

Converting Colors

YIQ(72.2460, 133.0440, 55.8280)

Have a look what the booklet for
YIQ(72.2460, 133.0440, 55.8280)
contains.

YIQ(72.2460, 133.0440, 55.8280)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(72.2460, 133.0440,
55.8280)**

Conversions

Conversions Part 1

Format	Color
Hex	EA0014
RGB	234, 0, 20
RGB Percent	92%, 0%, 8%
CMY	0.0818, 0.9998, 0.9211
CMYK	0.00, 1.00, 0.91, 0.08
HSL	355°, 100%, 46%
HSV	355°, 100%, 92%
XYZ	34.1068, 17.5680, 2.2613
YIQ	72.2460, 133.0440, 55.8280

Conversions

Conversions Part 2

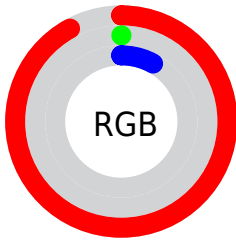
Format	Color
RYB	234, 0, 20
Decimal	15335444
CIELab	48.97, 75.27, 57.04
CIElCh	49, 94.443, 37.153
Yxy	17.5680, 0.6324, 0.3257
Android (android.graphics.Color)	4293525524 (0xFFEA0014)
YUV	72.2460, -25.7573, 141.8583
Hunter-Lab	41.9142, 71.9009, 26.1412

Details

The YIQ color **72.2460, 133.0440, 55.8280** 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 **161.7540, -133.0440, -55.8280**, and the grayscale version is **72.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **138.1150, 104.5310, 27.4030**, and **50.2320, 100.1280, 35.6160** is the 20% darker color. If you saturate the color by 10%, you get **72.2460, 133.0440, 55.8280**, and if you desaturate by 10%, it is **88.2550, 119.6570, 50.6410**.

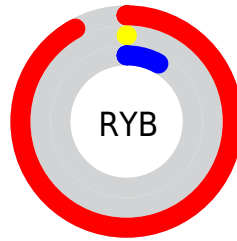
Distribution



Red (92%)

Green (0%)

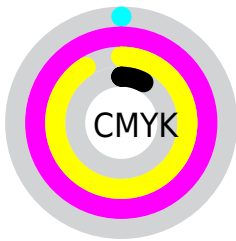
Blue (8%)



Red (92%)

Yellow (0%)

Blue (8%)

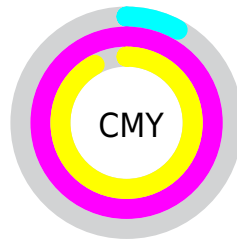


Cyan (0%)

Magenta (100%)

Yellow (91%)

Black (8%)



Cyan (8%)


Magenta (100%)


Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 72.2460, 133.0440, 55.8280 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 72.2460, 133.0440, 55.8280 by changing the saturation by 10% instead.


 72.2460, 133.0440,
55.8280


 72.2460, 133.0440,
55.8280


255.0000, -0.0000,
-0.0000


 60.0990, 119.7960,
42.6120


 138.1150,
104.5310, 27.4030


 50.2320, 100.1280,
35.6160


 159.1620, 87.9810,
18.9650

 40.3650, 80.4600,
28.6200


 179.6220, 71.7060,
11.0500

 31.0250, 60.7460,
22.4580

 200.1960, 55.1100,
3.4460

 22.2830, 42.2240,
16.7200

 220.8840, 38.1930,
-3.8470


 12.3730, 24.1150,
9.0030


 241.6860, 20.9550,


 0.0000, 0.0000,


-10.8290


0.0000


 252.0360, 8.3460,
-8.0860


 72.2460, 133.0440,
55.8280

 88.2550, 119.6570,
50.6410

 104.7370,
106.3160, 44.6200

 120.6320, 93.2500,
39.1220

 137.2280, 79.5880,
33.4120

 153.1230, 66.5220,
27.9140

■ 169.7190, 52.8600,
22.2040

■ 185.6140, 39.7940,
16.7060

■ 201.5090, 26.7280,
11.2080

■ 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.



