

Converting Colors

YIQ(86.1460, 112.4140, 44.2380)

Have a look what the booklet for
YIQ(86.1460, 112.4140, 44.2380)
contains.

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Color

**YIQ(86.1460, 112.4140,
44.2380)**

Conversions

Conversions Part 1

Format	Color
Hex	DD1B25
RGB	221, 27, 37
RGB Percent	87%, 11%, 15%
CMY	0.1329, 0.8943, 0.8545
CMYK	0.00, 0.88, 0.83, 0.13
HSL	357°, 78%, 49%
HSV	357°, 88%, 87%
XYZ	30.5809, 16.3053, 3.2949
YIQ	86.1460, 112.4140, 44.2380

Conversions

Conversions Part 2

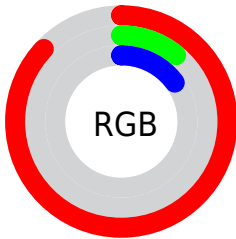
Format	Color
RYB	221, 27, 37
Decimal	14490405
CIELab	47.37, 69.46, 46.94
CIELCh	47, 83.831, 34.050
Yxy	16.3053, 0.6094, 0.3249
Android (android.graphics.Color)	4292680485 (0xFFDD1B25)
YUV	86.1460, -24.2290, 118.2670
Hunter-Lab	40.3798, 64.5189, 23.4279

Details

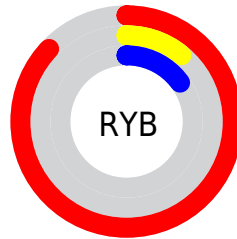
The YIQ color **86.1460, 112.4140, 44.2380** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **161.8540, -112.4140, -44.2380**, and the grayscale version is **86.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **142.7600, 98.3410, 29.4530**, and **46.6440, 92.9760, 33.0720** is the 20% darker color. If you saturate the color by 10%, you get **70.8380, 125.2050, 49.2130**, and if you desaturate by 10%, it is **101.4540, 99.6230, 39.2630**.

Distribution



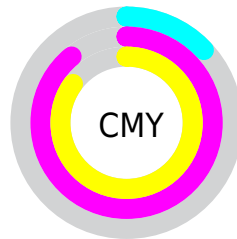
- Red (87%)
- Green (11%)
- Blue (15%)



- Red (87%)
- Yellow (11%)
- Blue (15%)



- Cyan (0%)
- Magenta (88%)
- Yellow (83%)
- Black (13%)





- Cyan (13%)
- Magenta (89%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 86.1460, 112.4140, 44.2380 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 86.1460, 112.4140, 44.2380 by changing the saturation by 10% instead.


 86.1460, 112.4140,
44.2380


 86.1460, 112.4140,
44.2380


255.0000, -0.0000,
-0.0000


 58.2210, 107.8290,
44.7330


 142.7600, 98.3410,
29.4530


 46.9430, 93.5720,
33.2840


 163.2200, 82.0660,
21.5380


 37.0760, 73.9040,
26.2880


 183.0930, 66.0660,
14.1460

 27.9210, 55.1070,
20.0270

 203.7810, 49.1490,
6.8530

 19.4780, 37.1810,
14.5010

 223.8820, 32.5070,
0.0830

 8.4860, 16.3670,
6.2470

 244.6840, 15.2690,

 0.0000, 0.0000,

-6.8990

0.0000

253.7460, 3.5310,
-3.4210

86.1460, 112.4140,
44.2380

86.1460, 112.4140,
44.2380

70.8380, 125.2050,
49.2130

101.4540, 99.6230,
39.2630

67.4470, 127.8640,
50.5840

116.7620, 86.8320,
34.2880

132.0700, 74.0410,
29.3130

147.3780, 61.2500,
24.3380

163.2730, 48.1840,
18.8400

■ 178.5810, 35.3930,
13.8650

■ 193.8890, 22.6020,
8.8900

■ 209.1970, 9.8110,
3.9150

■ 224.5050, -2.9800,
-1.0600

Harmonies

Analogous

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



80.8540, 103.0540, 81.7260



86.1460, 112.4140, 44.2380



103.7370, 86.8390, -4.4010

Triad

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



86.1460, 112.4140, 44.2380



85.4350, -51.7990, -57.9670



99.5100, -114.8550, 16.5450

Complementary

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



86.1460, 112.4140, 44.2380



161.8540, -112.4140, -44.2380

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.



106.7190, -114.4860, 4.3460



86.1460, 112.4140, 44.2380



96.4470, -77.2950, -36.4230

Square

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



86.1460, 112.4140, 44.2380



90.3740, -6.2710, -57.0790



104.5410, -100.0860, -14.3420



112.3750, -29.8110, 50.1970

Rectangle

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



86.1460, 112.4140, 44.2380



106.1860, 59.9290, -23.3270



104.5410, -100.0860, -14.3420



103.0320, -116.5050, 13.4070

Sweetspot

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



86.1460, 112.4140, 44.2380



209.0760, 38.3730, 14.9250



103.2350, 45.6020, 98.7060



100.1880, 23.1980, 9.1020



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.



86.1460, 112.4140, 44.2380



77.7270, 147.8070, 58.1030



134.3140, 92.5240, -2.8040



102.2890, 6.5560, 2.3320



52.7530, 100.2190, 39.4750



13.9820, 26.7740, 10.3740

Inverse Universe

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



86.1460, 112.4140, 44.2380



77.7270, 147.8070, 58.1030



113.6860, -92.5240, 2.8040



102.2890, 6.5560, 2.3320



52.7530, 100.2190, 39.4750



13.9820, 26.7740, 10.3740

Previews

White Background



This preview shows how the YIQ color 86.1460, 112.4140, 44.2380 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 86.1460, 112.4140, 44.2380

Background



This preview shows how black text looks on a background with the YIQ color 86.1460, 112.4140, 44.2380.



This preview shows how white text looks on a background with the YIQ color 86.1460, 112.4140,

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

86.1460, 112.4140, 44.2380

Protanopia

110.9050, 24.5320, -15.0840

Deuteranopia

107.7490, 51.0340, -21.8140



Tritanopia

85.9520, 115.7160, 39.4600

Trichromacy



Original Color

86.1460, 112.4140, 44.2380

Protanomaly

101.6740, 56.7600, 6.5840

Deuteranomaly

100.0100, 73.1290, 1.7770

Tritanomaly

85.8210, 114.7070, 41.2270

Monochromacy



Original Color

86.1460, 112.4140, 44.2380

Achromatopsia

86.0000, -0.0000, -0.0000

Achromatomaly

86.2720, 40.7570, 15.7730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 86.1460, 112.4140, 44.2380 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(221, 27, 37)` looks like.

```
.text, #text, p{  
    color:rgb(221, 27, 37)  
}
```

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(221, 27, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 27, 37) }
```

Border

The CSS property to change the border of an element to YIQ 86.1460, 112.4140, 44.2380 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(221, 27, 37) }
```


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

```
.border{ border-color:rgb(221, 27, 37) }
```

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

Here you see how a box with a 4 pixel rgb(221, 27, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 27, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 27, 37);  
box-shadow:4px 4px 4px 4px rgb(221, 27,  
37) }
```

Background

The CSS property to change the background color of an element to YIQ 86.1460, 112.4140, 44.2380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 27, 37) }
```

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

```
.background{ background-color: rgb(221, 27,  
37) }
```

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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