

Converting Colors

YIQ(74.2980, 127.2660, 61.4260)

Have a look what the booklet for
YIQ(74.2980, 127.2660, 61.4260)
contains.

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Color

**YIQ(74.2980, 127.2660,
61.4260)**

Conversions

Conversions Part 1

Format	Color
Hex	EA0026
RGB	234, 0, 38
RGB Percent	92%, 0%, 15%
CMY	0.0818, 0.9998, 0.8505
CMYK	0.00, 1.00, 0.84, 0.08
HSL	350°, 100%, 46%
HSV	350°, 100%, 92%
XYZ	34.3321, 17.6582, 3.4429
YIQ	74.2980, 127.2660, 61.4260

Conversions

Conversions Part 2

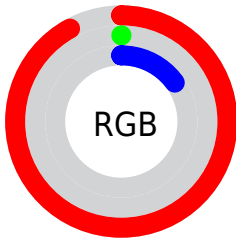
Format	Color
RYB	234, 0, 38
Decimal	15335462
CIELab	49.08, 75.58, 48.96
CIELCh	49, 90.049, 32.937
Yxy	17.6582, 0.6193, 0.3185
Android (android.graphics.Color)	4293525542 (0xFFEA0026)
YUV	74.2980, -17.8949, 140.0587
Hunter-Lab	42.0217, 72.2983, 24.5575

Details

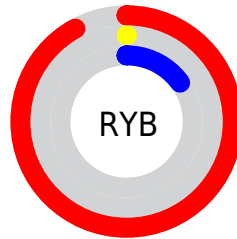
The YIQ color **74.2980, 127.2660, 61.4260** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark washed red. A complement of this color would be **159.7020, -127.2660, -61.4260**, and the grayscale version is **74.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **139.9390, 99.3950, 32.3790**, and **50.2320, 100.1280, 35.6160** is the 20% darker color. If you saturate the color by 10%, you get **74.2980, 127.2660, 61.4260**, and if you desaturate by 10%, it is **90.0790, 114.5210, 55.6170**.

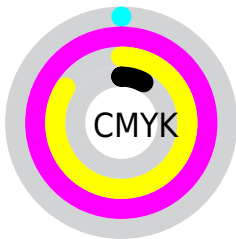
Distribution



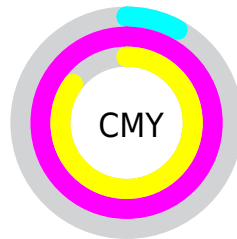
- Red (92%)
- Green (0%)
- Blue (15%)



- Red (92%)
- Yellow (0%)
- Blue (15%)



- Cyan (0%)
- Magenta (100%)
- Yellow (84%)
- Black (8%)





- Cyan (8%)
- Magenta (100%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 74.2980, 127.2660, 61.4260 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 74.2980, 127.2660, 61.4260 by changing the saturation by 10% instead.


 74.2980, 127.2660,
61.4260


 74.2980, 127.2660,
61.4260


255.0000, -0.0000,
-0.0000


 61.9230, 114.6600,
47.5880


 139.9390, 99.3950,
32.3790


 50.2320, 100.1280,
35.6160


 160.9860, 82.8450,
23.9410


 40.6640, 81.0560,
28.8320


 181.4460, 66.5700,
16.0260

 31.3240, 61.3420,
22.6700

 202.1340, 49.6530,
8.7330

 22.5820, 42.8200,
16.9320

 222.8220, 32.7360,
1.4400

 12.3730, 24.1150,
9.0030

 243.6240, 15.4980,

 0.0000, 0.0000,

-5.5420

0.0000

253.9740, 2.8890,
-2.7990

74.2980, 127.2660,
61.4260

90.0790, 114.5210,
55.6170

106.3330,
101.8220, 48.9740

122.1140, 89.0770,
43.1650

138.4820, 76.0570,
36.8330

154.1490, 63.6330,
30.7130

■ 170.5170, 50.6130,
24.3810

■ 186.1840, 38.1890,
18.2610

■ 201.9650, 25.4440,
12.4520

■ 218.3330, 12.4240,
6.1200

Harmonies

Analogous

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



85.5390, 108.5550, 86.6590



74.2980, 127.2660, 61.4260



107.0260, 93.3950, -2.0690

Triad

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



74.2980, 127.2660, 61.4260



88.2730, -51.5230, -62.9710



103.0320, -116.5050, 13.4070

Complementary

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



74.2980, 127.2660, 61.4260



159.7020, -127.2660, -61.4260

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.



112.3100, -120.5840, 4.7280



74.2980, 127.2660, 61.4260



99.6100, -79.3120, -38.4160

Square

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



74.2980, 127.2660, 61.4260



93.6080, -7.0500, -59.4820



108.9750, -104.3040, -14.9920



115.0630, -37.5600, 52.9680

Rectangle

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



74.2980, 127.2660, 61.4260



110.3390, 63.8720, -23.2000



108.9750, -104.3040, -14.9920



107.1410, -118.4300, 9.7460

Sweetspot

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



74.2980, 127.2660, 61.4260



203.0920, 41.4440, 19.8440



84.9810, 41.1060, 114.1140



96.5520, 25.1690, 11.9290



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.



74.2980, 127.2660, 61.4260



80.9190, 138.8190, 66.8110



115.7520, 118.0140, 8.8140



109.4030, 6.2350, 2.6430



57.4250, 98.5670, 47.3910



17.1720, 29.2950, 14.2470

Inverse Universe

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



74.2980, 127.2660, 61.4260



80.9190, 138.8190, 66.8110



118.2480, -118.0140, -8.8140



109.4030, 6.2350, 2.6430



57.4250, 98.5670, 47.3910



17.1720, 29.2950, 14.2470

Previews

White Background



This preview shows how the YIQ color 74.2980, 127.2660, 61.4260 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 × Fail

Black Background



This preview shows how the YIQ color 74.2980, 127.2660, 61.4260 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 74.2980, 127.2660, 61.4260

Background



This preview shows how black text looks on a background with the YIQ color 74.2980, 127.2660, 61.4260.



This preview shows how white text looks on a background with the YIQ color 74.2980, 127.2660,

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

74.2980, 127.2660, 61.4260

Protanopia

115.9760, 25.7700, -15.4940

Deuteranopia

111.7340, 55.3900, -23.6660



Tritanopia

81.9940, 133.0930, 38.4130

Trichromacy



Original Color

74.2980, 127.2660, 61.4260

Protanomaly

101.1850, 62.8110, 12.5630

Deuteranomaly

98.0760, 81.9310, 7.4590

Tritanomaly

78.8940, 130.7990, 46.9510

Monochromacy



Original Color

74.2980, 127.2660, 61.4260

Achromatopsia

74.0000, -0.0000, 0.0000

Achromatomaly

74.0110, 46.1660, 22.3740

CSS Examples

Text

The CSS property to change the color of the text to YIQ 74.2980, 127.2660, 61.4260 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(234, 0, 38)` looks like.

```
.text, #text, p{  
    color:rgb(234, 0, 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(234, 0, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 0, 38) }
```

Border

The CSS property to change the border of an element to YIQ 74.2980, 127.2660, 61.4260 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(234, 0, 38) }
```


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

```
.border{ border-color:rgb(234, 0, 38) }
```

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

Here you see how a box with a 4 pixel rgb(234, 0, 38) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 0, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 0, 38);  
box-shadow:4px 4px 4px 4px rgb(234, 0, 38)  
}
```

Background

The CSS property to change the background color of an element to YIQ 74.2980, 127.2660, 61.4260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 0, 38) }
```

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

```
.background{ background-color: rgb(234, 0,  
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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