

Converting Colors

YIQ(85.7370, 97.1480, 34.5560)

Have a look what the booklet for
YIQ(85.7370, 97.1480, 34.5560)
contains.

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Color

**YIQ(85.7370, 97.1480,
34.5560)**

Conversions

Conversions Part 1

Format	Color
Hex	C82525
RGB	200, 37, 37
RGB Percent	78%, 15%, 15%
CMY	0.2153, 0.8551, 0.8545
CMYK	0.00, 0.82, 0.81, 0.22
HSL	360°, 69%, 46%
HSV	360°, 82%, 78%
XYZ	24.8408, 13.7460, 3.1024
YIQ	85.7370, 97.1480, 34.5560

Conversions

Conversions Part 2

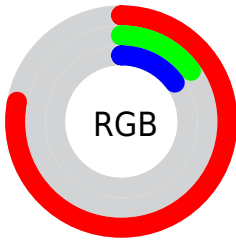
Format	Color
RYB	200, 37, 37
Decimal	13116709
CIELab	43.87, 61.63, 42.13
CIElCh	44, 74.657, 34.357
Yxy	13.7460, 0.5959, 0.3297
Android (android.graphics.Color)	4291306789 (0xFFC82525)
YUV	85.7370, -24.0273, 100.2087
Hunter-Lab	37.0757, 54.7129, 20.9918

Details

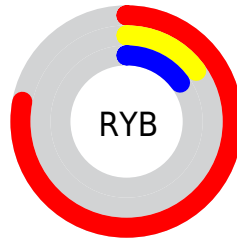
The YIQ color **85.7370, 97.1480, 34.5560** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **151.2630, -97.1480, -34.5560**, and the grayscale version is **86.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **143.8200, 98.1120, 28.0960**, and **40.9630, 81.6520, 29.0440** is the 20% darker color. If you saturate the color by 10%, you get **71.7170, 109.0680, 38.7960**, and if you desaturate by 10%, it is **99.7570, 85.2280, 30.3160**.

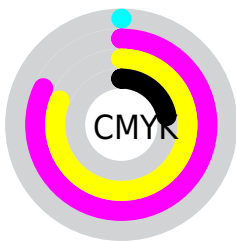
Distribution



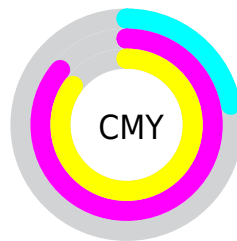
- Red (78%)
- Green (15%)
- Blue (15%)



- Red (78%)
- Yellow (15%)
- Blue (15%)



- Cyan (0%)
- Magenta (82%)
- Yellow (81%)
- Black (22%)





- Cyan (22%)
- Magenta (86%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 85.7370, 97.1480, 34.5560 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 85.7370, 97.1480, 34.5560 by changing the saturation by 10% instead.


 85.7370, 97.1480,
34.5560


 85.7370, 97.1480,
34.5560


255.0000, -0.0000,
-0.0000


 51.9420, 95.3130,
40.2810


 143.8200, 98.1120,
28.0960


 40.9630, 81.6520,
29.0440


 163.1060, 82.3870,
21.2270


 31.6940, 63.1760,
22.4720


 183.0930, 66.0660,
14.1460

 22.9520, 44.6540,
16.7340

 203.0800, 49.7450,
7.0650

 13.9820, 26.7740,
10.3740

 223.1810, 33.1030,
0.2950

 0.0000, 0.0000,
0.0000

 243.3960, 16.1400,

-6.1640

253.7460, 3.5310,
-3.4210

85.7370, 97.1480,
34.5560

85.7370, 97.1480,
34.5560

71.7170, 109.0680,
38.7960

99.7570, 85.2280,
30.3160

59.8000, 119.2000,
42.4000

113.7770, 73.3080,
26.0760

127.7970, 61.3880,
21.8360

141.8170, 49.4680,
17.5960

155.8370, 37.5480,
13.3560

■ 169.8570, 25.6280,
9.1160

■ 183.8770, 13.7080,
4.8760

■ 197.8970, 1.7880,
0.6360

■ 211.9170,
-10.1320, -3.6040

Harmonies

Analogous

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



73.3640, 92.5100, 74.5740



85.7370, 97.1480, 34.5560



96.3060, 77.8070, -5.9130

Triad

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



85.7370, 97.1480, 34.5560



79.0920, -49.0950, -51.9030



90.0890, -103.4840, 14.2120

Complementary

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



85.7370, 97.1480, 34.5560



151.2630, -97.1480, -34.5560

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.



