

Converting Colors

YIQ(88.6840, 121.8620, 27.1900)

Have a look what the booklet for
YIQ(88.6840, 121.8620, 27.1900)
contains.

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Color

**YIQ(88.6840, 121.8620,
27.1900)**

Conversions

Conversions Part 1

Format	Color
Hex	DE2600
RGB	222, 38, 0
RGB Percent	87%, 15%, 0%
CMY	0.1290, 0.8512, 0.9995
CMYK	0.00, 0.83, 1.00, 0.13
HSL	10°, 100%, 44%
HSV	10°, 100%, 87%
XYZ	30.8479, 16.9278, 1.6453
YIQ	88.6840, 121.8620, 27.1900

Conversions

Conversions Part 2

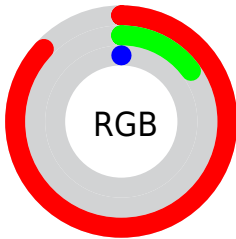
Format	Color
RYB	222, 46, 0
Decimal	14558720
CIELab	48.17, 67.02, 61.19
CIElCh	48, 90.752, 42.397
Yxy	16.9278, 0.6242, 0.3425
Android (android.graphics.Color)	4292748800 (0xFFDE2600)
YUV	88.6840, -43.7212, 116.9181
Hunter-Lab	41.1435, 61.8320, 26.4295

Details

The YIQ color **88.6840, 121.8620, 27.1900** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **133.3160, -121.8620, -27.1900**, and the grayscale version is **89.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **143.2040, 105.3580, 17.9180**, and **46.9430, 93.5720, 33.2840** is the 20% darker color. If you saturate the color by 10%, you get **88.6840, 121.8620, 27.1900**, and if you desaturate by 10%, it is **101.7580, 109.8500, 24.6180**.

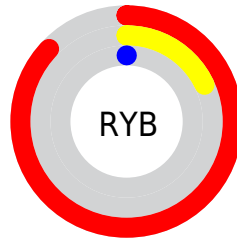
Distribution



Red (87%)

Green (15%)

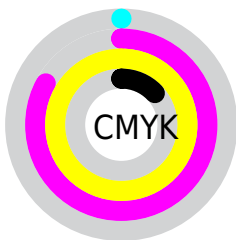
Blue (0%)



Red (87%)

Yellow (18%)

Blue (0%)

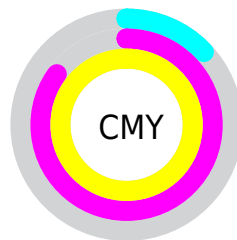


Cyan (0%)

Magenta (83%)

Yellow (100%)

Black (13%)



Cyan (13%)


Magenta (85%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 88.6840, 121.8620, 27.1900 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 88.6840, 121.8620, 27.1900 by changing the saturation by 10% instead.


 88.6840, 121.8620,
27.1900


 88.6840, 121.8620,
27.1900


 253.9740, 2.8890,
-2.7990


 56.5110, 112.6440,
40.0680


 143.2040,
105.3580, 17.9180


 46.9430, 93.5720,
33.2840


 163.0770, 89.3580,
10.5260


 37.0760, 73.9040,
26.2880


 183.0640, 73.0370,
3.4450

 27.9210, 55.1070,
20.0270

 203.0510, 56.7160,
-3.6360

 19.4780, 37.1810,
14.5010

 223.1520, 40.0740,
-10.4060

 9.0840, 17.5590,
6.6710


 243.9540, 22.8360,


 0.0000, 0.0000,


-17.3880


0.0000


 250.6680, 12.1980,
-11.8180


 88.6840, 121.8620,
27.1900

 101.7580,
109.8500, 24.6180

 115.5330, 97.2420,
21.8340

 128.6070, 85.2300,
19.2620

 142.2680, 72.9430,
16.1670

 155.3420, 60.9310,
13.5950

■ 169.0030, 48.6440,
10.5000

■ 182.1910, 36.3110,
8.2390

■ 195.2650, 24.2990,
5.6670

■ 208.9260, 12.0120,
2.5720

Harmonies

Analogous

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



82.2760, 116.3050, 78.3610



88.6840, 121.8620, 27.1900



107.2150, 79.3210, -11.3270

Triad

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



88.6840, 121.8620, 27.1900



90.6500, -59.5940, -54.3620



96.5750, -113.4800, 19.1600

Complementary

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



88.6840, 121.8620, 27.1900



133.3160, -121.8620, -27.1900

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.



