

Converting Colors

YIQ(109.5070, 109.2990,
29.0990)

Have a look what the booklet for
YIQ(109.5070, 109.2990, 29.0990)
contains.

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Color

**YIQ(109.5070, 109.2990,
29.0990)**

Conversions

Conversions Part 1

Format	Color
Hex	E83D26
RGB	232, 61, 38
RGB Percent	91%, 24%, 15%
CMY	0.0898, 0.7610, 0.8505
CMYK	0.00, 0.74, 0.84, 0.09
HSL	7°, 81%, 53%
HSV	7°, 84%, 91%
XYZ	35.3278, 20.6431, 3.9660
YIQ	109.5070, 109.2990, 29.0990

Conversions

Conversions Part 2

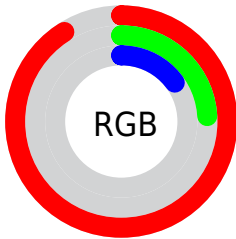
Format	Color
RYB	232, 64, 38
Decimal	15220006
CIELab	52.56, 64.00, 51.90
CIELCh	53, 82.398, 39.044
Yxy	20.6431, 0.5894, 0.3444
Android (android.graphics.Color)	4293410086 (0xFFE83D26)
YUV	109.5070, -35.2530, 107.4264
Hunter-Lab	45.4346, 59.2826, 26.6288

Details

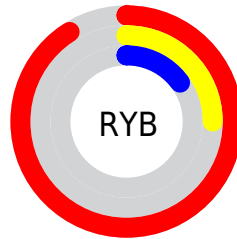
The YIQ color **109.5070, 109.2990, 29.0990** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **160.4930, -109.2990, -29.0990**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.4890, 91.3740, 18.0460**, and **49.9330, 99.5320, 35.4040** is the 20% darker color. If you saturate the color by 10%, you get **94.5580, 122.4570, 32.9290**, and if you desaturate by 10%, it is **123.8690, 96.4160, 25.7920**.

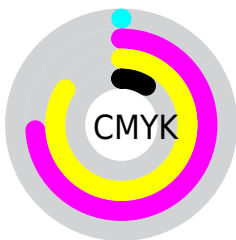
Distribution



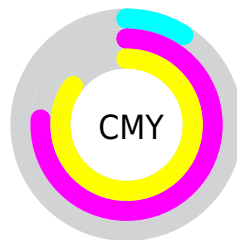
- Red (91%)
- Green (24%)
- Blue (15%)



- Red (91%)
- Yellow (25%)
- Blue (15%)



- Cyan (0%)
- Magenta (74%)
- Yellow (84%)
- Black (9%)




- Cyan (9%)
- Magenta (76%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 109.5070, 109.2990, 29.0990 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 109.5070, 109.2990, 29.0990 by changing the saturation by 10% instead.


