

Converting Colors

YIQ(79.4060, 99.5780, 34.5700)

Have a look what the booklet for
YIQ(79.4060, 99.5780, 34.5700)
contains.

YIQ(79.4060, 99.5780, 34.5700)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(79.4060, 99.5780,
34.5700)**

Conversions

Conversions Part 1

Format	Color
Hex	C41E1C
RGB	196, 30, 28
RGB Percent	77%, 12%, 11%
CMY	0.2310, 0.8826, 0.8898
CMYK	0.00, 0.85, 0.86, 0.23
HSL	1°, 75%, 44%
HSV	1°, 86%, 77%
XYZ	23.4644, 12.7586, 2.3309
YIQ	79.4060, 99.5780, 34.5700

Conversions

Conversions Part 2

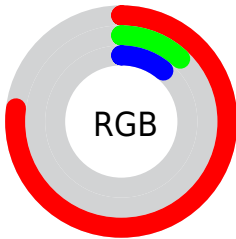
Format	Color
R_{YB}	196, 30, 28
Decimal	12852764
CIE _{Lab}	42.40, 61.95, 45.15
CIE _{LCh}	42, 76.657, 36.087
Yxy	12.7586, 0.6086, 0.3309
Android (android.graphics.Color)	4291042844 (0xFFC41E1C)
YUV	79.4060, -25.3432, 102.2529
Hunter-Lab	35.7191, 54.7506, 21.1343

Details

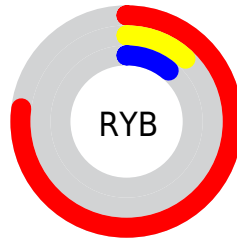
The YIQ color **79.4060, 99.5780, 34.5700** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **144.5940, -99.5780, -34.5700**, and the grayscale version is **80.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **139.8590, 102.3760, 27.9120**, and **39.7670, 79.2680, 28.1960** is the 20% darker color. If you saturate the color by 10%, you get **65.9730, 111.2230, 38.2870**, and if you desaturate by 10%, it is **92.8390, 87.9330, 30.8530**.

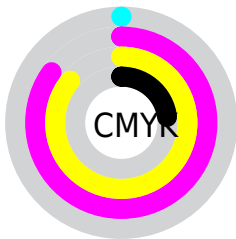
Distribution



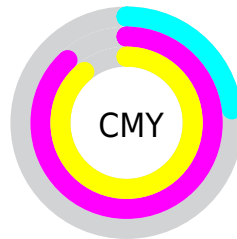
- Red (77%)
- Green (12%)
- Blue (11%)



- Red (77%)
- Yellow (12%)
- Blue (11%)



- Cyan (0%)
- Magenta (85%)
- Yellow (86%)
- Black (23%)



- Cyan (23%)
- Magenta (88%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 79.4060, 99.5780, 34.5700 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 79.4060, 99.5780, 34.5700 by changing the saturation by 10% instead.

