

Converting Colors

YIQ(46.6210, 11.5530, 5.3850)

Have a look what the booklet for
YIQ(46.6210, 11.5530, 5.3850)
contains.

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Color

**YIQ(46.6210, 11.5530,
5.3850)**

Conversions

Conversions Part 1

Format	Color
Hex	3D282B
RGB	61, 40, 43
RGB Percent	24%, 16%, 17%
CMY	0.7607, 0.8432, 0.8313
CMYK	0.00, 0.34, 0.30, 0.76
HSL	351°, 21%, 20%
HSV	351°, 34%, 24%
XYZ	3.1200, 2.6840, 2.6402
YIQ	46.6210, 11.5530, 5.3850

Conversions

Conversions Part 2

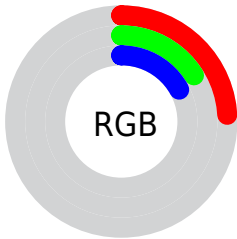
Format	Color
R_{YB}	61, 40, 43
Decimal	4007979
CIE _{Lab}	18.73, 10.39, 1.99
CIE _{LCh}	19, 10.581, 10.859
Yxy	2.6840, 0.3695, 0.3179
Android (android.graphics.Color)	4282198059 (0xFF3D282B)
YUV	46.6210, -1.7852, 12.6104
Hunter-Lab	16.3829, 5.3240, 1.9132

Details

The YIQ color **46.6210, 11.5530, 5.3850** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **54.3790, -11.5530, -5.3850**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **92.5180, 13.3410, 6.0210**, and **3.8870, 7.7480, 2.7560** is the 20% darker color. If you saturate the color by 10%, you get **42.5290, 14.8080, 6.9680**, and if you desaturate by 10%, it is **50.7130, 8.2980, 3.8020**.

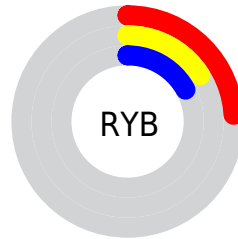
Distribution



Red (24%)

Green (16%)

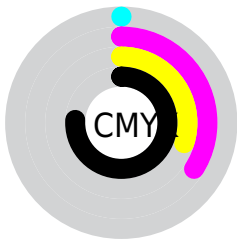
Blue (17%)



Red (24%)

Yellow (16%)

Blue (17%)

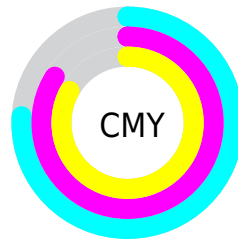


Cyan (0%)

Magenta (34%)

Yellow (30%)

Black (76%)



Cyan (76%)

Magenta (84%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 46.6210, 11.5530, 5.3850 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 46.6210, 11.5530, 5.3850 by changing the saturation by 10% instead.

■ 46.6210, 11.5530,
5.3850

■ 46.6210, 11.5530,
5.3850

■ 255.0000, -0.0000,
-0.0000

■ 26.0230, 10.3610,
4.9610

■ 92.5180, 13.3410,
6.0210

■ 3.8870, 7.7480,
2.7560

■ 117.8170, 13.9370,
6.2330

■ 0.0000, 0.0000,
0.0000

■ 143.1160, 14.5330,
6.4450

■ 169.4150, 15.1290,
6.6570

■ 196.8280, 15.4040,
7.1800

■ 225.0130, 16.3210,

7.0810

248.3320, 4.9970,
3.0530

46.6210, 11.5530,
5.3850

46.6210, 11.5530,
5.3850

42.5290, 14.8080,
6.9680

50.7130, 8.2980,
3.8020

38.4370, 18.0630,
8.5510

54.8050, 5.0430,
2.2190

34.2310, 21.6390,
9.8230

59.0110, 1.4670,
0.9470

30.1390, 24.8940,
11.4060

63.1030, -1.7880,
-0.6360

25.4600, 28.4240,
13.5120

67.1950, -5.0430,
-2.2190

■ 21.3680, 31.6790,
15.0950

■ 71.8740, -8.5730,
-4.3250

■ 19.2650, 33.4670,
15.7310

■ 76.0800, -12.1490,
-5.5970

■ 80.1720, -15.4040,
-7.1800

■ 84.2640, -18.6590,
-8.7630

Harmonies

Analogous

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



47.2230, 6.9220, 6.7140



46.6210, 11.5530, 5.3850



46.1110, 12.9290, 2.4730

Triad

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



46.6210, 11.5530, 5.3850



44.0120, -0.2740, -6.0500



43.9860, -14.5800, -0.0840

Complementary

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



46.6210, 11.5530, 5.3850



54.3790, -11.5530, -5.3850

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.



