

Converting Colors

YIQ(72.8160, 131.4390, 57.3830)

Have a look what the booklet for
YIQ(72.8160, 131.4390, 57.3830)
contains.

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Color

**YIQ(72.8160, 131.4390,
57.3830)**

Conversions

Conversions Part 1

Format	Color
Hex	EA0019
RGB	234, 0, 25
RGB Percent	92%, 0%, 10%
CMY	0.0818, 0.9998, 0.9015
CMYK	0.00, 1.00, 0.89, 0.08
HSL	354°, 100%, 46%
HSV	354°, 100%, 92%
XYZ	34.1565, 17.5879, 2.5215
YIQ	72.8160, 131.4390, 57.3830

Conversions

Conversions Part 2

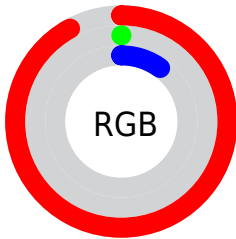
Format	Color
RYB	234, 0, 25
Decimal	15335449
CIELab	48.99, 75.34, 55.05
CIElCh	49, 93.309, 36.154
Yxy	17.5879, 0.6294, 0.3241
Android (android.graphics.Color)	4293525529 (0xFFEA0019)
YUV	72.8160, -23.5733, 141.3584
Hunter-Lab	41.9379, 71.9886, 25.7917

Details

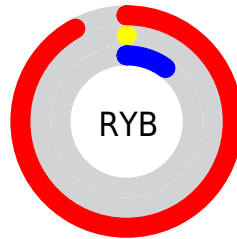
The YIQ color **72.8160, 131.4390, 57.3830** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **161.1840, -131.4390, -57.3830**, and the grayscale version is **73.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **138.5710, 103.2470, 28.6470**, and **50.2320, 100.1280, 35.6160** is the 20% darker color. If you saturate the color by 10%, you get **72.8160, 131.4390, 57.3830**, and if you desaturate by 10%, it is **88.7110, 118.3730, 51.8850**.

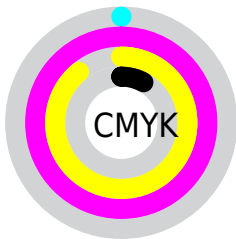
Distribution



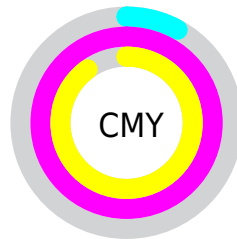
- Red (92%)
- Green (0%)
- Blue (10%)



- Red (92%)
- Yellow (0%)
- Blue (10%)



- Cyan (0%)
- Magenta (100%)
- Yellow (89%)
- Black (8%)





- Cyan (8%)
- Magenta (100%)
- Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 72.8160, 131.4390, 57.3830 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 72.8160, 131.4390, 57.3830 by changing the saturation by 10% instead.


 72.8160, 131.4390,
57.3830


 72.8160, 131.4390,
57.3830


255.0000, -0.0000,
-0.0000


 60.2130, 119.4750,
42.9230


 138.5710,
103.2470, 28.6470


 50.2320, 100.1280,
35.6160


 159.6180, 86.6970,
20.2090


 40.3650, 80.4600,
28.6200


 180.0780, 70.4220,
12.2940

 31.0250, 60.7460,
22.4580

 200.6520, 53.8260,
4.6900

 22.5820, 42.8200,
16.9320

 221.4540, 36.5880,
-2.2920

 12.3730, 24.1150,
9.0030


 242.1420, 19.6710,


 0.0000, 0.0000,


-9.5850


0.0000

 252.4920, 7.0620,
-6.8420


 72.8160, 131.4390,
57.3830

 88.7110, 118.3730,
51.8850

 105.1930,
105.0320, 45.8640

 121.0880, 91.9660,
40.3660

 137.5700, 78.6250,
34.3450

 153.4650, 65.5590,
28.8470

■ 169.9470, 52.2180,
22.8260

■ 185.7280, 39.4730,
17.0170

■ 201.6230, 26.4070,
11.5190

■ 218.1050, 13.0660,
5.4980

Harmonies

Analogous

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



86.0080, 114.4240, 84.9200



72.8160, 131.4390, 57.3830



107.5910, 90.1860, -4.4860

Triad

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



72.8160, 131.4390, 57.3830



89.6580, -54.0450, -61.3170



101.2710, -115.6800, 14.9760

Complementary

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



72.8160, 131.4390, 57.3830



161.1840, -131.4390, -57.3830

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.



111.8370, -120.6300, 5.5620



72.8160, 131.4390, 57.3830



101.2230, -82.4760, -36.1400

Square

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



72.8160, 131.4390, 57.3830



86.1110, -24.8840, -66.6760



110.1150, -107.5140, -11.8820



115.4390, -26.6950, 59.8090

Rectangle

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



72.8160, 131.4390, 57.3830



109.7190, 59.7460, -25.5180



110.1150, -107.5140, -11.8820



105.9670, -117.8800, 10.7920

Sweetspot

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



72.8160, 131.4390, 57.3830



202.6360, 42.7280, 18.6000



88.5690, 48.2580, 116.6580



96.3240, 25.8110, 11.3070



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.



72.8160, 131.4390, 57.3830



79.3230, 143.3130, 62.4570



122.7960, 114.7140, 2.5380



109.4030, 6.2350, 2.6430



56.2850, 101.7770, 44.2810



16.8300, 30.2580, 13.3140

Inverse Universe

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



72.8160, 131.4390, 57.3830



79.3230, 143.3130, 62.4570



111.2040, -114.7140, -2.5380



109.4030, 6.2350, 2.6430



56.2850, 101.7770, 44.2810



16.8300, 30.2580, 13.3140

Previews

White Background



This preview shows how the YIQ color 72.8160, 131.4390, 57.3830 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 72.8160, 131.4390, 57.3830 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 72.8160, 131.4390, 57.3830

Background



This preview shows how black text looks on a background with the YIQ color 72.8160, 131.4390, 57.3830.



This preview shows how white text looks on a background with the YIQ color 72.8160, 131.4390,

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

72.8160, 131.4390, 57.3830

Protanopia

113.9780, 31.4560, -19.4240

Deuteranopia

110.2950, 58.0040, -26.9880



Tritanopia

81.9940, 133.0930, 38.4130

Trichromacy



Original Color

72.8160, 131.4390, 57.3830

Protanomaly

98.8880, 67.9010, 8.4210

Deuteranomaly

96.5230, 84.8660, 3.8260

Tritanomaly

78.3240, 132.4040, 45.3960

Monochromacy



Original Color

72.8160, 131.4390, 57.3830

Achromatopsia

73.0000, -0.0000, -0.0000

Achromatomaly

72.8540, 48.0460, 21.3420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 72.8160, 131.4390, 57.3830 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, 25)` looks like.

```
.text, #text, p{  
    color:rgb(234, 0, 25)  
}
```

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, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 0, 25) }
```

Border

The CSS property to change the border of an element to YIQ 72.8160, 131.4390, 57.3830 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, 25) }
```


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

```
.border{ border-color:rgb(234, 0, 25) }
```

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, 25) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 0, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 0, 25);  
box-shadow:4px 4px 4px 4px rgb(234, 0, 25)  
}
```

Background

The CSS property to change the background color of an element to YIQ 72.8160, 131.4390, 57.3830 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, 25) }
```

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

```
.background{ background-color: rgb(234, 0,  
25) }
```

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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