

Converting Colors

YIQ(47.2990, 36.1270, 11.5750)

Have a look what the booklet for
YIQ(47.2990, 36.1270, 11.5750)
contains.

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Color

**YIQ(47.2990, 36.1270,
11.5750)**

Conversions

Conversions Part 1

Format	Color
Hex	591E1B
RGB	89, 30, 27
RGB Percent	35%, 12%, 11%
CMY	0.6508, 0.8824, 0.8940
CMYK	0.00, 0.66, 0.70, 0.65
HSL	3°, 53%, 23%
HSV	3°, 70%, 35%
XYZ	4.7851, 3.1322, 1.3915
YIQ	47.2990, 36.1270, 11.5750

Conversions

Conversions Part 2

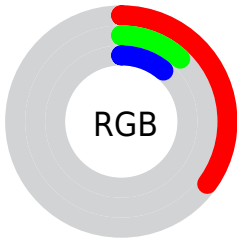
Format	Color
RYB	89, 30, 27
Decimal	5840411
CIELab	20.57, 27.01, 16.28
CIELCh	21, 31.542, 31.083
Yxy	3.1322, 0.5140, 0.3365
Android (android.graphics.Color)	4284030491 (0xFF591E1B)
YUV	47.2990, -10.0074, 36.5718
Hunter-Lab	17.6980, 17.2907, 7.7268

Details

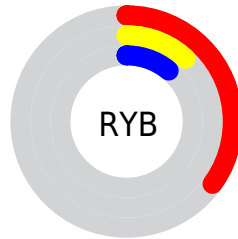
The YIQ color **47.2990, 36.1270, 11.5750** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **68.7010, -36.1270, -11.5750**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **95.9360, 41.5830, 11.8150**, and **12.3730, 24.1150, 9.0030** is the 20% darker color. If you saturate the color by 10%, you get **40.9900, 41.4910, 13.4830**, and if you desaturate by 10%, it is **53.0210, 31.0380, 10.1900**.

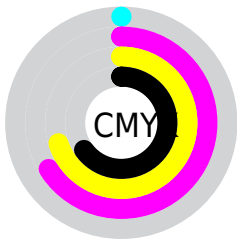
Distribution



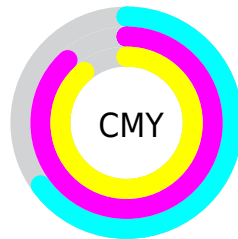
- Red (35%)
- Green (12%)
- Blue (11%)



- Red (35%)
- Yellow (12%)
- Blue (11%)



- Cyan (0%)
- Magenta (66%)
- Yellow (70%)
- Black (65%)



- Cyan (65%)
- Magenta (88%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 47.2990, 36.1270, 11.5750 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 47.2990, 36.1270, 11.5750 by changing the saturation by 10% instead.

47.2990, 36.1270,
11.5750

47.2990, 36.1270,
11.5750

255.0000, -0.0000,
-0.0000

22.7720, 36.1730,
10.7410

95.9360, 41.5830,
11.8150

12.3730, 24.1150,
9.0030

121.7190, 43.6920,
12.1400

0.0000, 0.0000,
0.0000

147.6160, 45.4800,
12.7760

174.6980, 48.1850,
13.3130

201.9860, 47.3140,
12.5780

220.9130, 31.2220,

6.8540

241.1280, 14.2590,
0.3950

47.2990, 36.1270,
11.5750

47.2990, 36.1270,
11.5750

40.9900, 41.4910,
13.4830

53.0210, 31.0380,
10.1900

35.2680, 46.5800,
14.8680

59.3300, 25.6740,
8.2820

29.5460, 51.6690,
16.2530

65.0520, 20.5850,
6.8970

28.9590, 51.9440,
16.7760

71.3610, 15.2210,
4.9890

77.0830, 10.1320,
3.6040

■ 83.2780, 5.0890,
1.3850

■ 89.0000, -0.0000,
-0.0000

■ 95.3090, -5.3640,
-1.9080

■ 101.0310,
-10.4530, -3.2930

Harmonies

Analogous

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



47.8720, 30.4400, 21.0320



47.2990, 36.1270, 11.5750



47.3720, 33.8830, -2.8290

Triad

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



47.2990, 36.1270, 11.5750



37.5970, -24.5710, -22.7710



41.4680, -45.1160, 2.6600

Complementary

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



47.2990, 36.1270, 11.5750



68.7010, -36.1270, -11.5750

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.



