

Converting Colors

YIQ(47.3630, 30.0750, 11.1230)

Have a look what the booklet for
YIQ(47.3630, 30.0750, 11.1230)
contains.

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Color

**YIQ(47.3630, 30.0750,
11.1230)**

Conversions

Conversions Part 1

Format	Color
Hex	532021
RGB	83, 32, 33
RGB Percent	33%, 13%, 13%
CMY	0.6744, 0.8746, 0.8705
CMYK	0.00, 0.61, 0.60, 0.67
HSL	359°, 44%, 23%
HSV	359°, 61%, 33%
XYZ	4.3609, 2.9823, 1.7869
YIQ	47.3630, 30.0750, 11.1230

Conversions

Conversions Part 2

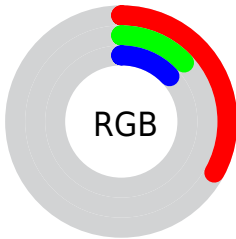
Format	Color
RYB	83, 32, 33
Decimal	5447713
CIELab	19.97, 23.94, 11.20
CIELCh	20, 26.433, 25.064
Yxy	2.9823, 0.4776, 0.3266
Android (android.graphics.Color)	4283637793 (0xFF532021)
YUV	47.3630, -7.0810, 31.2536
Hunter-Lab	17.2692, 14.8544, 5.9537

Details

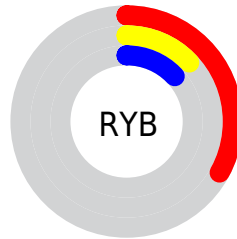
The YIQ color **47.3630, 30.0750, 11.1230** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **67.6370, -30.0750, -11.1230**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **95.2280, 34.8890, 11.9850**, and **11.1770, 21.7310, 8.1550** is the 20% darker color. If you saturate the color by 10%, you get **41.7550, 34.8430, 12.8190**, and if you desaturate by 10%, it is **52.9710, 25.3070, 9.4270**.

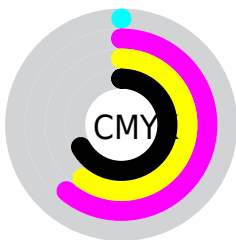
Distribution



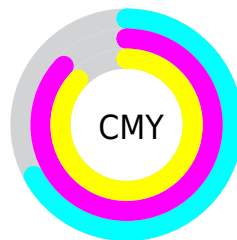
- Red (33%)
- Green (13%)
- Blue (13%)



- Red (33%)
- Yellow (13%)
- Blue (13%)



- Cyan (0%)
- Magenta (61%)
- Yellow (60%)
- Black (67%)



- Cyan (67%)
- Magenta (87%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 47.3630, 30.0750, 11.1230 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 47.3630, 30.0750, 11.1230 by changing the saturation by 10% instead.

■ 47.3630, 30.0750,
11.1230

■ 47.3630, 30.0750,
11.1230

■ 255.0000, -0.0000,
-0.0000

■ 23.8790, 28.5620,
11.0100

■ 95.2280, 34.8890,
11.9850

■ 11.1770, 21.7310,
8.1550

■ 120.7120, 36.4020,
12.0980

■ 0.0000, 0.0000,
0.0000

■ 146.6090, 38.1900,
12.7340

■ 174.0930, 39.7030,
12.8470

■ 201.6910, 40.8950,
13.2710

■ 222.4120, 28.3790,

8.8190

242.6270, 11.4160,
2.3600

47.3630, 30.0750,
11.1230

47.3630, 30.0750,
11.1230

41.7550, 34.8430,
12.8190

52.9710, 25.3070,
9.4270

35.5600, 39.8860,
15.0380

59.1660, 20.2640,
7.2080

29.9520, 44.6540,
16.7340

64.7740, 15.4960,
5.5120

25.0450, 48.8260,
18.2180

70.4960, 10.4070,
4.1270

76.1040, 5.6390,
2.4310

■ 82.2990, 0.5960,
0.2120

■ 87.9070, -4.1720,
-1.4840

■ 93.5150, -8.9400,
-3.1800

■ 99.7100, -13.9830,
-5.3990

Harmonies

Analogous

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



48.3440, 23.0590, 17.1310



47.3630, 30.0750, 11.1230



47.2560, 28.5180, 0.7900

Triad

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



47.3630, 30.0750, 11.1230



40.8050, -13.2930, -17.9090



39.8550, -41.9520, 0.3840

Complementary

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



47.3630, 30.0750, 11.1230



67.6370, -30.0750, -11.1230

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.



