

Converting Colors

YIQ(46.2830, 6.6930, 5.3570)

Have a look what the booklet for
YIQ(46.2830, 6.6930, 5.3570)
contains.

YIQ(46.2830, 6.6930, 5.3570)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

YIQ(46.2830, 6.6930, 5.3570)

Conversions

Conversions Part 1

Format	Color
Hex	382930
RGB	56, 41, 48
RGB Percent	22%, 16%, 19%
CMY	0.7804, 0.8392, 0.8117
CMYK	0.00, 0.27, 0.14, 0.78
HSL	332°, 15%, 19%
HSV	332°, 27%, 22%
XYZ	2.9578, 2.6399, 3.1506
YIQ	46.2830, 6.6930, 5.3570

Conversions

Conversions Part 2

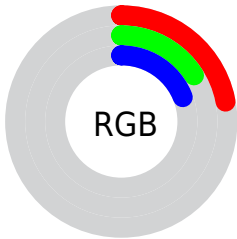
Format	Color
RYB	56, 41, 48
Decimal	3680560
CIELab	18.54, 8.39, -1.85
CIElCh	19, 8.592, 347.574
Yxy	2.6399, 0.3381, 0.3018
Android (android.graphics.Color)	4281870640 (0xFF382930)
YUV	46.2830, 0.8465, 8.5218
Hunter-Lab	16.2479, 4.0607, -0.1232

Details

The YIQ color **46.2830, 6.6930, 5.3570** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **50.7170, -6.6930, -5.3570**, and the grayscale version is **46.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **91.9950, 7.5640, 6.0920**, and **1.4950, 2.9800, 1.0600** is the 20% darker color. If you saturate the color by 10%, you get **42.4190, 9.3060, 7.5620**, and if you desaturate by 10%, it is **50.1470, 4.0800, 3.1520**.

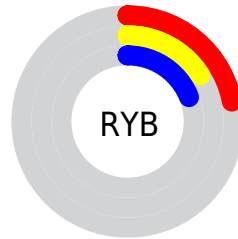
Distribution



 Red (22%)

 Green (16%)

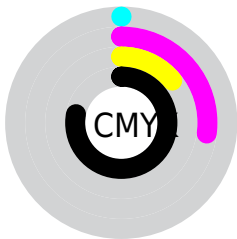
 Blue (19%)



 Red (22%)

 Yellow (16%)

 Blue (19%)

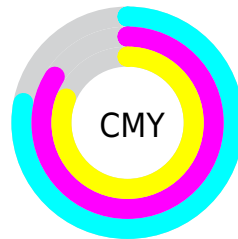


 Cyan (0%)

 Magenta (27%)

 Yellow (14%)

 Black (78%)



 Cyan (78%)

 Magenta (84%)

 Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 46.2830, 6.6930, 5.3570 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 46.2830, 6.6930, 5.3570 by changing the saturation by 10% instead.

■ 46.2830, 6.6930,
5.3570

■ 46.2830, 6.6930,
5.3570

■ 255.0000, -0.0000,
-0.0000

■ 25.5710, 5.8220,
4.6220

■ 91.9950, 7.5640,
6.0920

■ 1.4950, 2.9800,
1.0600

■ 116.9950, 7.5640,
6.0920

■ 0.0000, 0.0000,
0.0000

■ 142.2940, 8.1600,
6.3040

■ 168.7070, 8.4350,
6.8270

■ 196.0060, 9.0310,
7.0390

■ 224.0060, 9.0310,

7.0390

249.7170, 2.4750,
4.7070

46.2830, 6.6930,
5.3570

46.2830, 6.6930,
5.3570

42.4190, 9.3060,
7.5620

50.1470, 4.0800,
3.1520

39.1420, 11.6440,
9.2440

53.4240, 1.7420,
1.4700

35.2780, 14.2570,
11.4490

57.2880, -0.8710,
-0.7350

32.0010, 16.5950,
13.1310

60.5650, -3.2090,
-2.4170

28.1370, 19.2080,
15.3360

64.4290, -5.8220,
-4.6220

■ 24.2730, 21.8210,
17.5410

■ 68.2930, -8.4350,
-6.8270

■ 20.9960, 24.1590,
19.2230

■ 71.5700, -10.7730,
-8.5090

■ 19.7080, 25.0300,
19.9580

■ 75.4340, -13.3860,
-10.7140

■ 78.7110, -15.7240,
-12.3960

Harmonies

Analogous

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



46.0590, 1.5120, 5.6400



46.2830, 6.6930, 5.3570



46.1970, 9.8110, 3.9150

Triad

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



46.2830, 6.6930, 5.3570



44.5180, 4.1730, -4.0430



43.0030, -13.2500, -2.1620

Complementary

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



46.2830, 6.6930, 5.3570



50.7170, -6.6930, -5.3570

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.



