

Converting Colors

YIQ(71.0100, 74.2700, 30.6700)

Have a look what the booklet for
YIQ(71.0100, 74.2700, 30.6700)
contains.

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Color

**YIQ(71.0100, 74.2700,
30.6700)**

Conversions

Conversions Part 1

Format	Color
Hex	A11F29
RGB	161, 31, 41
RGB Percent	63%, 12%, 16%
CMY	0.3683, 0.8786, 0.8389
CMYK	0.00, 0.81, 0.75, 0.37
HSL	355°, 68%, 38%
HSV	355°, 81%, 63%
XYZ	15.6042, 8.7232, 2.9658
YIQ	71.0100, 74.2700, 30.6700

Conversions

Conversions Part 2

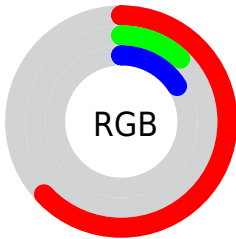
Format	Color
R _Y B	161, 31, 41
Decimal	10559273
CIE Lab	35.45, 52.03, 28.52
CIE LCh	35, 59.338, 28.730
Yxy	8.7232, 0.5717, 0.3196
Android (android.graphics.Color)	4288749353 (0xFFA11F29)
YUV	71.0100, -14.7949, 78.9212
Hunter-Lab	29.5350, 42.6208, 14.7207

Details

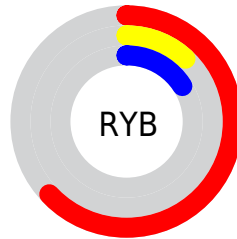
The YIQ color **71.0100, 74.2700, 30.6700** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **120.9900, -74.2700, -30.6700**, and the grayscale version is **71.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **128.4250, 80.2310, 27.2630**, and **30.4980, 60.7920, 21.6240** is the 20% darker color. If you saturate the color by 10%, you get **59.9080, 83.4850, 34.3730**, and if you desaturate by 10%, it is **82.1120, 65.0550, 26.9670**.

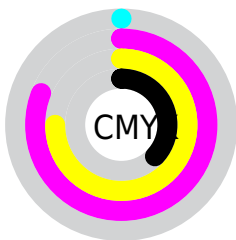
Distribution



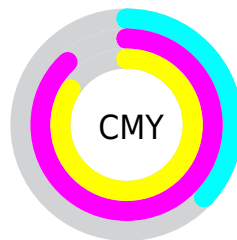
- Red (63%)
- Green (12%)
- Blue (16%)



- Red (63%)
- Yellow (12%)
- Blue (16%)



- Cyan (0%)
- Magenta (81%)
- Yellow (75%)
- Black (37%)




- Cyan (37%)
- Magenta (88%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 71.0100, 74.2700, 30.6700 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 71.0100, 74.2700, 30.6700 by changing the saturation by 10% instead.


 71.0100, 74.2700,
30.6700


 71.0100, 74.2700,
30.6700


255.0000, -0.0000,
-0.0000


 41.5630, 71.3350,
34.3030


 128.4250, 80.2310,
27.2630


 30.4980, 60.7920,
21.6240

 156.6920, 83.8530,
27.7010


 21.5280, 42.9120,
15.2640

 175.6900, 68.9990,
21.5670

 13.2700, 25.9030,
9.6390

 195.2040, 52.6320,
15.3200

 0.0000, 0.0000,
0.0000

 215.3050, 35.9900,
8.5500

 235.5200, 19.0270,

2.0910

■ 253.9740, 2.8890,
-2.7990

■ 71.0100, 74.2700,
30.6700

■ 71.0100, 74.2700,
30.6700

■ 59.9080, 83.4850,
34.3730

■ 82.1120, 65.0550,
26.9670

■ 49.6210, 91.7830,
38.1750

■ 93.2140, 55.8400,
23.2640

■ 104.3160, 46.6250,
19.5610

■ 115.3040, 37.7310,
15.5470

■ 126.4060, 28.5160,
11.8440

■ 138.0950, 19.0260,
7.6180

■ 149.1970, 9.8110,
3.9150

■ 160.2990, 0.5960,
0.2120

■ 171.4010, -8.6190,
-3.4910

Harmonies

Analogous

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



66.1010, 64.7290, 54.9130



71.0100, 74.2700, 30.6700



76.7810, 66.3440, -1.9120

Triad

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



71.0100, 74.2700, 30.6700



62.0060, -36.8090, -43.2810



73.2360, -82.2090, 8.5990

Complementary

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



71.0100, 74.2700, 30.6700



120.9900, -74.2700, -30.6700

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.



