

Converting Colors

YIQ(41.5670, -5.5500, 12.4820)

Have a look what the booklet for
YIQ(41.5670, -5.5500, 12.4820)
contains.

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Color

**YIQ(41.5670, -5.5500,
12.4820)**

Conversions

Conversions Part 1

Format	Color
Hex	2C2345
RGB	44, 35, 69
RGB Percent	17%, 14%, 27%
CMY	0.8274, 0.8628, 0.7295
CMYK	0.36, 0.49, 0.00, 0.73
HSL	256°, 33%, 20%
HSV	256°, 49%, 27%
XYZ	2.7139, 2.1671, 5.9035
YIQ	41.5670, -5.5500, 12.4820

Conversions

Conversions Part 2

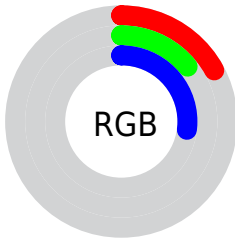
Format	Color
RYB	44, 35, 69
Decimal	2892613
CIELab	16.34, 13.42, -19.94
CIElCh	16, 24.035, 303.951
Yxy	2.1671, 0.2516, 0.2009
Android (android.graphics.Color)	4281082693 (0xFF2C2345)
YUV	41.5670, 13.5245, 2.1337
Hunter-Lab	14.7210, 7.1456, -13.4720




Details

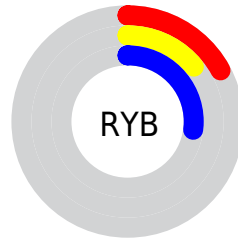
The YIQ color **41.5670, -5.5500, 12.4820** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **62.4330, 5.5500, -12.4820**, and the grayscale version is **41.0000, 0.0000, -0.0000**.




A 20% lighter version of the original color is **87.5070, -5.3210, 13.8390**, and **3.5510, -8.6210, 7.5630** is the 20% darker color. If you saturate the color by 10%, you get **35.9630, -6.6050, 15.0830**, and if you desaturate by 10%, it is **47.1710, -4.4950, 9.8810**.

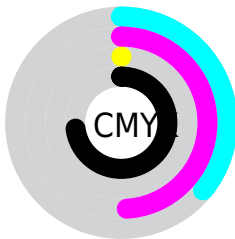
Distribution







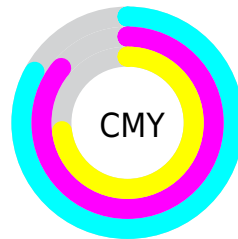
-  Red (17%)
-  Green (14%)
-  Blue (27%)






-  Red (17%)
-  Yellow (14%)
-  Blue (27%)



-  Cyan (36%)
-  Magenta (49%)
-  Yellow (0%)
-  Black (73%)



-  Cyan (83%)
-  Magenta (86%)
-  Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 41.5670, -5.5500, 12.4820 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 41.5670, -5.5500, 12.4820 by changing the saturation by 10% instead.

■ 41.5670, -5.5500,
12.4820

■ 41.5670, -5.5500,
12.4820

■ 255.0000, -0.0000,
-0.0000

■ 20.0400, -5.5040,
11.6480

■ 87.5070, -5.3210,
13.8390

■ 3.5510, -8.6210,
7.5630

■ 112.0340, -5.3670,
14.6730

■ 0.0000, 0.0000,
0.0000

■ 137.5610, -5.4130,
15.5070

■ 163.6750, -5.7340,
15.8180

■ 191.0880, -5.4590,
16.3410

■ 218.6150, -5.5050,

17.1750

■ 243.8360, 3.7580,
8.9900

■ 41.5670, -5.5500,
12.4820

■ 41.5670, -5.5500,
12.4820

■ 35.9630, -6.6050,
15.0830

■ 47.1710, -4.4950,
9.8810

■ 30.3590, -7.6600,
17.6840

■ 52.7750, -3.4400,
7.2800

■ 24.7550, -8.7150,
20.2850

■ 58.3790, -2.3850,
4.6790

■ 19.1510, -9.7700,
22.8860

■ 63.9830, -1.3300,
2.0780

■ 14.1340, -11.1000,
24.9640

■ 69.0000, -0.0000,
-0.0000

■ 13.2480, -11.4210,
25.2750

■ 74.6040, 1.0550,
-2.6010

■ 80.2080, 2.1100,
-5.2020

■ 86.1110, 3.7610,
-7.5910

■ 91.7150, 4.8160,
-10.1920

Harmonies

Analogous

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



34.6990, -32.6450, 2.4190



41.5670, -5.5500, 12.4820



41.6570, 11.8720, 16.1280

Triad

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



41.5670, -5.5500, 12.4820



39.1800, 25.6760, -2.7720



33.5510, -26.9570, -12.5650

Complementary

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



41.5670, -5.5500, 12.4820



62.4330, 5.5500, -12.4820

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.