41.9920, -41.0800, -4.4080



47.3630, 30.0750, 11.1230



38.4750, -29.7990, -16.1270

Square

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



47.3630, 30.0750, 11.1230



44.5210, 8.1180, -14.9700



40.7550, -36.2190, -9.9070



48.1470, -13.1150, 11.9170

Rectangle

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



47.3630, 30.0750, 11.1230



46.7730, 25.2640, -6.3200



40.7550, -36.2190, -9.9070



40.8010, -41.8600, -1.2840

Sweetspot

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



47.3630, 30.0750, 11.1230



93.6810, 11.3240, 4.0280



52.4650, 12.8330, 26.2490



45.5880, 7.1520, 2.5440



181.0000, -0.0000, 0.0000



54.0000, -0.0000, 0.0000

Same Dimension

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



47.3630, 30.0750, 11.1230



51.7350, 46.7630, 17.0590



61.3370, 23.7960, -1.7400



38.1960, 2.3840, 0.8480



31.6230, 61.9380, 22.8820



69.9380, 136.6670, 50.7390

Inverse Universe

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



47.3630, 30.0750, 11.1230



51.7350, 46.7630, 17.0590



53.6630, -23.7960, 1.7400



38.1960, 2.3840, 0.8480



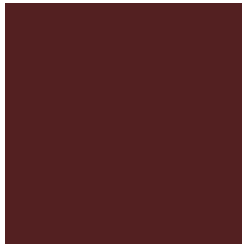
31.6230, 61.9380, 22.8820



69.9380, 136.6670, 50.7390

Previews

White Background



This preview shows how the YIQ color 47.3630, 30.0750, 11.1230 looks on a white background.

Color Contrast Check

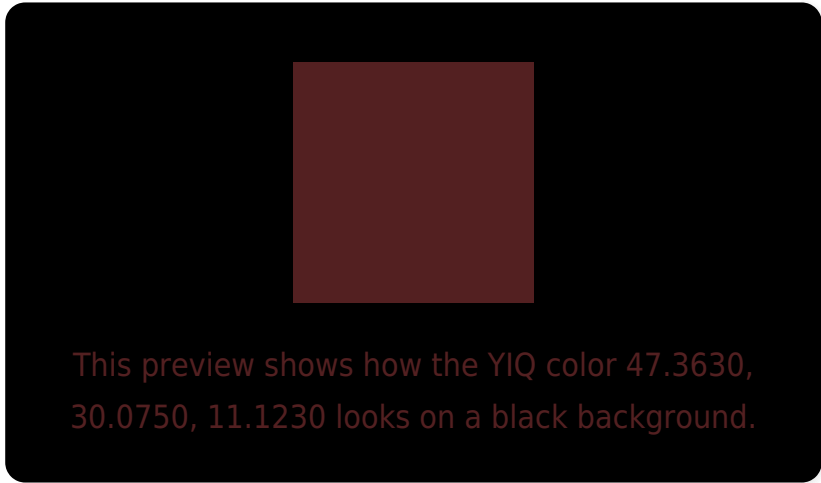
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.3630, 30.0750, 11.1230

Background



This preview shows how black text looks on a background with the YIQ color 47.3630, 30.0750, 11.1230.



This preview shows how white text looks on a background with the YIQ color 47.3630, 30.0750,

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

47.3630, 30.0750, 11.1230

Protanopia

48.8710, 4.6770, -2.1630

Deuteranopia

49.0630, 12.8840, -2.2200



Tritanopia

47.4770, 29.7540, 11.4340

Trichromacy



Original Color

47.3630, 30.0750, 11.1230

Protanomaly

48.2960, 13.8460, 2.3740

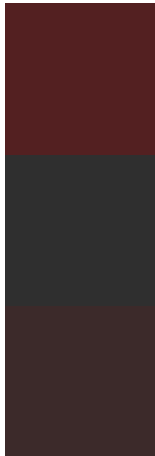
Deuteranomaly

48.6340, 18.7060, 2.4020

Tritanomaly

47.4770, 29.7540, 11.4340

Monochromacy



Original Color

47.3630, 30.0750, 11.1230

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

47.3820, 10.7280, 3.8160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 47.3630, 30.0750, 11.1230 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(83, 32, 33)` looks like.

```
.text, #text, p{  
    color:rgb(83, 32, 33)  
}
```

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(83, 32, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 32, 33) }
```

Border

The CSS property to change the border of an element to YIQ 47.3630, 30.0750, 11.1230 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(83, 32, 33) }
```


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

```
.border{ border-color:rgb(83, 32, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 32, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 32, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 32, 33);  
box-shadow:4px 4px 4px 4px rgb(83, 32, 33)  
}
```

Background

The CSS property to change the background color of an element to YIQ 47.3630, 30.0750, 11.1230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 32, 33) }
```

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

```
.background{ background-color: rgb(83, 32,  
33) }
```

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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