44.3060, -44.8400, -2.3440



47.2990, 36.1270, 11.5750



40.9200, -32.5500, -15.8300

Square

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



47.2990, 36.1270, 11.5750



43.6900, 5.9640, -19.9880



43.5420, -39.9330, -8.6770



50.3370, -10.5940, 15.7900

Rectangle

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



47.2990, 36.1270, 11.5750



47.0350, 27.2820, -9.8540



43.5420, -39.9330, -8.6770



42.5280, -45.3450, 1.3030

Sweetspot

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



47.2990, 36.1270, 11.5750



98.7630, 14.0290, 4.5650



52.3780, 17.6920, 31.8040



49.0720, 8.6650, 2.6570



186.0000, -0.0000, -0.0000



59.0000, 0.0000, -0.0000

Same Dimension

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



47.2990, 36.1270, 11.5750



49.9380, 56.4370, 17.9490



64.9090, 27.8770, -4.1150



40.1960, 2.3840, 0.8480



34.9280, 62.3970, 20.0690



76.7220, 137.0350, 44.0670

Inverse Universe

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



68.7010, -36.1270, -11.5750



83.0620, -56.4370, -17.9490



51.0910, -27.8770, 4.1150



41.8040, -2.3840, -0.8480



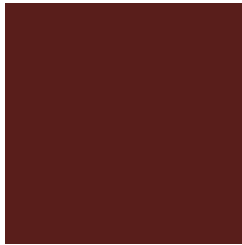
72.0720, -62.3970, -20.0690



157.6910, -136.7600, -43.5440

Previews

White Background



This preview shows how the YIQ color 47.2990, 36.1270, 11.5750 looks on a white background.

Color Contrast Check

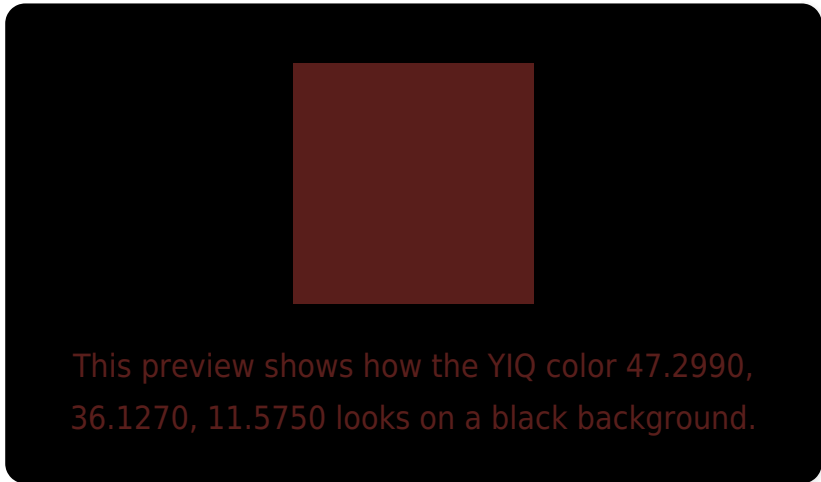
Large Text (above 18pt) WCAG AA ✓ Pass

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

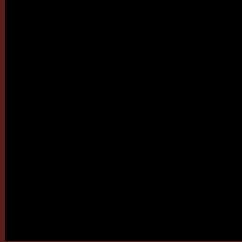
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 47.2990, 36.1270, 11.5750

Background



This preview shows how black text looks on a background with the YIQ color 47.2990, 36.1270, 11.5750.

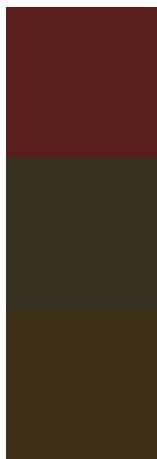


This preview shows how white text looks on a background with the YIQ color 47.2990, 36.1270,

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

47.2990, 36.1270, 11.5750

Protanopia

50.2580, 7.8410, -4.4390

Deuteranopia

49.7490, 16.6440, -4.2840



Tritanopia

47.1680, 35.1180, 13.3420

Trichromacy



Original Color

47.2990, 36.1270, 11.5750

Protanomaly

48.8080, 18.1560, 1.3560

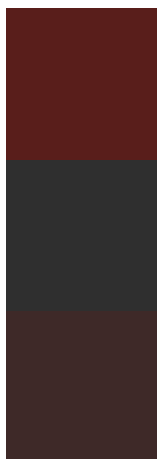
Deuteranomaly

48.4450, 23.6120, 1.5960

Tritanomaly

47.0540, 35.4390, 13.0310

Monochromacy



Original Color

47.2990, 36.1270, 11.5750

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

47.1650, 12.8370, 4.1410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 47.2990, 36.1270, 11.5750 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(89, 30, 27)` looks like.

```
.text, #text, p{  
    color:rgb(89, 30, 27)  
}
```

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(89, 30, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 30, 27) }
```

Border

The CSS property to change the border of an element to YIQ 47.2990, 36.1270, 11.5750 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(89, 30, 27) }
```


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

```
.border{ border-color:rgb(89, 30, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 30, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 30, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 30, 27);  
box-shadow:4px 4px 4px 4px rgb(89, 30, 27)  
}
```

Background

The CSS property to change the background color of an element to YIQ 47.2990, 36.1270, 11.5750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 30, 27) }
```

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

```
.background{ background-color: rgb(89, 30,  
27) }
```

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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