

Converting Colors

YIQ(46.1130, 18.6150, -1.4570)

Have a look what the booklet for
YIQ(46.1130, 18.6150, -1.4570)
contains.

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Color

**YIQ(46.1130, 18.6150,
-1.4570)**

Conversions

Conversions Part 1

Format	Color
Hex	3F2A17
RGB	63, 42, 23
RGB Percent	25%, 16%, 9%
CMY	0.7529, 0.8353, 0.9097
CMYK	0.00, 0.33, 0.63, 0.75
HSL	28°, 46%, 17%
HSV	28°, 63%, 25%
XYZ	3.0331, 2.7743, 1.1874
YIQ	46.1130, 18.6150, -1.4570

Conversions

Conversions Part 2

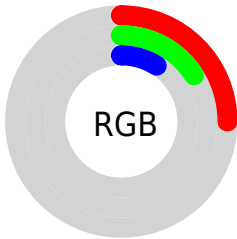
Format	Color
R_{YB}	63, 59, 23
Decimal	4139543
CIE Lab	19.12, 7.23, 16.19
CIE LCh	19, 17.734, 65.944
Yxy	2.7743, 0.4336, 0.3966
Android (android.graphics.Color)	4282329623 (0xFF3F2A17)
YUV	46.1130, -11.3947, 14.8099
Hunter-Lab	16.6563, 3.3556, 7.4326

Details

The YIQ color **46.1130, 18.6150, -1.4570** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **39.8870, -18.6150, 1.4570**, and the grayscale version is **46.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **92.0810, 21.6410, -1.2310**, and **2.6910, 5.3640, 1.9080** is the 20% darker color. If you saturate the color by 10%, you get **43.6680, 21.3660, -1.7540**, and if you desaturate by 10%, it is **48.5580, 15.8640, -1.1600**.

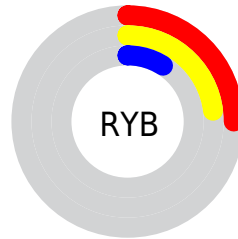
Distribution



 Red (25%)

 Green (16%)

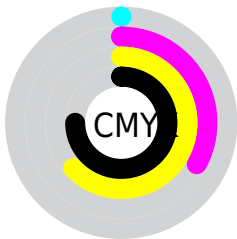
 Blue (9%)



 Red (25%)

 Yellow (23%)

 Blue (9%)

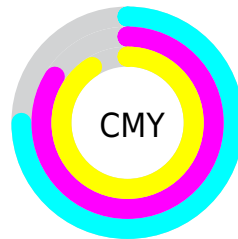


 Cyan (0%)

 Magenta (33%)

 Yellow (63%)

 Black (75%)



 Cyan (75%)

 Magenta (84%)

 Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 46.1130, 18.6150, -1.4570 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 46.1130, 18.6150, -1.4570 by changing the saturation by 10% instead.

■ 46.1130, 18.6150,
-1.4570

■ 46.1130, 18.6150,
-1.4570

■ 254.4300, 1.6050,
-1.5550

■ 24.5860, 18.6610,
-2.2910

■ 92.0810, 21.6410,
-1.2310

■ 2.6910, 5.3640,
1.9080

■ 117.2660, 22.5580,
-1.3300

■ 0.0000, 0.0000,
0.0000

■ 142.7500, 24.0710,
-1.2170

■ 169.3480, 25.2630,
-0.7930

■ 196.5330, 26.1800,
-0.8920

■ 224.7180, 27.0970,

-0.9910

■ 246.4280, 13.1140,
-6.3900

■ 46.1130, 18.6150,
-1.4570

■ 46.1130, 18.6150,
-1.4570

■ 43.6680, 21.3660,
-1.7540

■ 48.5580, 15.8640,
-1.1600

■ 40.5220, 24.7130,
-1.8390

■ 51.7040, 12.5170,
-1.0750

■ 38.0770, 27.4640,
-2.1360

■ 54.1490, 9.7660,
-0.7780

■ 36.4470, 29.2980,
-2.3340

■ 56.5940, 7.0150,
-0.4810

■ 59.7400, 3.6680,
-0.3960

■ 62.1850, 0.9170,
-0.0990

■ 64.6300, -1.8340,
0.1980

■ 67.0750, -4.5850,
0.4950

■ 70.2210, -7.9320,
0.5800

Harmonies

Analogous

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



46.8840, 20.9980, 4.9180



46.1130, 18.6150, -1.4570



44.8300, 11.9220, -6.8140

Triad

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



46.1130, 18.6150, -1.4570



36.6970, -30.3040, -12.4800



47.5410, -2.6610, 9.6830

Complementary

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



46.1130, 18.6150, -1.4570



39.8870, -18.6150, 1.4570

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.