41.9100, -17.4220, -3.6460



46.6210, 11.5530, 5.3850



42.5920, -7.8390, -6.6150

Square

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



46.6210, 11.5530, 5.3850



44.7740, 6.3280, -4.5520



41.9980, -14.8540, -6.1340



45.3290, -8.1160, 3.9160

Rectangle

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



46.6210, 11.5530, 5.3850



45.9320, 11.8750, -0.4530



41.9980, -14.8540, -6.1340



42.9750, -16.0470, -1.0310

Sweetspot

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



46.6210, 11.5530, 5.3850



73.5060, 4.4470, 2.0070



47.7760, 3.9870, 10.3470



37.6090, 2.6590, 1.3710



168.0000, -0.0000, -0.0000



41.0000, 0.0000, -0.0000

Same Dimension

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



46.6210, 11.5530, 5.3850



57.0240, 17.7880, 8.0280



50.3880, 10.5910, 0.7910



28.8970, 1.7880, 0.6360



29.7020, 51.5300, 24.2820



70.0260, 122.0400, 57.0160

Inverse Universe

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



46.6210, 11.5530, 5.3850



57.0240, 17.7880, 8.0280



50.6120, -10.5910, -0.7910



28.8970, 1.7880, 0.6360



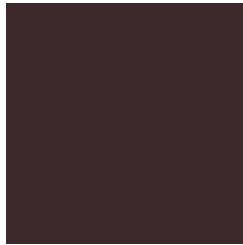
29.7020, 51.5300, 24.2820



70.0260, 122.0400, 57.0160

Previews

White Background



This preview shows how the YIQ color 46.6210, 11.5530, 5.3850 looks on a white background.

Color Contrast Check

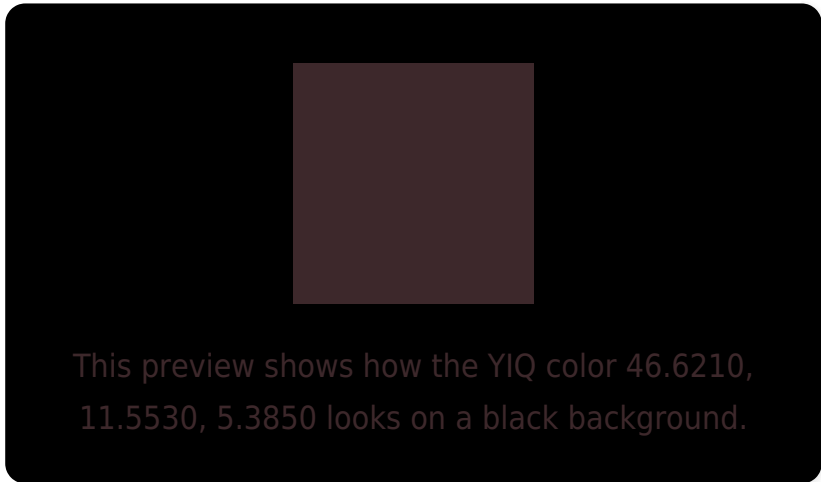
Large Text (above 18pt) WCAG AA ✓ Pass

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

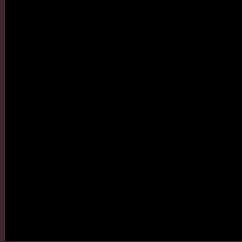
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 46.6210, 11.5530, 5.3850

Background



This preview shows how black text looks on a background with the YIQ color 46.6210, 11.5530, 5.3850.

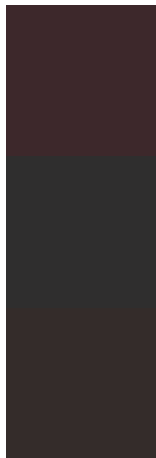


This preview shows how white text looks on a background with the YIQ color 46.6210, 11.5530,

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

46.6210, 11.5530, 5.3850

Protanopia

46.2990, 0.5960, 0.2120

Deuteranopia

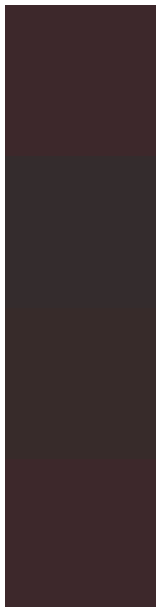
46.1640, 5.4100, 1.0740



Tritanopia

46.6210, 11.5530, 5.3850

Trichromacy



Original Color

46.6210, 11.5530, 5.3850

Protanomaly

46.5060, 4.4470, 2.0070

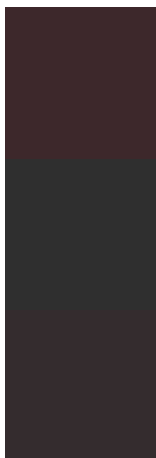
Deuteranomaly

46.4740, 7.4730, 2.2330

Tritanomaly

46.6210, 11.5530, 5.3850

Monochromacy



Original Color

46.6210, 11.5530, 5.3850

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

46.6200, 4.1260, 2.3180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 46.6210, 11.5530, 5.3850 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(61, 40, 43)` looks like.

```
.text, #text, p{  
    color:rgb(61, 40, 43)  
}
```

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(61, 40, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 40, 43) }
```

Border

The CSS property to change the border of an element to YIQ 46.6210, 11.5530, 5.3850 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(61, 40, 43) }
```


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

```
.border{ border-color:rgb(61, 40, 43) }
```

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

Here you see how a box with a 4 pixel rgb(61, 40, 43) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 40, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 40, 43);  
box-shadow:4px 4px 4px 4px rgb(61, 40, 43)  
}
```

Background

The CSS property to change the background color of an element to YIQ 46.6210, 11.5530, 5.3850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 40, 43) }
```

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

```
.background{ background-color: rgb(61, 40,  
43) }
```

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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