0.43, 0.74, 0.00, 0.61
HSL	265°, 59%, 25%
HSV	265°, 74%, 39%
XYZ	4.3575, 2.5287, 12.3099
YIQ	43.7050, -5.2780, 29.5860

Conversions

Conversions Part 2

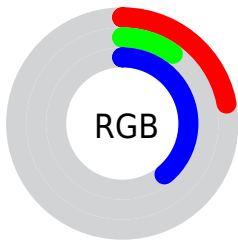
Format	Color
RYB	57, 26, 100
Decimal	3742308
CIELab	18.05, 32.19, -38.00
CIElCh	18, 49.807, 310.268
Yxy	2.5287, 0.2270, 0.1317
Android (android.graphics.Color)	4281932388 (0xFF391A64)
YUV	43.7050, 27.7534, 11.6597
Hunter-Lab	15.9019, 21.0849, -34.7663

Details

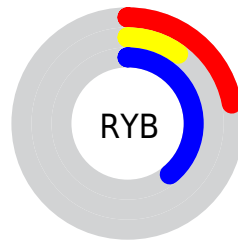
The YIQ color **43.7050, -5.2780, 29.5860** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **82.2950, 5.2780, -29.5860**, and the grayscale version is **43.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **91.8840, -4.2240, 32.5120**, and **8.4340, -12.2450, 18.1790** is the 20% darker color. If you saturate the color by 10%, you get **36.0410, -6.1040, 33.5440**, and if you desaturate by 10%, it is **51.3690, -4.4520, 25.6280**.

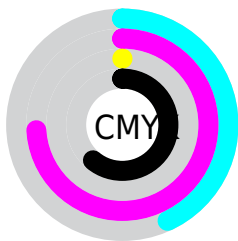
Distribution



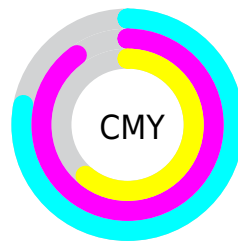
- Red (22%)
- Green (10%)
- Blue (39%)



- Red (22%)
- Yellow (10%)
- Blue (39%)



- Cyan (43%)
- Magenta (74%)
- Yellow (0%)
- Black (61%)



- Cyan (78%)
- Magenta (90%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 43.7050, -5.2780, 29.5860 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 43.7050, -5.2780, 29.5860 by changing the saturation by 10% instead.

43.7050, -5.2780,
29.5860

43.7050, -5.2780,
29.5860

255.0000, -0.0000,
-0.0000

20.2810, -7.0200,
28.1160

91.8840, -4.2240,
32.5120

8.4340, -12.2450,
18.1790

117.7100, -3.6740,
33.5580

4.5940, -10.1800,
8.2840

143.5360, -3.1240,
34.6040

0.0000, 0.0000,
0.0000

170.4760, -2.8950,
35.9610

196.9770, -0.0520,
33.9960

221.4970, 9.8070,

26.0230

240.9120, 6.6000,
12.5520

43.7050, -5.2780,
29.5860

43.7050, -5.2780,
29.5860

36.0410, -6.1040,
33.5440

51.3690, -4.4520,
25.6280

28.3770, -6.9300,
37.5020

59.0330, -3.6260,
21.6700

23.9580, -7.0680,
40.0040

66.3980, -3.3960,
17.5000

74.0620, -2.5700,
13.5420

81.7260, -1.7440,
9.5840

■ 89.3900, -0.9180,
5.6260

■ 97.0540, -0.0920,
1.6680

■ 104.4190, 0.1380,
-2.5020

■ 112.0830, 0.9640,
-6.4600

Harmonies

Analogous

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



39.6390, -49.6110, 12.5410



43.7050, -5.2780, 29.5860



35.9720, 33.8750, 41.3870

Triad

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



43.7050, -5.2780, 29.5860



41.4970, 35.0290, -1.5710



40.4300, -33.9260, -12.9180

Complementary

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



43.7050, -5.2780, 29.5860



82.2950, 5.2780, -29.5860

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.