31.6240, -20.0330, -16.9050



41.5670, -5.5500, 12.4820



37.8320, 17.6080, -10.7440

Square

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



41.5670, -5.5500, 12.4820



39.2870, 27.2330, 7.5610



36.2970, 2.9370, -14.6870



34.9020, -32.1390, -6.7550

Rectangle

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



41.5670, -5.5500, 12.4820



40.7350, 20.4000, 15.7600



36.2970, 2.9370, -14.6870



32.8670, -25.0310, -14.4310

Sweetspot

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



41.5670, -5.5500, 12.4820



78.3790, -2.3850, 4.6790



53.5510, -17.7890, -2.5010



39.5100, -1.3760, 2.9120



173.0000, -0.0000, 0.0000



46.0000, 0.0000, -0.0000

Same Dimension

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



41.5670, -5.5500, 12.4820



47.1140, -8.3480, 19.1400



46.3510, 3.9860, 15.8740



32.7550, -0.6880, 1.4560



19.0600, -16.2830, 36.3010



43.8180, -37.1070, 83.3170

Inverse Universe

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



48.0160, 12.2390, 14.9830



56.8800, 18.7940, 22.8420



57.3500, -4.5820, -16.0860



33.5380, 1.4210, 1.7810



37.9230, 35.5710, 43.6910



86.9110, 81.6850, 100.0610

Previews

White Background



This preview shows how the YIQ color 41.5670, -5.5500, 12.4820 looks on a white background.

Color Contrast Check

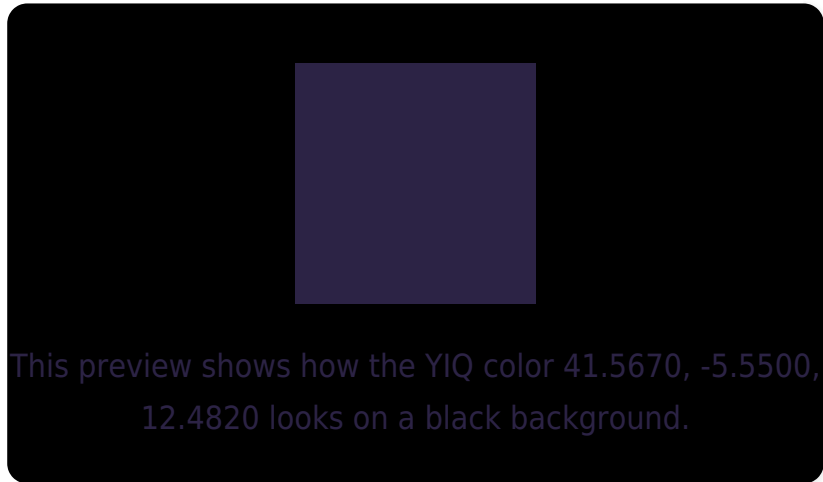
Large Text (above 18pt) WCAG AA ✓ Pass

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

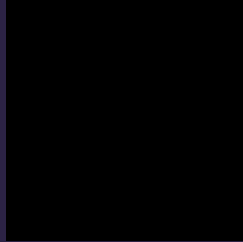
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 41.5670, -5.5500, 12.4820

Background



This preview shows how black text looks on a background with the YIQ color 41.5670, -5.5500, 12.4820.



This preview shows how white text looks on a background with the YIQ color 41.5670, -5.5500,

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

41.5670, -5.5500, 12.4820

Protanopia

38.9780, -20.1290, 6.8710

Deuteranopia

38.6960, -19.3950, 4.5810



Tritanopia

40.7440, -2.1550, 0.5090

Trichromacy



Original Color

41.5670, -5.5500, 12.4820

Protanomaly

39.7830, -15.0860, 9.0900

Deuteranomaly

39.9140, -14.0770, 7.3230

Tritanomaly

41.1940, -3.3020, 4.7780

Monochromacy



Original Color

41.5670, -5.5500, 12.4820

Achromatopsia

42.0000, -0.0000, -0.0000

Achromatomaly

41.6780, -1.7890, 4.8910

CSS Examples

Text

The CSS property to change the color of the text to YIQ 41.5670, -5.5500, 12.4820 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(44, 35, 69)` looks like.

```
.text, #text, p{  
    color:rgb(44, 35, 69)  
}
```

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(44, 35, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 35, 69) }
```

Border

The CSS property to change the border of an element to YIQ 41.5670, -5.5500, 12.4820 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(44, 35, 69) }
```


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

```
.border{ border-color:rgb(44, 35, 69) }
```

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

Here you see how a box with a 4 pixel rgb(44, 35, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 35, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 35, 69);  
box-shadow:4px 4px 4px 4px rgb(44, 35, 69)  
}
```

Background

The CSS property to change the background color of an element to YIQ 41.5670, -5.5500, 12.4820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 35, 69) }
```

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

```
.background{ background-color: rgb(44, 35,  
69) }
```

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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