108.9020, -119.2550, 8.1770



88.6840, 121.8620, 27.1900



101.6450, -86.4200, -30.7400

Square

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



88.6840, 121.8620, 27.1900



79.8320, -37.4000, -71.1280



109.3800, -109.5780, -7.5140



113.6330, -3.6340, 65.8860

Rectangle

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



88.6840, 121.8620, 27.1900



106.9840, 48.5140, -31.2140



109.3800, -109.5780, -7.5140



101.8580, -115.9550, 14.4530

Sweetspot

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



88.6840, 121.8620, 27.1900



209.3550, 41.7210, 9.3130



87.4680, 72.9270, 104.5990



99.8630, 25.4910, 6.0910



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.



88.6840, 121.8620, 27.1900



101.4860, 140.1550, 31.5710



153.2540, 91.6120, -30.3400



105.4630, 6.0060, 1.2860



70.2340, 96.6460, 21.6220



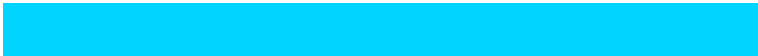
19.0480, 26.4080, 5.9920

Inverse Universe

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



133.3160, -121.8620, -27.1900



153.5140, -140.1550, -31.5710



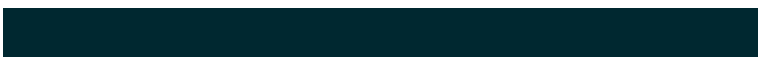
68.7460, -91.6120, 30.3400



107.5370, -6.0060, -1.2860



105.7660, -96.6460, -21.6220



28.9520, -26.4080, -5.9920

Previews

White Background



This preview shows how the YIQ color 88.6840, 121.8620, 27.1900 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



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

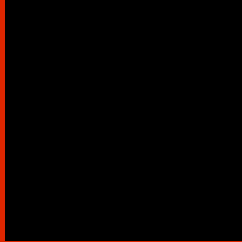
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 88.6840, 121.8620, 27.1900

Background



This preview shows how black text looks on a background with the YIQ color 88.6840, 121.8620, 27.1900.



This preview shows how white text looks on a background with the YIQ color 88.6840, 121.8620,

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

88.6840, 121.8620, 27.1900

Protanopia

110.0400, 36.9130, -24.7110

Deuteranopia

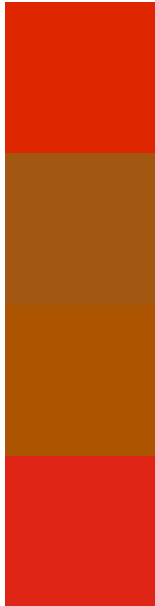
107.9250, 56.1700, -26.7900



Tritanopia

91.3860, 111.4980, 38.8100

Trichromacy



Original Color

88.6840, 121.8620, 27.1900

Protanomaly

102.3310, 67.4910, -6.1810

Deuteranomaly

101.0350, 80.0080, -7.2560

Tritanomaly

90.6050, 115.0750, 34.5550

Monochromacy



Original Color

88.6840, 121.8620, 27.1900

Achromatopsia

89.0000, -0.0000, -0.0000

Achromatomaly

88.5510, 44.1050, 10.1610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 88.6840, 121.8620, 27.1900 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(222, 38, 0)` looks like.

```
.text, #text, p{  
    color:rgb(222, 38, 0)  
}
```

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(222, 38, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 38, 0) }
```

Border

The CSS property to change the border of an element to YIQ 88.6840, 121.8620, 27.1900 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(222, 38, 0) }
```


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

```
.border{ border-color:rgb(222, 38, 0) }
```

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

Here you see how a box with a 4 pixel rgb(222, 38, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 38, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 38, 0);  
box-shadow:4px 4px 4px 4px rgb(222, 38, 0)  
}
```

Background

The CSS property to change the background color of an element to YIQ 88.6840, 121.8620, 27.1900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 38, 0) }
```

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

```
.background{ background-color: rgb(222, 38,  
0) }
```

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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