

Converting Colors

YIQ(79.1100, 139.5990, 63.6870)

Have a look what the booklet for
YIQ(79.1100, 139.5990, 63.6870)
contains.

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Color

**YIQ(79.1100, 139.5990,
63.6870)**

Conversions

Conversions Part 1

Format	Color
Hex	FC0021
RGB	252, 0, 33
RGB Percent	99%, 0%, 13%
CMY	0.0111, 0.9997, 0.8701
CMYK	0.00, 1.00, 0.87, 0.01
HSL	352°, 100%, 49%
HSV	352°, 100%, 99%
XYZ	40.4786, 20.8355, 3.3370
YIQ	79.1100, 139.5990, 63.6870

Conversions

Conversions Part 2

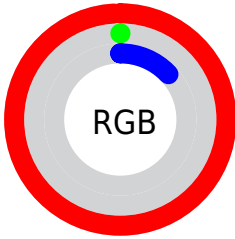
Format	Color
RYB	252, 0, 33
Decimal	16515105
CIELab	52.77, 79.76, 55.98
CIElCh	53, 97.448, 35.061
Yxy	20.8355, 0.6261, 0.3223
Android (android.graphics.Color)	4294705185 (0xFFFC0021)
YUV	79.1100, -22.7322, 151.6245
Hunter-Lab	45.6460, 78.4123, 27.6178

Details

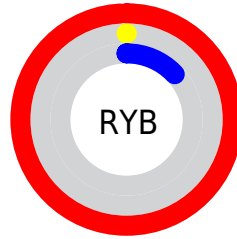
The YIQ color **79.1100, 139.5990, 63.6870** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark saturated red. A complement of this color would be **172.8900, -139.5990, -63.6870**, and the grayscale version is **79.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **141.8310, 99.5790, 29.0430**, and **55.3150, 110.2600, 39.2200** is the 20% darker color. If you saturate the color by 10%, you get **79.1100, 139.5990, 63.6870**, and if you desaturate by 10%, it is **96.2930, 125.6620, 57.4540**.

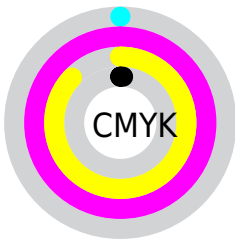
Distribution



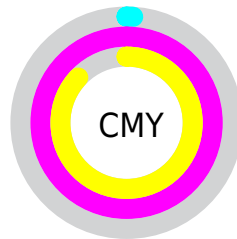
- Red (99%)
- Green (0%)
- Blue (13%)



- Red (99%)
- Yellow (0%)
- Blue (13%)



- Cyan (0%)
- Magenta (100%)
- Yellow (87%)
- Black (1%)





- Cyan (1%)
- Magenta (100%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 79.1100, 139.5990, 63.6870 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 79.1100, 139.5990, 63.6870 by changing the saturation by 10% instead.


 79.1100, 139.5990,
63.6870


 79.1100, 139.5990,
63.6870


255.0000, -0.0000,
-0.0000


 66.0940, 127.3600,
48.7040


 141.8310, 99.5790,
29.0430


 55.3150, 110.2600,
39.2200


 163.4650, 82.7540,
20.0820


 45.4480, 90.5920,
32.2240


 184.0390, 66.1580,
12.4780

 35.8090, 70.2820,
25.8500

 204.6130, 49.5620,
4.8740

 26.7680, 51.1640,
19.9000

 225.8880, 32.3700,
-2.9420


 16.9720, 32.7340,
12.4940

 246.6900, 15.1320,


 4.1860, 8.3440,


-9.9240


2.9680


 253.5180, 4.1730,
-4.0430


 0.0000, 0.0000,
0.0000


 79.1100, 139.5990,
63.6870

 96.2930, 125.6620,
57.4540

 114.0630,
111.4500, 50.6980

 131.2460, 97.5130,
44.4650

 148.4290, 83.5760,
38.2320

 165.6120, 69.6390,
31.9990

■ 182.7950, 55.7020,
25.7660

■ 200.4510, 41.8110,
18.6990

■ 217.6340, 27.8740,
12.4660

■ 234.8170, 13.9370,
6.2330

Harmonies

Analogous

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



89.4690, 114.7440, 90.1360



79.1100, 139.5990, 63.6870



115.8970, 98.0720, -4.2320

Triad

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



79.1100, 139.5990, 63.6870



96.3430, -57.7120, -66.4480



107.7280, -118.7050, 9.2230

Complementary

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



79.1100, 139.5990, 63.6870



172.8900, -139.5990, -63.6870

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.



118.8810, -123.9300, -0.7140



79.1100, 139.5990, 63.6870



108.5920, -88.0690, -39.4050

Square

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



79.1100, 139.5990, 63.6870



96.7650, -18.0980, -68.5140



118.6410, -114.9870, -14.1150



123.4170, -29.6290, 57.9150

Rectangle

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



79.1100, 139.5990, 63.6870



118.6010, 65.8900, -26.7340



118.6410, -114.9870, -14.1150



112.4240, -120.9050, 5.0390

Sweetspot

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



79.1100, 139.5990, 63.6870



202.8640, 42.0860, 19.2220



94.2090, 49.6320, 124.8000



96.4380, 25.4900, 11.6180



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.



79.1100, 139.5990, 63.6870



80.0070, 141.3870, 64.3230



129.9390, 124.6170, 4.7850



116.1150, 7.1060, 3.3780



59.3610, 104.6190, 47.8430



19.1510, 33.7880, 15.4200

Inverse Universe

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



79.1100, 139.5990, 63.6870



80.0070, 141.3870, 64.3230



122.6480, -124.8920, -5.3080



116.1150, 7.1060, 3.3780



59.3610, 104.6190, 47.8430



19.1510, 33.7880, 15.4200

Previews

White Background



This preview shows how the YIQ color 79.1100, 139.5990, 63.6870 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 79.1100, 139.5990, 63.6870 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 79.1100, 139.5990, 63.6870

Background



This preview shows how black text looks on a background with the YIQ color 79.1100, 139.5990, 63.6870.



This preview shows how white text looks on a background with the YIQ color 79.1100, 139.5990,

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

79.1100, 139.5990, 63.6870

Protanopia

123.9780, 31.4560, -19.4240

Deuteranopia

119.1660, 62.6810, -29.1510



Tritanopia

88.5500, 143.2710, 41.1830

Trichromacy



Original Color

79.1100, 139.5990, 63.6870

Protanomaly

107.4370, 70.7890, 11.1490

Deuteranomaly

104.5730, 90.5970, 4.5890

Tritanomaly

85.2220, 141.6190, 49.0990

Monochromacy



Original Color

79.1100, 139.5990, 63.6870

Achromatopsia

79.0000, -0.0000, 0.0000

Achromatomaly

78.8760, 50.9800, 23.2360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 79.1100, 139.5990, 63.6870 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(252, 0, 33)` looks like.

```
.text, #text, p{  
    color:rgb(252, 0, 33)  
}
```

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(252, 0, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 0, 33) }
```

Border

The CSS property to change the border of an element to YIQ 79.1100, 139.5990, 63.6870 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(252, 0, 33) }
```


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

```
.border{ border-color:rgb(252, 0, 33) }
```

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

Here you see how a box with a 4 pixel rgb(252, 0, 33) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 0, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 0, 33);  
box-shadow:4px 4px 4px 4px rgb(252, 0, 33)  
}
```

Background

The CSS property to change the background color of an element to YIQ 79.1100, 139.5990, 63.6870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 0, 33) }
```

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

```
.background{ background-color: rgb(252, 0,  
33) }
```

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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