

Converting Colors

YIQ(66.4140, 43.2330, 14.9530)

Have a look what the booklet for
YIQ(66.4140, 43.2330, 14.9530)
contains.

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Color

**YIQ(66.4140, 43.2330,
14.9530)**

Conversions

Conversions Part 1

Format	Color
Hex	752D2C
RGB	117, 45, 44
RGB Percent	46%, 18%, 17%
CMY	0.5410, 0.8236, 0.8273
CMYK	0.00, 0.62, 0.62, 0.54
HSL	1°, 45%, 32%
HSV	1°, 62%, 46%
XYZ	8.7347, 5.8416, 3.0544
YIQ	66.4140, 43.2330, 14.9530

Conversions

Conversions Part 2

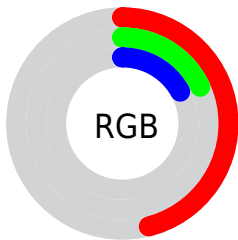
Format	Color
RYB	117, 45, 44
Decimal	7679276
CIELab	29.01, 31.63, 16.83
CIElCh	29, 35.830, 28.021
Yxy	5.8416, 0.4954, 0.3313
Android (android.graphics.Color)	4285869356 (0xFF752D2C)
YUV	66.4140, -11.0501, 44.3639
Hunter-Lab	24.1693, 22.2125, 9.4258

Details

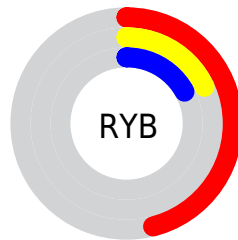
The YIQ color **66.4140, 43.2330, 14.9530** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **94.5860, -43.2330, -14.9530**, and the grayscale version is **66.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **117.1650, 48.3680, 15.5040**, and **19.1360, 38.1440, 13.5680** is the 20% darker color. If you saturate the color by 10%, you get **58.0020, 50.3850, 17.4970**, and if you desaturate by 10%, it is **74.8260, 36.0810, 12.4090**.

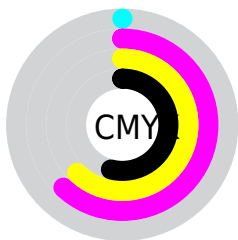
Distribution



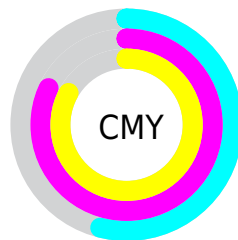
- Red (46%)
- Green (18%)
- Blue (17%)



- Red (46%)
- Yellow (18%)
- Blue (17%)



- Cyan (0%)
- Magenta (62%)
- Yellow (62%)
- Black (54%)



- Cyan (54%)
- Magenta (82%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 66.4140, 43.2330, 14.9530 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 66.4140, 43.2330, 14.9530 by changing the saturation by 10% instead.

66.4140, 43.2330,
14.9530

66.4140, 43.2330,
14.9530

255.0000, -0.0000,
-0.0000

41.2720, 40.7570,
15.7730

117.1650, 48.3680,
15.5040

19.1360, 38.1440,
13.5680

143.2470, 51.0730,
16.0410

12.0740, 23.5190,
8.7910

170.7310, 52.5860,
16.1540

0.0000, 0.0000,
0.0000

196.7200, 51.1190,
15.2070

215.6470, 35.0270,
9.4830

235.8620, 18.0640,

3.0240

254.4300, 1.6050,
-1.5550

66.4140, 43.2330,
14.9530

66.4140, 43.2330,
14.9530

58.0020, 50.3850,
17.4970

74.8260, 36.0810,
12.4090

50.2910, 56.9410,
19.8290

82.5370, 29.5250,
10.0770

41.8790, 64.0930,
22.3730

90.9490, 22.3730,
7.5330

35.5700, 69.4570,
24.2810

98.7740, 15.4960,
5.5120

107.1860, 8.3440,
2.9680

■ 114.8970, 1.7880,
0.6360

■ 123.3090, -5.3640,
-1.9080

■ 131.1340,
-12.2410, -3.9290

■ 139.4320,
-19.0720, -6.7840

Harmonies

Analogous

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



67.4320, 34.7950, 24.7070



66.4140, 43.2330, 14.9530



66.6610, 40.4390, -0.4970

Triad

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



66.4140, 43.2330, 14.9530



54.7770, -25.2580, -26.8420



56.4000, -59.6040, 0.9080

Complementary

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



66.4140, 43.2330, 14.9530



94.5860, -43.2330, -14.9530

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.



