

Converting Colors

YIQ(82.9980, 92.8800, 56.8480)

Have a look what the booklet for
YIQ(82.9980, 92.8800, 56.8480)
contains.

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Color

**YIQ(82.9980, 92.8800,
56.8480)**

Conversions

Conversions Part 1

Format	Color
Hex	CF154D
RGB	207, 21, 77
RGB Percent	81%, 8%, 30%
CMY	0.1878, 0.9179, 0.6977
CMYK	0.00, 0.90, 0.63, 0.19
HSL	342°, 82%, 45%
HSV	342°, 90%, 81%
XYZ	27.3754, 14.3534, 8.3642
YIQ	82.9980, 92.8800, 56.8480

Conversions

Conversions Part 2

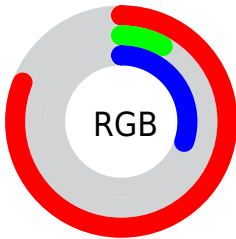
Format	Color
R_{YB}	207, 21, 77
Decimal	13571405
CIE Lab	44.74, 68.41, 19.70
CIE LCh	45, 71.188, 16.063
Yxy	14.3534, 0.5465, 0.2865
Android (android.graphics.Color)	4291761485 (0xFFCF154D)
YUV	82.9980, -2.9570, 108.7498
Hunter-Lab	37.8859, 62.6793, 13.4305

Details

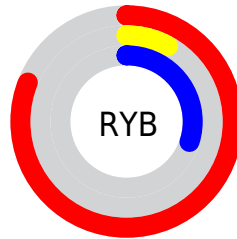
The YIQ color **82.9980, 92.8800, 56.8480** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **145.0020, -92.8800, -56.8480**, and the grayscale version is **83.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **145.2000, 85.9590, 44.6070**, and **47.2310, 75.5060, 41.3140** is the 20% darker color. If you saturate the color by 10%, you get **69.0750, 103.1490, 63.4770**, and if you desaturate by 10%, it is **97.0350, 82.2900, 50.5300**.

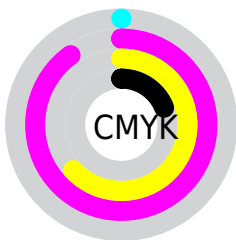
Distribution



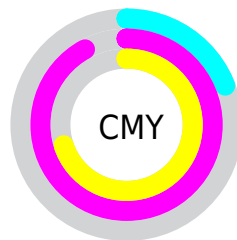
- Red (81%)
- Green (8%)
- Blue (30%)



- Red (81%)
- Yellow (8%)
- Blue (30%)



- Cyan (0%)
- Magenta (90%)
- Yellow (63%)
- Black (19%)





- Cyan (19%)
- Magenta (92%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 82.9980, 92.8800, 56.8480 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 82.9980, 92.8800, 56.8480 by changing the saturation by 10% instead.


 82.9980, 92.8800,
56.8480


 82.9980, 92.8800,
56.8480


255.0000, -0.0000,
-0.0000


 58.8940, 87.2410,
54.4170


 145.2000, 85.9590,
44.6070


 47.2310, 75.5060,
41.3140


 165.6600, 69.6840,
36.6920


 35.5680, 63.7710,
28.2110


 185.7610, 53.0420,
29.9220

 25.3440, 49.4220,
18.4300

 205.8620, 36.4000,
23.1520

 16.3740, 31.5420,
12.0700

 226.7780, 18.8410,
16.4810

 2.0930, 4.1720,
1.4840

 246.1950, 4.1250,

 0.0000, 0.0000,

7.8450

0.0000

■ 82.9980, 92.8800,
56.8480

■ 82.9980, 92.8800,
56.8480

■ 69.0750, 103.1490,
63.4770

■ 97.0350, 82.2900,
50.5300

■ 68.9610, 103.4700,
63.1660

■ 110.3710, 72.2960,
44.4240

■ 124.2940, 62.0270,
37.7950

■ 138.3310, 51.4370,
31.4770

■ 152.2540, 41.1680,
24.8480

■ 165.7040, 30.8530,
19.0530

■ 179.6270, 20.5840,
12.4240

■ 193.6640, 9.9940,
6.1060

■ 207.0000, 0.0000,
-0.0000

Harmonies

Analogous

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



91.1310, 65.1850, 68.6810



82.9980, 92.8800, 56.8480



94.8430, 90.1370, 12.9290

Triad

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



82.9980, 92.8800, 56.8480



72.7880, -34.1000, -64.8520



96.3350, -104.5370, 5.7590

Complementary

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



82.9980, 92.8800, 56.8480



145.0020, -92.8800, -56.8480

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.