85.9650, 115.9830, 84.1990



72.2460, 133.0440, 55.8280



107.8790, 89.3150, -5.2210

Triad

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



72.2460, 133.0440, 55.8280



89.8860, -54.6870, -60.6950



100.6840, -115.4050, 15.4990

Complementary

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



72.2460, 133.0440, 55.8280



161.7540, -133.0440, -55.8280

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



72.2460, 133.0440, 55.8280



101.5650, -83.4390, -35.2070

Square

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



72.2460, 133.0440, 55.8280



79.8320, -37.4000, -71.1280



110.5710, -108.7980, -10.6380



115.3470, -23.4400, 61.3920

Rectangle

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



72.2460, 133.0440, 55.8280



109.7080, 58.2790, -26.4650



110.5710, -108.7980, -10.6380



105.9670, -117.8800, 10.7920

Sweetspot

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



72.2460, 133.0440, 55.8280



202.4080, 43.3700, 17.9780



89.7650, 50.6420, 117.5060



96.2100, 26.1320, 10.9960



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.



72.2460, 133.0440, 55.8280



78.7530, 144.9180, 60.9020



125.1440, 113.6140, 0.4460



109.4030, 6.2350, 2.6430



55.9430, 102.7400, 43.3480



16.7160, 30.5790, 13.0030

Inverse Universe

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



72.2460, 133.0440, 55.8280



78.7530, 144.9180, 60.9020



109.4430, -113.8890, -0.9690



109.4030, 6.2350, 2.6430



55.9430, 102.7400, 43.3480



16.7160, 30.5790, 13.0030

Previews

White Background



This preview shows how the YIQ color 72.2460, 133.0440, 55.8280 looks on a white background.

Color Contrast Check

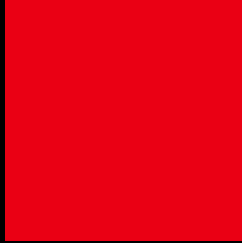
Large Text (above 18pt) WCAG AA ✓ Pass

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 72.2460, 133.0440, 55.8280 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 72.2460, 133.0440, 55.8280

Background



This preview shows how black text looks on a background with the YIQ color 72.2460, 133.0440, 55.8280.



This preview shows how white text looks on a background with the YIQ color 72.2460, 133.0440,

55.8280.

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

72.2460, 133.0440, 55.8280

Protanopia

113.4080, 33.0610, -20.9790

Deuteranopia

110.2950, 58.0040, -26.9880



Tritanopia

82.5810, 132.8180, 37.8900

Trichromacy



Original Color

72.2460, 133.0440, 55.8280

Protanomaly

98.3180, 69.5060, 6.8660

Deuteranomaly

96.2950, 85.5080, 3.2040

Tritanomaly

78.6830, 132.7710, 44.2510

Monochromacy



Original Color

72.2460, 133.0440, 55.8280

Achromatopsia

72.0000, -0.0000, 0.0000

Achromatomaly

72.2130, 48.4130, 20.1970

CSS Examples

Text

The CSS property to change the color of the text to YIQ 72.2460, 133.0440, 55.8280 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, 20)` looks like.

```
.text, #text, p{  
    color:rgb(234, 0, 20)  
}
```

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, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 0, 20) }
```

Border

The CSS property to change the border of an element to YIQ 72.2460, 133.0440, 55.8280 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, 20) }
```


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

```
.border{ border-color:rgb(234, 0, 20) }
```

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, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 0, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 0, 20);  
box-shadow:4px 4px 4px 4px rgb(234, 0, 20)  
}
```

Background

The CSS property to change the background color of an element to YIQ 72.2460, 133.0440, 55.8280 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, 20) }
```

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

```
.background{ background-color: rgb(234, 0,  
20) }
```

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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