

Converting Colors

YIQ(79.5330, 97.2420, 21.8340)

Have a look what the booklet for
YIQ(79.5330, 97.2420, 21.8340)
contains.

YIQ(79.5330, 97.2420, 21.8340)	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(79.5330, 97.2420,
21.8340)**

Conversions

Conversions Part 1

Format	Color
Hex	BA2709
RGB	186, 39, 9
RGB Percent	73%, 15%, 4%
CMY	0.2703, 0.8473, 0.9643
CMYK	0.00, 0.79, 0.95, 0.27
HSL	10°, 91%, 38%
HSV	10°, 95%, 73%
XYZ	21.0436, 11.9166, 1.4525
YIQ	79.5330, 97.2420, 21.8340

Conversions

Conversions Part 2

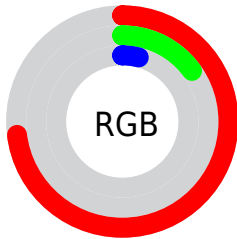
Format	Color
RYB	186, 45, 9
Decimal	12199689
CIELab	41.08, 56.43, 50.99
CIElCh	41, 76.054, 42.098
Yxy	11.9166, 0.6115, 0.3463
Android (android.graphics.Color)	4290389769 (0xFFBA2709)
YUV	79.5330, -34.7728, 93.3716
Hunter-Lab	34.5204, 48.4024, 21.6697

Details

The YIQ color **79.5330, 97.2420, 21.8340** is a dark color, and the websafe version is hex **CC3300**. A complement of this color would be **115.4670, -97.2420, -21.8340**, and the grayscale version is **80.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **139.0020, 103.1110, 20.0950**, and **36.7770, 73.3080, 26.0760** is the 20% darker color. If you saturate the color by 10%, you get **73.8110, 102.3310, 23.2190**, and if you desaturate by 10%, it is **90.5040, 87.0180, 19.8980**.

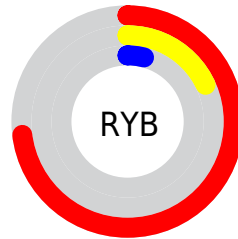
Distribution



Red (73%)

Green (15%)

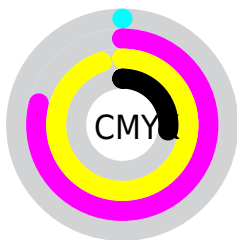
Blue (4%)



Red (73%)

Yellow (18%)

Blue (4%)

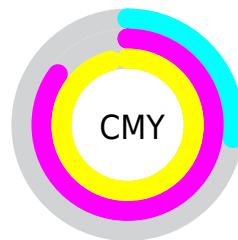


Cyan (0%)

Magenta (79%)

Yellow (95%)

Black (27%)



Cyan (27%)


Magenta (85%)


Yellow (96%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 79.5330, 97.2420, 21.8340 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 79.5330, 97.2420, 21.8340 by changing the saturation by 10% instead.

 79.5330, 97.2420,
21.8340


 79.5330, 97.2420,
21.8340


 253.9740, 2.8890,
-2.7990


 46.3450, 92.3800,
32.8600


 139.0020,
103.1110, 20.0950


 36.7770, 73.3080,
26.0760


 159.1960, 90.6410,
14.8090


 27.8070, 55.4280,
19.7160

 178.4820, 74.9160,
7.9400

 19.6630, 38.0980,
14.4020

 198.4690, 58.5950,
0.8590

 9.6820, 18.7510,
7.0950

 217.9830, 42.2280,
-5.3880

 0.0000, 0.0000,
0.0000

 238.6710, 25.3110,

-12.6810

250.6680, 12.1980,
-11.8180

79.5330, 97.2420,
21.8340

79.5330, 97.2420,
21.8340

73.8110, 102.3310,
23.2190

90.5040, 87.0180,
19.8980

101.9480, 76.8400,
17.1280

112.9190, 66.6160,
15.1920

124.4770, 56.1170,
12.7330

135.3340, 46.2140,
10.4860

■ 146.8920, 35.7150,
8.0270

■ 157.7490, 25.8120,
5.7800

■ 169.3070, 15.3130,
3.3210

■ 180.2780, 5.0890,
1.3850

Harmonies

Analogous

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



68.9480, 96.3170, 66.1490



79.5330, 97.2420, 21.8340



91.5110, 66.8040, -10.2520

Triad

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



79.5330, 97.2420, 21.8340



76.7100, -50.6550, -45.6550



82.1330, -97.6160, 18.0000

Complementary

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



79.5330, 97.2420, 21.8340



115.4670, -97.2420, -21.8340

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.



