

Converting Colors

YIQ(89.6430, 113.0530, 60.1970)

Have a look what the booklet for
YIQ(89.6430, 113.0530, 60.1970)
contains.

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Color

**YIQ(89.6430, 113.0530,
60.1970)**

Conversions

Conversions Part 1

Format	Color
Hex	EB1443
RGB	235, 20, 67
RGB Percent	92%, 8%, 26%
CMY	0.0779, 0.9218, 0.7368
CMYK	0.00, 0.92, 0.71, 0.08
HSL	347°, 84%, 50%
HSV	347°, 92%, 92%
XYZ	35.5714, 18.5893, 7.0400
YIQ	89.6430, 113.0530, 60.1970

Conversions

Conversions Part 2

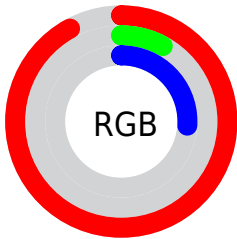
Format	Color
R_{YB}	235, 20, 67
Decimal	15406147
CIE Lab	50.20, 74.96, 33.87
CIE LCh	50, 82.260, 24.315
Yxy	18.5893, 0.5812, 0.3037
Android (android.graphics.Color)	4293596227 (0xFFEB1443)
YUV	89.6430, -11.1630, 127.4781
Hunter-Lab	43.1153, 71.8158, 20.4996

Details

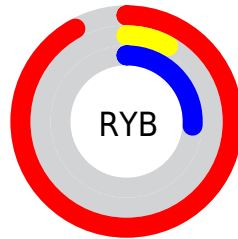
The YIQ color **89.6430, 113.0530, 60.1970** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **165.3570, -113.0530, -60.1970**, and the grayscale version is **90.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **146.8810, 88.1150, 38.5710**, and **53.6800, 93.2950, 43.8150** is the 20% darker color. If you saturate the color by 10%, you get **76.1930, 123.3680, 65.9920**, and if you desaturate by 10%, it is **105.1960, 100.9500, 53.7660**.

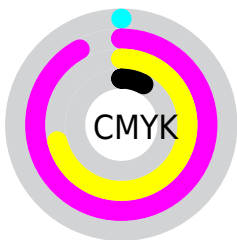
Distribution



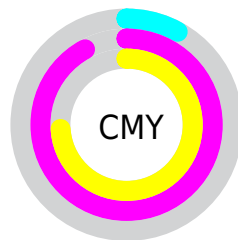
- Red (92%)
- Green (8%)
- Blue (26%)



- Red (92%)
- Yellow (8%)
- Blue (26%)



- Cyan (0%)
- Magenta (92%)
- Yellow (71%)
- Black (8%)





- Cyan (8%)
- Magenta (92%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 89.6430, 113.0530, 60.1970 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 89.6430, 113.0530, 60.1970 by changing the saturation by 10% instead.


 89.6430, 113.0530,
60.1970


 89.6430, 113.0530,
60.1970


255.0000, -0.0000,
-0.0000


 65.8270, 106.5430,
57.0310


 146.8810, 88.1150,
38.5710


 53.6800, 93.2950,
43.8150


 167.9280, 71.5650,
30.1330


 41.5610, 82.8440,
29.4680


 188.6160, 54.6480,
22.8400

 32.2210, 63.1300,
23.3060

 208.7170, 38.0060,
16.0700

 23.4790, 44.6080,
17.5680

 229.5190, 20.7680,
9.0880

 13.5690, 26.4990,
9.8510

 250.9080, 3.2550,

 0.0000, 0.0000,

1.5830

0.0000

■ 89.6430, 113.0530,
60.1970

■ 89.6430, 113.0530,
60.1970

■ 76.1930, 123.3680,
65.9920

■ 105.1960,
100.9500, 53.7660

■ 121.4500, 88.2510,
47.1230

■ 137.0030, 76.1480,
40.6920

■ 153.2570, 63.4490,
34.0490

■ 169.3970, 51.0710,
27.0950

■ 184.9500, 38.9680,
20.6640

■ 201.2040, 26.2690,
14.0210

■ 216.7570, 14.1660,
7.5900

■ 232.8970, 1.7880,
0.6360

Harmonies

Analogous

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



84.8720, 94.6160, 91.4800



89.6430, 113.0530, 60.1970



107.3800, 101.3260, 2.8780

Triad

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



89.6430, 113.0530, 60.1970



86.4490, -46.3870, -67.9470



107.1410, -118.4300, 9.7460

Complementary

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



89.6430, 113.0530, 60.1970



165.3570, -113.0530, -60.1970

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.