■ 79.4060, 99.5780,
34.5700

■ 79.4060, 99.5780,
34.5700

255.0000, -0.0000,
-0.0000

■ 49.6060, 96.1390,
36.3230

■ 139.8590,
102.3760, 27.9120

■ 39.7670, 79.2680,
28.1960

■ 159.7320, 86.3760,
20.5200

■ 30.4980, 60.7920,
21.6240

■ 179.0180, 70.6510,
13.6510

■ 21.7560, 42.2700,
15.8860

■ 199.0050, 54.3300,
6.5700

■ 12.6720, 24.7110,
9.2150

■ 219.1060, 37.6880,
-0.2000

■ 0.0000, 0.0000,
0.0000

■ 239.3210, 20.7250,

-6.6590

252.4920, 7.0620,
-6.8420

79.4060, 99.5780,
34.5700

79.4060, 99.5780,
34.5700

65.9730, 111.2230,
38.2870

92.8390, 87.9330,
30.8530

59.7780, 116.2660,
40.5060

106.7450, 76.3340,
26.3020

120.1780, 64.6890,
22.5850

134.1980, 52.7690,
18.3450

147.5170, 41.4450,
14.3170

■ 160.9500, 29.8000,
10.6000

■ 174.8560, 18.2010,
6.0490

■ 188.2890, 6.5560,
2.3320

■ 201.7220, -5.0890,
-1.3850

Harmonies

Analogous

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



71.8540, 93.8860, 71.6620



79.4060, 99.5780, 34.5700



93.0500, 75.6520, -5.4040

Triad

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



79.4060, 99.5780, 34.5700



77.2170, -47.9490, -50.6450



87.6270, -102.0630, 15.9930

Complementary

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



79.4060, 99.5780, 34.5700



144.5940, -99.5780, -34.5700

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.



95.1780, -102.6570, 4.7270



79.4060, 99.5780, 34.5700



86.1430, -70.3270, -30.5430

Square

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



79.4060, 99.5780, 34.5700



78.5570, -11.0400, -53.2480



93.2110, -90.2290, -11.2610



100.1710, -20.5490, 47.5390

Rectangle

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



79.4060, 99.5780, 34.5700



94.6350, 51.3550, -22.1250



93.2110, -90.2290, -11.2610



91.2630, -104.0340, 13.1660

Sweetspot

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



79.4060, 99.5780, 34.5700



208.7340, 39.3360, 13.9920



97.3840, 46.2000, 87.8640



99.9600, 23.8400, 8.4800



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.



79.4060, 99.5780, 34.5700



78.0060, 151.1550, 52.4910



127.5400, 77.0280, -8.3160



89.9900, 5.9600, 2.1200



49.3130, 95.4060, 33.0860



9.8670, 19.6680, 6.9960

Inverse Universe

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



144.5940, -99.5780, -34.5700



176.9940, -151.1550, -52.4910



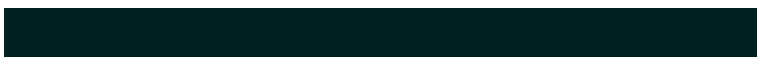
96.4600, -77.0280, 8.3160



94.0100, -5.9600, -2.1200



111.6870, -95.4060, -33.0860



23.1330, -19.6680, -6.9960

Previews

White Background



This preview shows how the YIQ color 79.4060, 99.5780, 34.5700 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 79.4060, 99.5780, 34.5700 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 79.4060, 99.5780, 34.5700

Background



This preview shows how black text looks on a background with the YIQ color 79.4060, 99.5780, 34.5700.



This preview shows how white text looks on a background with the YIQ color 79.4060, 99.5780,

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

79.4060, 99.5780, 34.5700

Protanopia

98.7910, 24.8530, -15.3950

Deuteranopia

94.6240, 49.8880, -23.0720



Tritanopia

79.4060, 99.5780, 34.5700

Trichromacy



Original Color

79.4060, 99.5780, 34.5700

Protanomaly

91.8150, 51.8090, 2.6970

Deuteranomaly

89.1510, 68.1780, -2.1100

Tritanomaly

79.4060, 99.5780, 34.5700

Monochromacy



Original Color

79.4060, 99.5780, 34.5700

Achromatopsia

79.0000, -0.0000, 0.0000

Achromatomaly

79.1250, 36.6770, 12.6210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 79.4060, 99.5780, 34.5700 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(196, 30, 28)` looks like.

```
.text, #text, p{  
    color:rgb(196, 30, 28)  
}
```

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(196, 30, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 30, 28) }
```

Border

The CSS property to change the border of an element to YIQ 79.4060, 99.5780, 34.5700 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(196, 30, 28) }
```


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

```
.border{ border-color:rgb(196, 30, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 30, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 30, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 30, 28);  
box-shadow:4px 4px 4px 4px rgb(196, 30,  
28) }
```

Background

The CSS property to change the background color of an element to YIQ 79.4060, 99.5780, 34.5700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 30, 28) }
```

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

```
.background{ background-color: rgb(196, 30,  
28) }
```

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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