

Converting Colors

YIQ(88.1190, 99.8490, 57.2010)

Have a look what the booklet for
YIQ(88.1190, 99.8490, 57.2010)
contains.

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Color

**YIQ(88.1190, 99.8490,
57.2010)**

Conversions

Conversions Part 1

Format	Color
Hex	DB184B
RGB	219, 24, 75
RGB Percent	86%, 9%, 29%
CMY	0.1407, 0.9061, 0.7055
CMYK	0.00, 0.89, 0.66, 0.14
HSL	344°, 80%, 48%
HSV	344°, 89%, 86%
XYZ	30.8495, 16.2388, 8.1814
YIQ	88.1190, 99.8490, 57.2010

Conversions

Conversions Part 2

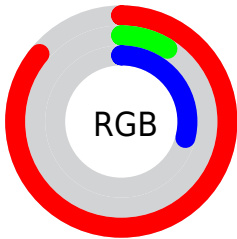
Format	Color
R_{YB}	219, 24, 75
Decimal	14358603
CIE Lab	47.29, 70.83, 24.72
CIE LCh	47, 75.020, 19.238
Yxy	16.2388, 0.5582, 0.2938
Android (android.graphics.Color)	4292548683 (0xFFDB184B)
YUV	88.1190, -6.4677, 114.7826
Hunter-Lab	40.2974, 66.1294, 16.1708

Details

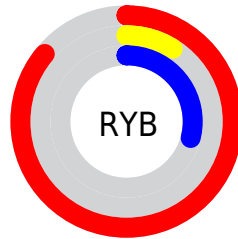
The YIQ color **88.1190, 99.8490, 57.2010** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **154.8810, -99.8490, -57.2010**, and the grayscale version is **88.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **147.2060, 85.8220, 41.5820**, and **50.2920, 82.7040, 43.0240** is the 20% darker color. If you saturate the color by 10%, you get **73.3810, 111.0350, 63.7310**, and if you desaturate by 10%, it is **102.8570, 88.6630, 50.6710**.

Distribution



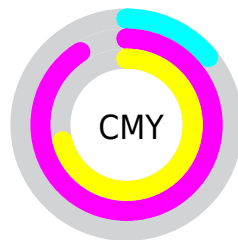
- Red (86%)
- Green (9%)
- Blue (29%)



- Red (86%)
- Yellow (9%)
- Blue (29%)



- Cyan (0%)
- Magenta (89%)
- Yellow (66%)
- Black (14%)





- Cyan (14%)
- Magenta (91%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 88.1190, 99.8490, 57.2010 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 88.1190, 99.8490, 57.2010 by changing the saturation by 10% instead.


 88.1190, 99.8490,
57.2010


 88.1190, 99.8490,
57.2010


255.0000, -0.0000,
-0.0000


 61.9550, 94.4390,
56.1270


 147.3200, 85.5010,
41.8930


 50.2920, 82.7040,
43.0240


 167.7800, 69.2260,
33.9780


 38.5150, 71.2900,
29.6100


 187.8810, 52.5840,
27.2080

 28.3340, 55.3820,
20.5500

 207.9820, 35.9420,
20.4380

 19.4780, 37.1810,
14.5010

 228.7840, 18.7040,
13.4560

 9.0840, 17.5590,
6.6710

 249.1300, 2.7500,

 0.0000, 0.0000,

5.2300

0.0000

■ 88.1190, 99.8490,
57.2010

■ 88.1190, 99.8490,
57.2010

■ 73.3810, 111.0350,
63.7310

■ 102.8570, 88.6630,
50.6710

■ 71.9790, 112.2270,
64.1550

■ 117.5950, 77.4770,
44.1410

■ 132.4470, 65.9700,
37.9220

■ 147.1850, 54.7840,
31.3920

■ 161.9230, 43.5980,
24.8620

■ 176.0740, 32.6870,
18.8550

■ 190.8120, 21.5010,
12.3250

■ 205.5500, 10.3150,
5.7950

■ 220.4020, -1.1920,
-0.4240

Harmonies

Analogous

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



92.3220, 75.1330, 75.6210



88.1190, 99.8490, 57.2010



100.2750, 97.4280, 7.4440

Triad

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



88.1190, 99.8490, 57.2010



78.3960, -38.8680, -66.5480



101.6810, -111.3230, 7.5970

Complementary

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



88.1190, 99.8490, 57.2010



154.8810, -99.8490, -57.2010

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.