42.7210, -12.5160, -4.4520



46.2830, 6.6930, 5.3570



44.0550, -1.8330, -5.3290

Square

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



46.2830, 6.6930, 5.3570



45.1380, 8.2990, -1.7250



43.1190, -7.8850, -5.7810



44.5520, -10.3620, 0.5660

Rectangle

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



46.2830, 6.6930, 5.3570



45.4420, 10.4990, 2.4590



43.1190, -7.8850, -5.7810



42.4760, -13.2040, -2.9960

Sweetspot

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



46.2830, 6.6930, 5.3570



70.1360, 2.6130, 2.2050



45.1020, -0.0470, 6.3610



35.4240, 1.7420, 1.4700



166.0000, -0.0000, 0.0000



38.0000, -0.0000, -0.0000

Same Dimension

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



46.2830, 6.6930, 5.3570



58.4300, 10.7730, 8.5090



45.4850, 8.9400, 3.1800



26.1250, 1.1460, 1.2580



32.4100, 41.0290, 32.8770



77.1090, 97.7820, 78.1500

Inverse Universe

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



46.2830, 6.6930, 5.3570



58.4300, 10.7730, 8.5090



51.5150, -8.9400, -3.1800



26.1250, 1.1460, 1.2580



32.4100, 41.0290, 32.8770



77.1090, 97.7820, 78.1500

Previews

White Background



This preview shows how the YIQ color 46.2830, 6.6930, 5.3570 looks on a white background.

Color Contrast Check

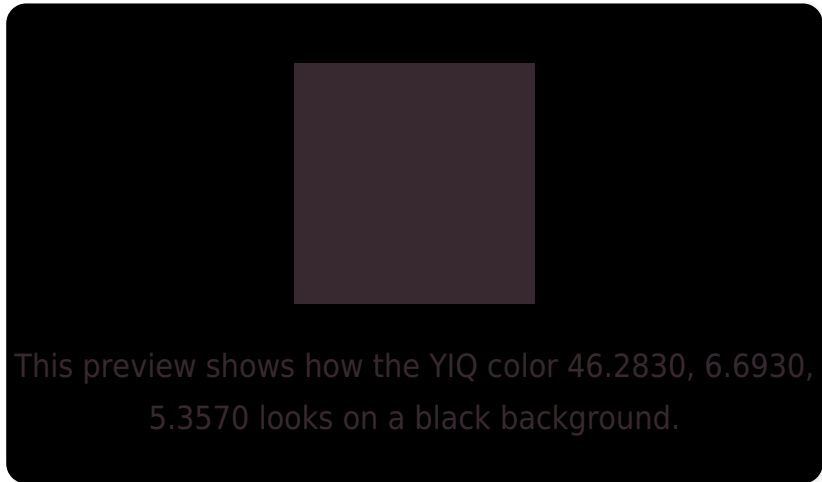
Large Text (above 18pt) WCAG AA ✓ Pass

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 46.2830, 6.6930, 5.3570

Background



This preview shows how black text looks on a background with the YIQ color 46.2830, 6.6930, 5.3570.



This preview shows how white text looks on a background with the YIQ color 46.2830, 6.6930, 5.3570.

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

46.2830, 6.6930, 5.3570

Protanopia

45.5700, -1.6050, 1.5550

Deuteranopia

45.8370, 2.0170, 1.9930



Tritanopia

46.5280, 7.3810, 3.9010

Trichromacy



Original Color

46.2830, 6.6930, 5.3570

Protanomaly

46.0650, 1.3750, 2.6150

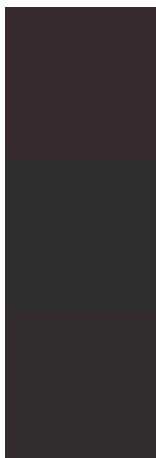
Deuteranomaly

46.1470, 4.0800, 3.1520

Tritanomaly

46.6420, 7.0600, 4.2120

Monochromacy



Original Color

46.2830, 6.6930, 5.3570

Achromatopsia

46.0000, 0.0000, -0.0000

Achromatomaly

46.1360, 2.6130, 2.2050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 46.2830, 6.6930, 5.3570 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(56, 41, 48)` looks like.

```
.text, #text, p{  
    color:rgb(56, 41, 48)  
}
```

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(56, 41, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 41, 48) }
```

Border

The CSS property to change the border of an element to YIQ 46.2830, 6.6930, 5.3570 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(56, 41, 48) }
```

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

```
.border{ border-color:rgb(56, 41, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 41, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 41, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 41, 48);  
box-shadow:4px 4px 4px 4px rgb(56, 41, 48)  
}
```


Background

The CSS property to change the background color of an element to YIQ 46.2830, 6.6930, 5.3570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 41, 48) }
```

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

```
.background{ background-color: rgb(56, 41,  
48) }
```

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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