45.0660, -17.5610, 4.3830



46.1130, 18.6150, -1.4570



38.0650, -34.1560, -8.7480

Square

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



46.1130, 18.6150, -1.4570



41.0920, -12.4230, -11.6470



38.5150, -35.3030, -4.4790



48.2390, 9.9930, 11.6330

Rectangle

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



46.1130, 18.6150, -1.4570



44.2420, 4.7700, -9.3580



38.5150, -35.3030, -4.4790



47.2630, -7.7500, 8.2980

Sweetspot

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



46.1130, 18.6150, -1.4570



74.8930, 7.6110, -0.2690



37.3540, 17.0990, 15.0110



36.9250, 4.5850, -0.4950



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.



46.1130, 18.6150, -1.4570



55.5610, 28.9770, -2.0230



57.8530, 13.1150, -11.9170



29.4840, 1.5130, 0.1130



54.5210, 43.6490, -3.6070



128.0130, 103.4370, -7.8510

Inverse Universe

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



39.8870, -18.6150, 1.4570



45.8520, -28.7020, 2.5460



28.1470, -13.1150, 11.9170



28.9290, -1.2380, 0.4100



40.0660, -43.9240, 3.0840



93.9870, -103.4370, 7.8510

Previews

White Background



This preview shows how the YIQ color 46.1130, 18.6150, -1.4570 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

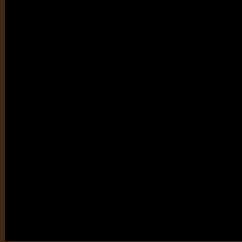
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 46.1130, 18.6150, -1.4570

Background



This preview shows how black text looks on a background with the YIQ color 46.1130, 18.6150, -1.4570.



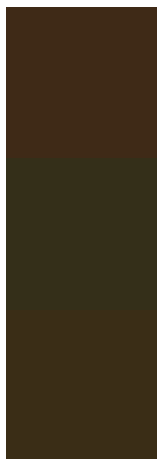
This preview shows how white text looks on a background with the YIQ color 46.1130, 18.6150,

-1.4570.

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

46.1130, 18.6150, -1.4570

Protanopia

45.9870, 10.0420, -5.7820

Deuteranopia

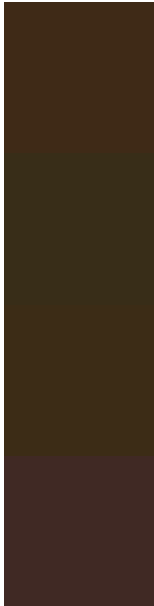
46.2650, 15.1310, -4.3970



Tritanopia

47.5180, 13.3410, 6.0210

Trichromacy



Original Color

46.1130, 18.6150, -1.4570

Protanomaly

45.8950, 13.2970, -4.1990

Deuteranomaly

46.2760, 16.5980, -3.4500

Tritanomaly

47.3070, 15.3130, 3.3210

Monochromacy



Original Color

46.1130, 18.6150, -1.4570

Achromatopsia

46.0000, 0.0000, -0.0000

Achromatomaly

46.2950, 6.4190, -0.6930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 46.1130, 18.6150, -1.4570 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(63, 42, 23)` looks like.

```
.text, #text, p{  
    color:rgb(63, 42, 23)  
}
```

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(63, 42, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 42, 23) }
```

Border

The CSS property to change the border of an element to YIQ 46.1130, 18.6150, -1.4570 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(63, 42, 23) }
```


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

```
.border{ border-color:rgb(63, 42, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 42, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 42, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 42, 23);  
box-shadow:4px 4px 4px 4px rgb(63, 42, 23)  
}
```

Background

The CSS property to change the background color of an element to YIQ 46.1130, 18.6150, -1.4570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 42, 23) }
```

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

```
.background{ background-color: rgb(63, 42,  
23) }
```

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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