103.5440, -104.1680, -6.4400



88.1190, 99.8490, 57.2010



90.2230, -65.2810, -44.9050

Square

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



88.1190, 99.8490, 57.2010



100.3290, 25.1330, -42.5070



98.9210, -87.0170, -25.4250



92.3720, -96.7910, 19.5690

Rectangle

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



88.1190, 99.8490, 57.2010



105.1330, 76.6160, -11.8640



98.9210, -87.0170, -25.4250



103.2310, -110.1760, 3.3280

Sweetspot

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



88.1190, 99.8490, 57.2010



208.6830, 35.3460, 20.2260



88.9870, 22.6330, 90.9610



100.3990, 21.2260, 11.8020



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.



88.1190, 99.8490, 57.2010



83.8830, 130.4730, 74.8970



108.7200, 103.8450, 17.8050



102.6310, 5.5930, 3.2650



56.8570, 88.6630, 50.6710



15.1220, 23.5640, 13.4840

Inverse Universe

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



88.1190, 99.8490, 57.2010



83.8830, 130.4730, 74.8970



134.2800, -103.8450, -17.8050



102.6310, 5.5930, 3.2650



56.8570, 88.6630, 50.6710



15.1220, 23.5640, 13.4840

Previews

White Background



This preview shows how the YIQ color 88.1190, 99.8490, 57.2010 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 88.1190, 99.8490, 57.2010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

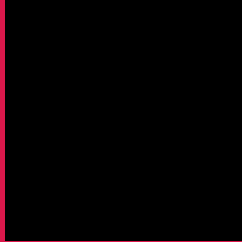
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 88.1190, 99.8490, 57.2010

Background



This preview shows how black text looks on a background with the YIQ color 88.1190, 99.8490, 57.2010.



This preview shows how white text looks on a background with the YIQ color 88.1190, 99.8490,

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

88.1190, 99.8490, 57.2010

Protanopia

113.3270, 3.3930, -0.9190

Deuteranopia

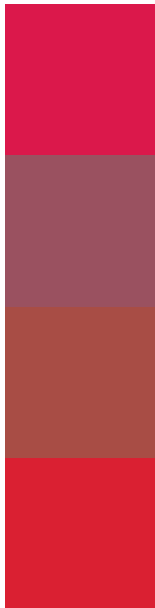
112.0680, 31.6830, -7.0130



Tritanopia

90.3040, 108.7930, 38.2730

Trichromacy



Original Color

88.1190, 99.8490, 57.2010

Protanomaly

104.5370, 38.6930, 20.1410

Deuteranomaly

103.2970, 56.8040, 16.8040

Tritanomaly

89.6660, 105.0780, 45.0300

Monochromacy



Original Color

88.1190, 99.8490, 57.2010

Achromatopsia

88.0000, -0.0000, -0.0000

Achromatomaly

88.2810, 36.5380, 20.6500

CSS Examples

Text

The CSS property to change the color of the text to YIQ 88.1190, 99.8490, 57.2010 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, 24, 75)` looks like.

```
.text, #text, p{  
    color:rgb(219, 24, 75)  
}
```

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, 24, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 24, 75) }
```

Border

The CSS property to change the border of an element to YIQ 88.1190, 99.8490, 57.2010 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, 24, 75) }
```


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

```
.border{ border-color:rgb(219, 24, 75) }
```

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

Here you see how a box with a 4 pixel rgb(219, 24, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 24, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 24, 75);  
box-shadow:4px 4px 4px 4px rgb(219, 24,  
75) }
```

Background

The CSS property to change the background color of an element to YIQ 88.1190, 99.8490, 57.2010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 24, 75) }
```

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

```
.background{ background-color: rgb(219, 24,  
75) }
```

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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