92.2430, -101.2820, 7.3420



79.5330, 97.2420, 21.8340



85.5220, -72.7120, -25.8640

Square

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



79.5330, 97.2420, 21.8340



66.9180, -31.3500, -59.6220



91.5470, -91.0550, -7.3030



97.3150, -3.2190, 52.8530

Rectangle

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



79.5330, 97.2420, 21.8340



90.7370, 42.1400, -25.8280



91.5470, -91.0550, -7.3030



87.1710, -100.7790, 14.7490

Sweetspot

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



79.5330, 97.2420, 21.8340



199.9740, 38.4200, 8.5640



78.7950, 57.9840, 83.5520



96.6670, 23.1070, 5.2430



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.5330, 97.2420, 21.8340



96.4250, 132.9570, 29.8610



131.1890, 73.0420, -24.1900



86.2780, 5.0890, 1.3850



61.9060, 85.8260, 19.4740



11.3070, 15.3130, 3.3210

Inverse Universe

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



115.4670, -97.2420, -21.8340



145.5750, -132.9570, -29.8610



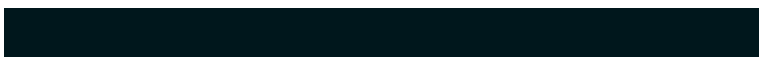
63.8110, -73.0420, 24.1900



88.1350, -4.8140, -0.8620



93.5070, -85.5510, -18.9510



16.6930, -15.3130, -3.3210

Previews

White Background



This preview shows how the YIQ color 79.5330, 97.2420, 21.8340 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 79.5330, 97.2420, 21.8340

Background



This preview shows how black text looks on a background with the YIQ color 79.5330, 97.2420, 21.8340.



This preview shows how white text looks on a background with the YIQ color 79.5330, 97.2420,

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

79.5330, 97.2420, 21.8340

Protanopia

93.2660, 30.5850, -20.1590

Deuteranopia

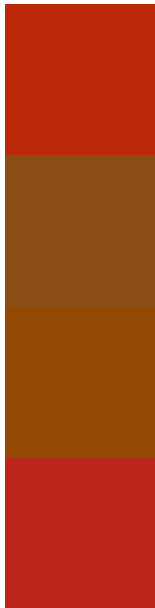
91.6670, 48.3290, -22.3510



Tritanopia

81.4370, 89.1250, 31.2770

Trichromacy



Original Color

79.5330, 97.2420, 21.8340

Protanomaly

88.6270, 54.9740, -5.1060

Deuteranomaly

87.1460, 66.5740, -6.0820

Tritanomaly

80.8840, 92.0600, 27.6440

Monochromacy



Original Color

79.5330, 97.2420, 21.8340

Achromatopsia

80.0000, 0.0000, -0.0000

Achromatomaly

79.8920, 35.7150, 8.0270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 79.5330, 97.2420, 21.8340 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(186, 39, 9)` looks like.

```
.text, #text, p{  
    color:rgb(186, 39, 9)  
}
```

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(186, 39, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 39, 9) }
```

Border

The CSS property to change the border of an element to YIQ 79.5330, 97.2420, 21.8340 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(186, 39, 9) }
```


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

```
.border{ border-color:rgb(186, 39, 9) }
```

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

Here you see how a box with a 4 pixel rgb(186, 39, 9) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 39, 9); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 39, 9);  
box-shadow:4px 4px 4px 4px rgb(186, 39, 9)  
}
```

Background

The CSS property to change the background color of an element to YIQ 79.5330, 97.2420, 21.8340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 39, 9) }
```

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

```
.background{ background-color: rgb(186, 39,  
9) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor