

Converting Colors

YIQ(88.6090, 101.2250, 54.2890)

Have a look what the booklet for
YIQ(88.6090, 101.2250, 54.2890)
contains.

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Color

**YIQ(88.6090, 101.2250,
54.2890)**

Conversions

Conversions Part 1

Format	Color
Hex	DB1A45
RGB	219, 26, 69
RGB Percent	86%, 10%, 27%
CMY	0.1407, 0.8983, 0.7290
CMYK	0.00, 0.88, 0.68, 0.14
HSL	347°, 79%, 48%
HSV	347°, 88%, 86%
XYZ	30.6954, 16.2453, 7.1634
YIQ	88.6090, 101.2250, 54.2890

Conversions

Conversions Part 2

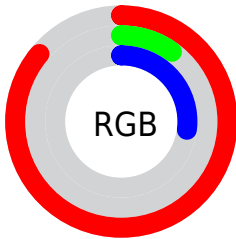
Format	Color
RYB	219, 26, 69
Decimal	14359109
CIELab	47.29, 70.22, 28.39
CIElCh	47, 75.743, 22.013
Yxy	16.2453, 0.5673, 0.3003
Android (android.graphics.Color)	4292549189 (0xFFDB1A45)
YUV	88.6090, -9.6672, 114.3529
Hunter-Lab	40.3055, 65.4054, 17.6764

Details

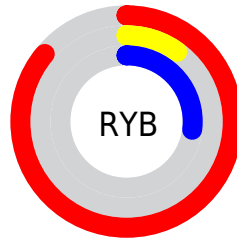
The YIQ color **88.6090, 101.2250, 54.2890** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **156.3910, -101.2250, -54.2890**, and the grayscale version is **89.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **146.5220, 87.7480, 39.7160**, and **49.7220, 84.3090, 41.4690** is the 20% darker color. If you saturate the color by 10%, you get **73.7570, 112.7320, 60.5080**, and if you desaturate by 10%, it is **103.4610, 89.7180, 48.0700**.

Distribution



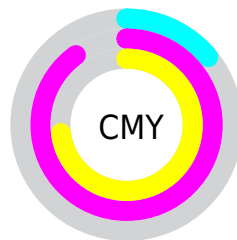
- Red (86%)
- Green (10%)
- Blue (27%)



- Red (86%)
- Yellow (10%)
- Blue (27%)



- Cyan (0%)
- Magenta (88%)
- Yellow (68%)
- Black (14%)





- Cyan (14%)
- Magenta (90%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 88.6090, 101.2250, 54.2890 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 88.6090, 101.2250, 54.2890 by changing the saturation by 10% instead.


 88.6090, 101.2250,
54.2890


 88.6090, 101.2250,
54.2890


255.0000, -0.0000,
-0.0000


 61.2710, 96.3650,
54.2610


 146.5220, 87.7480,
39.7160


 49.7220, 84.3090,
41.4690


 167.0960, 71.1520,
32.1120


 37.4890, 74.1790,
26.8110


 187.0830, 54.8310,
25.0310

 28.0350, 54.7860,
20.3380

 207.7710, 37.9140,
17.7380

 19.4780, 37.1810,
14.5010

 227.9860, 20.9510,
11.2790

 8.7850, 16.9630,
6.4590

 249.4890, 3.1170,

 0.0000, 0.0000,

4.0850

0.0000

■ 88.6090, 101.2250,
54.2890

■ 88.6090, 101.2250,
54.2890

■ 73.7570, 112.7320,
60.5080

■ 103.4610, 89.7180,
48.0700

■ 71.0670, 114.7950,
61.6670

■ 118.3130, 78.2110,
41.8510

■ 133.1650, 66.7040,
35.6320

■ 148.0170, 55.1970,
29.4130

■ 162.8690, 43.6900,
23.1940

■ 177.1340, 32.4580,
17.4980

■ 191.9860, 20.9510,
11.2790

■ 206.8380, 9.4440,
5.0600

■ 221.6900, -2.0630,
-1.1590

Harmonies

Analogous

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



87.2520, 81.3220, 79.0980



88.6090, 101.2250, 54.2890



100.5690, 96.4200, 3.6840

Triad

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



88.6090, 101.2250, 54.2890



80.1230, -42.3530, -63.9610



101.3220, -111.6900, 8.7420

Complementary

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



88.6090, 101.2250, 54.2890



156.3910, -101.2250, -54.2890

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.



104.1140, -105.7730, -4.8850



88.6090, 101.2250, 54.2890



91.4940, -67.4820, -43.5620

Square

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



88.6090, 101.2250, 54.2890



99.7090, 21.0070, -44.8250



99.7190, -89.2640, -23.2480



101.8590, -72.9970, 28.8830

Rectangle

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



88.6090, 101.2250, 54.2890



105.6980, 73.4070, -14.2810



99.7190, -89.2640, -23.2480



103.1000, -111.1850, 5.0950

Sweetspot

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



88.6090, 101.2250, 54.2890



210.4440, 34.5210, 18.6570



92.2540, 26.2550, 91.3990



100.9860, 20.9510, 11.2790



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.



88.6090, 101.2250, 54.2890



82.7430, 133.6830, 71.7870



113.6440, 101.0030, 14.2430



102.5170, 5.9140, 2.9540



56.1730, 90.5890, 48.8050



14.8940, 24.2060, 12.8620

Inverse Universe

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



88.6090, 101.2250, 54.2890



82.7430, 133.6830, 71.7870



131.3560, -101.0030, -14.2430



102.5170, 5.9140, 2.9540



56.1730, 90.5890, 48.8050



14.8940, 24.2060, 12.8620

Previews

White Background



This preview shows how the YIQ color 88.6090, 101.2250, 54.2890 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 88.6090, 101.2250, 54.2890 looks on a 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 88.6090, 101.2250, 54.2890

Background



This preview shows how black text looks on a background with the YIQ color 88.6090, 101.2250, 54.2890.

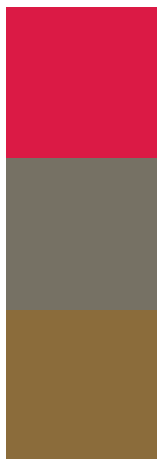


This preview shows how white text looks on a background with the YIQ color 88.6090, 101.2250,

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

88.6090, 101.2250, 54.2890

Protanopia

113.0130, 7.1530, -2.9830

Deuteranopia

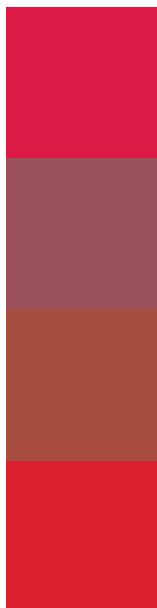
111.6830, 34.2050, -8.6670



Tritanopia

90.1900, 109.1140, 37.9620

Trichromacy



Original Color

88.6090, 101.2250, 54.2890

Protanomaly

104.0380, 41.5360, 18.1760

Deuteranomaly

103.2000, 58.4550, 14.4150

Tritanomaly

89.3240, 106.0410, 44.0970

Monochromacy



Original Color

88.6090, 101.2250, 54.2890

Achromatopsia

89.0000, -0.0000, -0.0000

Achromatomaly

88.7540, 36.5840, 19.8160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 88.6090, 101.2250, 54.2890 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(219, 26, 69)` looks like.

```
.text, #text, p{  
    color:rgb(219, 26, 69)  
}
```

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(219, 26, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 26, 69) }
```

Border

The CSS property to change the border of an element to YIQ 88.6090, 101.2250, 54.2890 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(219, 26, 69) }
```


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

```
.border{ border-color:rgb(219, 26, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 26, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 26, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 26, 69);  
box-shadow:4px 4px 4px 4px rgb(219, 26,  
69) }
```

Background

The CSS property to change the background color of an element to YIQ 88.6090, 101.2250, 54.2890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 26, 69) }
```

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

```
.background{ background-color: rgb(219, 26,  
69) }
```

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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