77.5100, -80.4650, -0.9850



71.0100, 74.2700, 30.6700



69.5810, -54.0050, -28.9890

Square

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



71.0100, 74.2700, 30.6700



72.2210, 8.1220, -37.0780



75.0530, -69.4130, -14.0610



82.0580, -31.1370, 30.1670

Rectangle

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



71.0100, 74.2700, 30.6700



79.0080, 49.1070, -14.4210



75.0530, -69.4130, -14.0610



75.3560, -82.6670, 5.8850

Sweetspot

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



71.0100, 74.2700, 30.6700



174.4060, 28.5160, 11.8440



81.4010, 29.1940, 65.6580



83.6110, 17.5130, 7.5050



232.0000, -0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



71.0100, 74.2700, 30.6700



68.5210, 115.8520, 48.0120



101.5680, 62.6300, -0.6820



75.8050, 5.0430, 2.2190



44.6090, 82.8890, 34.1610



5.4960, 10.4070, 4.1270

Inverse Universe

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



71.0100, 74.2700, 30.6700



68.5210, 115.8520, 48.0120



90.4320, -62.6300, 0.6820



75.8050, 5.0430, 2.2190



44.6090, 82.8890, 34.1610



5.4960, 10.4070, 4.1270

Previews

White Background



This preview shows how the YIQ color 71.0100, 74.2700, 30.6700 looks on a white background.

Color Contrast Check

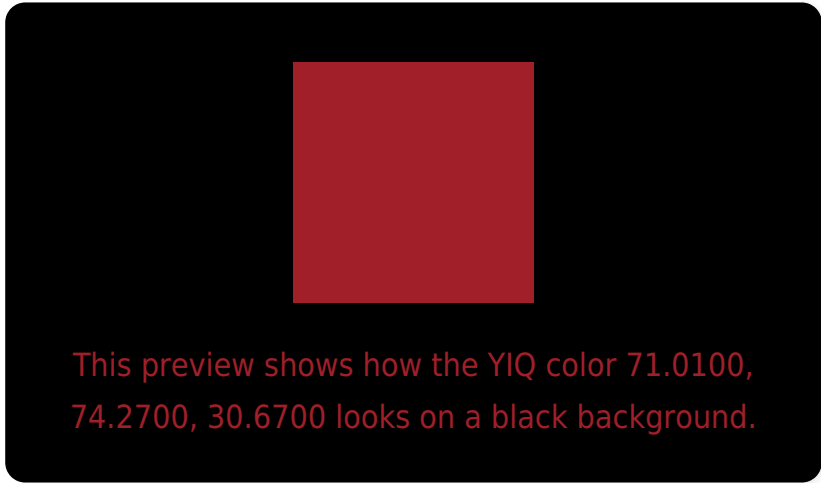
Large Text (above 18pt) WCAG AA ✓ Pass

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 71.0100, 74.2700, 30.6700

Background



This preview shows how black text looks on a background with the YIQ color 71.0100, 74.2700, 30.6700.



This preview shows how white text looks on a background with the YIQ color 71.0100, 74.2700, 30.6700.

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

71.0100, 74.2700, 30.6700

Protanopia

84.0150, 12.8390, -6.9130

Deuteranopia

83.0030, 30.3080, -9.6280



Tritanopia

70.5710, 76.8840, 27.3480

Trichromacy



Original Color

71.0100, 74.2700, 30.6700

Protanomaly

79.0660, 35.1650, 6.9810

Deuteranomaly

78.7590, 46.2150, 4.9590

Tritanomaly

70.9130, 75.9210, 28.2810

Monochromacy



Original Color

71.0100, 74.2700, 30.6700

Achromatopsia

71.0000, -0.0000, -0.0000

Achromatomaly

70.8080, 27.3240, 11.4200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 71.0100, 74.2700, 30.6700 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(161, 31, 41)` looks like.

```
.text, #text, p{  
    color:rgb(161, 31, 41)  
}
```

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(161, 31, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 31, 41) }
```

Border

The CSS property to change the border of an element to YIQ 71.0100, 74.2700, 30.6700 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(161, 31, 41) }
```


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

```
.border{ border-color:rgb(161, 31, 41) }
```

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

Here you see how a box with a 4 pixel rgb(161, 31, 41) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 31, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 31, 41);  
box-shadow:4px 4px 4px 4px rgb(161, 31,  
41) }
```

Background

The CSS property to change the background color of an element to YIQ 71.0100, 74.2700, 30.6700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 31, 41) }
```

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

```
.background{ background-color: rgb(161, 31,  
41) }
```

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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