59.4830, -58.6400, -5.5520



66.4140, 43.2330, 14.9530



55.0710, -43.4610, -21.8370

Square

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



66.4140, 43.2330, 14.9530



62.0770, 9.1280, -22.2640



58.2630, -52.4490, -13.1290



69.2810, -16.1880, 18.0520

Rectangle

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



66.4140, 43.2330, 14.9530



65.5150, 34.6180, -10.6460



58.2630, -52.4490, -13.1290



58.0470, -60.1080, -0.9720

Sweetspot

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



66.4140, 43.2330, 14.9530



132.6710, 17.2840, 6.1480



74.1490, 20.0750, 38.1790



64.3820, 10.7280, 3.8160



204.0000, -0.0000, -0.0000



77.0000, -0.0000, -0.0000

Same Dimension

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



66.4140, 43.2330, 14.9530



73.5590, 67.9900, 23.3340



87.5460, 33.3330, -3.8750



54.7940, 3.5760, 1.2720



37.6520, 72.1620, 24.8180



76.5110, 148.1750, 51.4310

Inverse Universe

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



94.5860, -43.2330, -14.9530



118.0280, -68.2650, -23.8570



74.0410, -33.6080, 3.3520



57.2060, -3.5760, -1.2720



84.9350, -72.4370, -25.3410



173.4890, -148.1750, -51.4310

Previews

White Background



This preview shows how the YIQ color 66.4140, 43.2330, 14.9530 looks on a white background.

Color Contrast Check

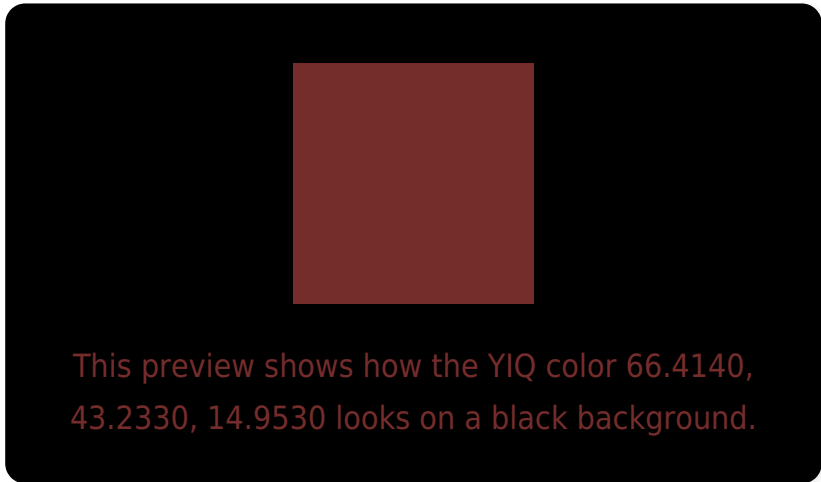
Large Text (above 18pt) WCAG AA ✓ Pass

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

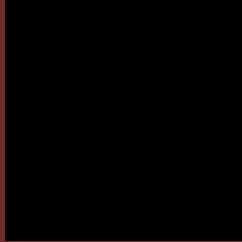
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 66.4140, 43.2330, 14.9530

Background



This preview shows how black text looks on a background with the YIQ color 66.4140, 43.2330, 14.9530.

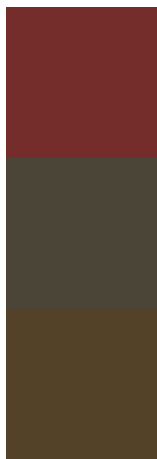


This preview shows how white text looks on a background with the YIQ color 66.4140, 43.2330,

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

66.4140, 43.2330, 14.9530

Protanopia

68.7850, 7.7950, -3.6050

Deuteranopia

68.4180, 19.0740, -4.2700



Tritanopia

66.1690, 42.5450, 16.4090

Trichromacy



Original Color

66.4140, 43.2330, 14.9530

Protanomaly

67.8300, 21.0900, 3.2500

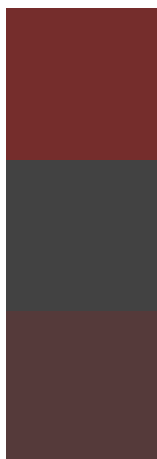
Deuteranomaly

67.4240, 28.1050, 2.7690

Tritanomaly

66.0550, 42.8660, 16.0980

Monochromacy



Original Color

66.4140, 43.2330, 14.9530

Achromatopsia

66.0000, -0.0000, -0.0000

Achromatomaly

66.0730, 16.0920, 5.7240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 66.4140, 43.2330, 14.9530 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(117, 45, 44)` looks like.

```
.text, #text, p{  
    color:rgb(117, 45, 44)  
}
```

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(117, 45, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 45, 44) }
```

Border

The CSS property to change the border of an element to YIQ 66.4140, 43.2330, 14.9530 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(117, 45, 44) }
```


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

```
.border{ border-color:rgb(117, 45, 44) }
```

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

Here you see how a box with a 4 pixel rgb(117, 45, 44) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 45, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 45, 44);  
box-shadow:4px 4px 4px 4px rgb(117, 45,  
44) }
```

Background

The CSS property to change the background color of an element to YIQ 66.4140, 43.2330, 14.9530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 45, 44) }
```

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

```
.background{ background-color: rgb(117, 45,  
44) }
```

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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