97.4120, -103.4360, 2.3240



85.7370, 97.1480, 34.5560



88.3770, -71.1060, -32.9460

Square

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



85.7370, 97.1480, 34.5560



84.8030, -2.9250, -51.6370



95.4450, -91.0080, -13.6640



104.1380, -24.9500, 44.6980

Rectangle

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



85.7370, 97.1480, 34.5560



97.9020, 54.9770, -21.6870



95.4450, -91.0080, -13.6640



94.1980, -105.4090, 10.5510

Sweetspot

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



85.7370, 97.1480, 34.5560



212.2390, 36.3560, 12.9320



103.4220, 43.0370, 84.6130



102.0630, 22.0520, 7.8440



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.



85.7370, 97.1480, 34.5560



79.7500, 149.0000, 53.0000



132.1100, 75.4230, -6.7610



92.6910, 5.3640, 1.9080



48.7370, 97.1480, 34.5560



10.7640, 21.4560, 7.6320

Inverse Universe

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



85.7370, 97.1480, 34.5560



79.7500, 149.0000, 53.0000



104.8900, -75.4230, 6.7610



92.6910, 5.3640, 1.9080



48.7370, 97.1480, 34.5560



10.7640, 21.4560, 7.6320

Previews

White Background



This preview shows how the YIQ color 85.7370, 97.1480, 34.5560 looks on a white background.

Color Contrast Check

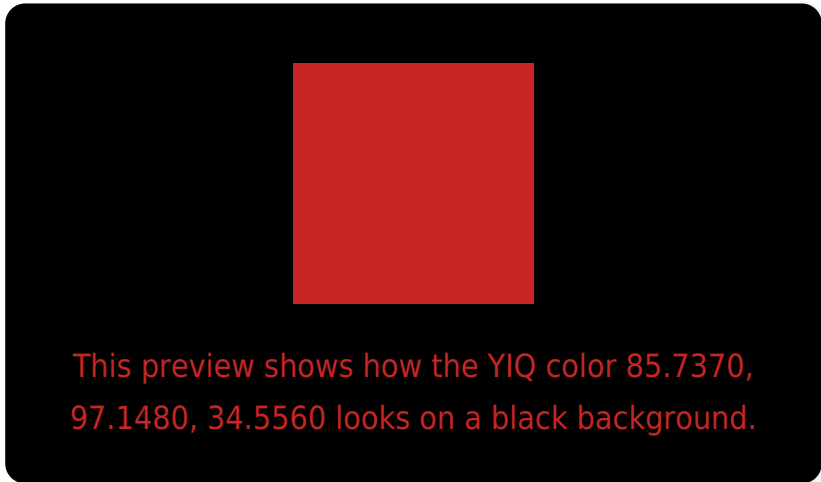
Large Text (above 18pt) WCAG AA ✓ Pass

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 85.7370, 97.1480, 34.5560

Background



This preview shows how black text looks on a background with the YIQ color 85.7370, 97.1480, 34.5560.



This preview shows how white text looks on a background with the YIQ color 85.7370, 97.1480,

34.5560.

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

85.7370, 97.1480, 34.5560

Protanopia

102.5890, 22.6060, -13.2180

Deuteranopia

99.9750, 44.7060, -17.2620



Tritanopia

85.6230, 97.4690, 34.2450

Trichromacy



Original Color

85.7370, 97.1480, 34.5560

Protanomaly

96.3850, 50.2040, 4.2520

Deuteranomaly

94.6330, 64.0050, 1.9330

Tritanomaly

85.6230, 97.4690, 34.2450

Monochromacy



Original Color

85.7370, 97.1480, 34.5560

Achromatopsia

86.0000, -0.0000, -0.0000

Achromatomaly

85.6410, 35.1640, 12.5080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 85.7370, 97.1480, 34.5560 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(200, 37, 37)` looks like.

```
.text, #text, p{  
    color:rgb(200, 37, 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(200, 37, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 37, 37) }
```

Border

The CSS property to change the border of an element to YIQ 85.7370, 97.1480, 34.5560 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(200, 37, 37) }
```


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

```
.border{ border-color:rgb(200, 37, 37) }
```

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

Here you see how a box with a 4 pixel rgb(200, 37, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 37, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 37, 37);  
box-shadow:4px 4px 4px 4px rgb(200, 37,  
37) }
```

Background

The CSS property to change the background color of an element to YIQ 85.7370, 97.1480, 34.5560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 37, 37) }
```

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

```
.background{ background-color: rgb(200, 37,  
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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