35.5110, -21.4530, -24.2130



43.7050, -5.2780, 29.5860



41.0440, 13.8950, -15.0410

Square

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



43.7050, -5.2780, 29.5860



30.4650, 56.3910, 18.7830



31.6980, -14.8500, -28.2420



44.4200, -45.1610, -2.0330

Rectangle

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



43.7050, -5.2780, 29.5860



36.0410, 46.6220, 36.1420



31.6980, -14.8500, -28.2420



39.0620, -30.0740, -16.6500

Sweetspot

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



43.7050, -5.2780, 29.5860



107.8940, -2.1570, 11.5630



59.6770, -35.5790, 0.5250



53.0310, -1.2850, 6.7710



194.0000, -0.0000, 0.0000



66.0000, -0.0000, -0.0000

Same Dimension

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



43.7050, -5.2780, 29.5860



41.8750, -8.0320, 46.4640



54.7680, 16.7740, 37.4300



47.1680, -0.4130, 1.9790



27.4620, -8.3070, 45.9410



58.0860, -16.8900, 96.8860

Inverse Universe

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



53.0280, 30.3010, 29.0610



56.3220, 47.6290, 45.4290



71.2320, -16.7740, -37.4300



47.8370, 2.0170, 1.9930



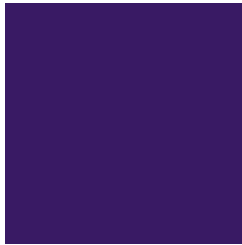
42.0230, 47.0330, 45.2170



88.4320, 98.9710, 95.1550

Previews

White Background



This preview shows how the YIQ color 43.7050, -5.2780, 29.5860 looks on a white background.

Color Contrast Check

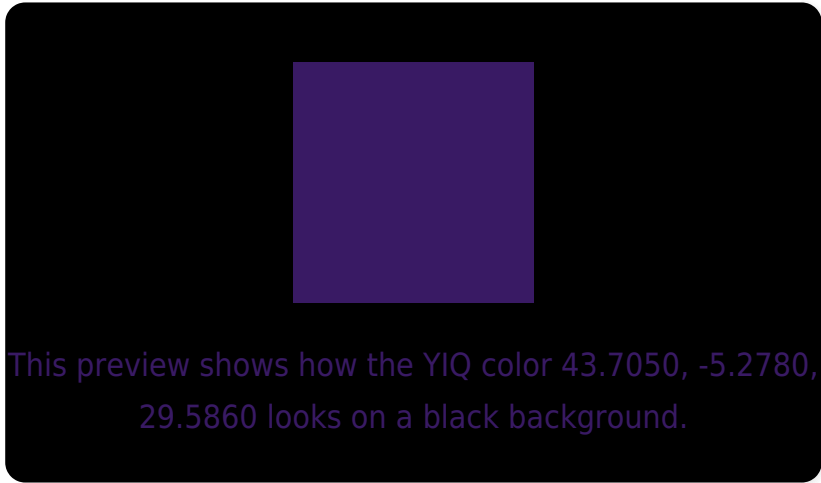
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

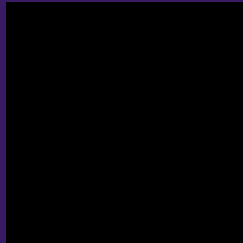
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 43.7050, -5.2780, 29.5860

Background



This preview shows how black text looks on a background with the YIQ color 43.7050, -5.2780, 29.5860.



This preview shows how white text looks on a background with the YIQ color 43.7050, -5.2780,

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

43.7050, -5.2780, 29.5860

Protanopia

36.3160, -41.6320, 5.6000

Deuteranopia

36.0080, -38.0090, 0.5110



Tritanopia

45.3420, -0.9630, 0.9330

Trichromacy



Original Color

43.7050, -5.2780, 29.5860

Protanomaly

38.8280, -28.1540, 14.6460

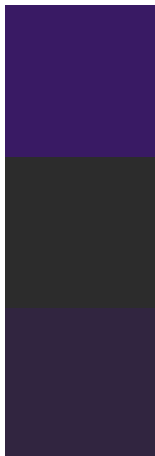
Deuteranomaly

39.0900, -26.1360, 11.1120

Tritanomaly

44.5950, -2.7530, 11.3510

Monochromacy



Original Color

43.7050, -5.2780, 29.5860

Achromatopsia

44.0000, -0.0000, -0.0000

Achromatomaly

43.6660, -1.5150, 10.9410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 43.7050, -5.2780, 29.5860 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(57, 26, 100)` looks like.

```
.text, #text, p{  
    color:rgb(57, 26, 100)  
}
```

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(57, 26, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 26, 100) }
```

Border

The CSS property to change the border of an element to YIQ 43.7050, -5.2780, 29.5860 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(57, 26, 100) }
```


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

```
.border{ border-color:rgb(57, 26, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 26, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 26, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 26, 100);  
box-shadow:4px 4px 4px 4px rgb(57, 26,  
100) }
```

Background

The CSS property to change the background color of an element to YIQ 43.7050, -5.2780, 29.5860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 26, 100) }
```

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

```
.background{ background-color: rgb(57, 26,  
100) }
```

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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