97.4970, -96.7860, -8.0660



82.9980, 92.8800, 56.8480



84.2730, -59.5500, -44.1420

Square

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



82.9980, 92.8800, 56.8480



95.9320, 27.9290, -38.1110



92.5150, -80.0020, -25.9060



85.0680, -98.9910, 15.3850

Rectangle

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



82.9980, 92.8800, 56.8480



98.9420, 75.8360, -8.7400



92.5150, -80.0020, -25.9060



97.8850, -103.3900, 1.4900

Sweetspot

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



82.9980, 92.8800, 56.8480



209.0250, 34.3830, 21.1590



80.1770, 15.9860, 84.7700



100.6270, 20.5840, 12.4240



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.



82.9980, 92.8800, 56.8480



85.0230, 127.2630, 78.0070



96.5720, 101.5060, 21.6500



97.6310, 5.5930, 3.2650



56.0460, 83.7570, 51.4770



13.6270, 20.5840, 12.4240

Inverse Universe

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



82.9980, 92.8800, 56.8480



85.0230, 127.2630, 78.0070



131.4280, -101.5060, -21.6500



97.6310, 5.5930, 3.2650



56.0460, 83.7570, 51.4770



13.6270, 20.5840, 12.4240

Previews

White Background



This preview shows how the YIQ color 82.9980, 92.8800, 56.8480 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 82.9980, 92.8800, 56.8480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

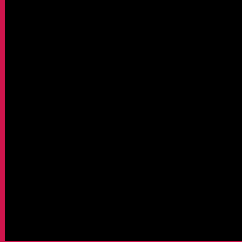
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 82.9980, 92.8800, 56.8480

Background



This preview shows how black text looks on a background with the YIQ color 82.9980, 92.8800, 56.8480.



This preview shows how white text looks on a background with the YIQ color 82.9980, 92.8800,

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

82.9980, 92.8800, 56.8480

Protanopia

107.7550, -0.6880, 1.4560

Deuteranopia

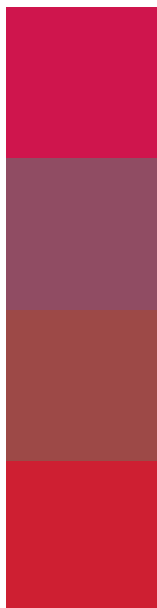
106.1970, 27.0060, -4.8500



Tritanopia

86.6020, 101.9620, 35.4180

Trichromacy



Original Color

82.9980, 92.8800, 56.8480

Protanomaly

98.9540, 33.1450, 21.5690

Deuteranomaly

97.8880, 50.7060, 17.1860

Tritanomaly

85.4910, 98.2010, 43.0090

Monochromacy



Original Color

82.9980, 92.8800, 56.8480

Achromatopsia

83.0000, -0.0000, 0.0000

Achromatomaly

82.7260, 33.7870, 20.9470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 82.9980, 92.8800, 56.8480 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(207, 21, 77)` looks like.

```
.text, #text, p{  
    color:rgb(207, 21, 77)  
}
```

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(207, 21, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 21, 77) }
```

Border

The CSS property to change the border of an element to YIQ 82.9980, 92.8800, 56.8480 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(207, 21, 77) }
```


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

```
.border{ border-color:rgb(207, 21, 77) }
```

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

Here you see how a box with a 4 pixel rgb(207, 21, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 21, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 21, 77);  
box-shadow:4px 4px 4px 4px rgb(207, 21,  
77) }
```

Background

The CSS property to change the background color of an element to YIQ 82.9980, 92.8800, 56.8480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 21, 77) }
```

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

```
.background{ background-color: rgb(207, 21,  
77) }
```

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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