 109.5070,
109.2990, 29.0990


 109.5070,
109.2990, 29.0990


255.0000, -0.0000,
-0.0000


 74.7830, 108.7020,
34.4140


 156.4890, 91.3740,
18.0460


 49.9330, 99.5320,
35.4040


 176.4760, 75.0530,
10.9650

 40.3650, 80.4600,
28.6200


 196.4630, 58.7320,
3.8840

 31.0960, 61.9840,
22.0480

 216.4500, 42.4110,
-3.1970

 22.3540, 43.4620,
16.3100

 236.6650, 25.4480,
-9.6560

 13.2700, 25.9030,
9.6390

 251.0100, 11.2350,

 0.0000, 0.0000,

-10.8850

0.0000

254.3160, 1.9260,
-1.8660

■ 109.5070,
109.2990, 29.0990

■ 109.5070,
109.2990, 29.0990

■ 94.5580, 122.4570,
32.9290

■ 123.8690, 96.4160,
25.7920

■ 85.2170, 130.8470,
35.0630

■ 138.9320, 82.9370,
22.2730

■ 153.2940, 70.0540,
18.9660

■ 168.2430, 56.8960,
15.1360

■ 182.6050, 44.0130,
11.8290

■ 197.5540, 30.8550,
7.9990

■ 212.0300, 17.6510,
5.0030

■ 226.9790, 4.4930,
1.1730

■ 241.3410, -8.3900,
-2.1340

Harmonies

Analogous

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



85.7520, 112.2690, 85.4290



109.5070, 109.2990, 29.0990



117.5700, 85.5110, -13.3770

Triad

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



109.5070, 109.2990, 29.0990



97.3180, -64.5910, -57.4150



104.2060, -117.0550, 12.3610

Complementary

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



109.5070, 109.2990, 29.0990



160.4930, -109.2990, -29.0990

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.



115.3590, -122.2800, 2.4240



109.5070, 109.2990, 29.0990



107.6290, -89.4910, -35.6590

Square

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



109.5070, 109.2990, 29.0990



99.1680, -11.8630, -65.8710



114.7940, -111.0440, -13.9880



127.0460, -12.5270, 56.3450

Rectangle

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



109.5070, 109.2990, 29.0990



117.6600, 58.2340, -31.1580



114.7940, -111.0440, -13.9880



108.9020, -119.2550, 8.1770

Sweetspot

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



109.5070, 109.2990, 29.0990



214.8320, 35.9440, 9.3840



115.5000, 60.7330, 94.3090



103.5960, 21.8690, 5.6530



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



109.5070, 109.2990, 29.0990



93.8550, 143.7300, 38.3700



166.4460, 82.6240, -21.6320



109.8760, 6.2810, 1.8090



66.4460, 102.1010, 27.3890



19.6680, 30.5340, 8.3100

Inverse Universe

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



160.4930, -109.2990, -29.0990



161.1450, -143.7300, -38.3700



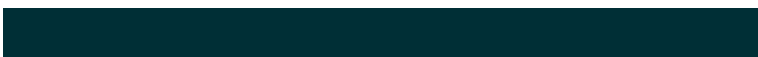
103.5540, -82.6240, 21.6320



113.1240, -6.2810, -1.8090



114.5540, -102.1010, -27.3890



33.7450, -30.2590, -7.7870

Previews

White Background



This preview shows how the YIQ color 109.5070, 109.2990, 29.0990 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 109.5070, 109.2990, 29.0990 looks on a black 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 × Fail

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

YIQ 109.5070, 109.2990, 29.0990

Background



This preview shows how black text looks on a background with the YIQ color 109.5070, 109.2990, 29.0990.



This preview shows how white text looks on a background with the YIQ color 109.5070, 109.2990,

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

109.5070, 109.2990, 29.0990

Protanopia

122.0920, 31.1350, -19.1130

Deuteranopia

119.2180, 56.9030, -23.5530



Tritanopia

110.5530, 103.6580, 37.7220

Trichromacy



Original Color

109.5070, 109.2990, 29.0990

Protanomaly

117.1870, 59.3290, -1.4310

Deuteranomaly

115.8760, 76.2020, -4.3580

Tritanomaly

110.2280, 105.9510, 34.7110

Monochromacy



Original Color

109.5070, 109.2990, 29.0990

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

109.6260, 39.5200, 10.6560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 109.5070, 109.2990, 29.0990 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(232, 61, 38)` looks like.

```
.text, #text, p{  
    color:rgb(232, 61, 38)  
}
```

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(232, 61, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 61, 38) }
```

Border

The CSS property to change the border of an element to YIQ 109.5070, 109.2990, 29.0990 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(232, 61, 38) }
```


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

```
.border{ border-color:rgb(232, 61, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 61, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 61, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 61, 38);  
box-shadow:4px 4px 4px 4px rgb(232, 61,  
38) }
```

Background

The CSS property to change the background color of an element to YIQ 109.5070, 109.2990, 29.0990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 61, 38) }
```

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

```
.background{ background-color: rgb(232, 61,  
38) }
```

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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