111.7910, -114.9890, -3.0610



89.6430, 113.0530, 60.1970



98.0310, -73.4880, -44.8480

Square

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



89.6430, 113.0530, 60.1970



104.3940, 17.3400, -49.9560



107.5270, -97.4710, -23.1910



111.2280, -69.4220, 35.6820

Rectangle

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



89.6430, 113.0530, 60.1970



112.7860, 75.9750, -16.7690



107.5270, -97.4710, -23.1910



110.0760, -119.8050, 7.1310

Sweetspot

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



89.6430, 113.0530, 60.1970



208.3410, 36.3090, 19.2930



93.8450, 29.3250, 101.8450



100.2850, 21.5470, 11.4910



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.



89.6430, 113.0530, 60.1970



82.6290, 134.0040, 71.4760



117.7440, 112.4650, 15.7690



109.5170, 5.9140, 2.9540



58.6790, 95.0360, 50.8120



17.5140, 28.3320, 15.1800

Inverse Universe

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



89.6430, 113.0530, 60.1970



82.6290, 134.0040, 71.4760



137.2560, -112.4650, -15.7690



109.5170, 5.9140, 2.9540



58.6790, 95.0360, 50.8120



17.5140, 28.3320, 15.1800

Previews

White Background



This preview shows how the YIQ color 89.6430, 113.0530, 60.1970 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 89.6430, 113.0530, 60.1970 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 89.6430, 113.0530, 60.1970

Background



This preview shows how black text looks on a background with the YIQ color 89.6430, 113.0530, 60.1970.



This preview shows how white text looks on a background with the YIQ color 89.6430, 113.0530,

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

89.6430, 113.0530, 60.1970

Protanopia

119.6990, 10.9130, -5.0470

Deuteranopia

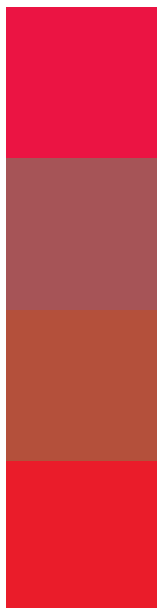
118.3260, 39.5240, -11.4520



Tritanopia

91.9420, 121.6760, 41.5800

Trichromacy



Original Color

89.6430, 113.0530, 60.1970

Protanomaly

108.8600, 47.9090, 18.3170

Deuteranomaly

107.5060, 66.3410, 14.6690

Tritanomaly

91.1900, 118.2820, 48.0260

Monochromacy



Original Color

89.6430, 113.0530, 60.1970

Achromatopsia

90.0000, -0.0000, -0.0000

Achromatomaly

90.2600, 41.0310, 21.8230

CSS Examples

Text

The CSS property to change the color of the text to YIQ 89.6430, 113.0530, 60.1970 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(235, 20, 67)` looks like.

```
.text, #text, p{  
    color:rgb(235, 20, 67)  
}
```

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(235, 20, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 20, 67) }
```

Border

The CSS property to change the border of an element to YIQ 89.6430, 113.0530, 60.1970 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(235, 20, 67) }
```


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

```
.border{ border-color:rgb(235, 20, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 20, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 20, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 20, 67);  
box-shadow:4px 4px 4px 4px rgb(235, 20,  
67) }
```

Background

The CSS property to change the background color of an element to YIQ 89.6430, 113.0530, 60.1970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 20, 67) }
```

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

```
.background{ background-color: rgb(235, 20,  
67) }
```

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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