

Converting Colors

YIQ(64.3350, 98.3400, 34.9800)

Have a look what the booklet for
YIQ(64.3350, 98.3400, 34.9800)
contains.

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Color

**YIQ(64.3350, 98.3400,
34.9800)**

Conversions

Conversions Part 1

Format	Color
Hex	B40F0F
RGB	180, 15, 15
RGB Percent	71%, 6%, 6%
CMY	0.2937, 0.9413, 0.9408
CMYK	0.00, 0.92, 0.92, 0.29
HSL	360°, 85%, 38%
HSV	360°, 92%, 71%
XYZ	19.1025, 10.0898, 1.3964
YIQ	64.3350, 98.3400, 34.9800

Conversions

Conversions Part 2

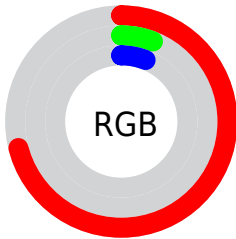
Format	Color
RYB	180, 15, 15
Decimal	11800335
CIELab	38.00, 60.11, 46.29
CIELCh	38, 75.868, 37.604
Yxy	10.0898, 0.6245, 0.3299
Android (android.graphics.Color)	4289990415 (0xFFB40F0F)
YUV	64.3350, -24.3222, 101.4382
Hunter-Lab	31.7644, 51.7586, 19.6287

Details

The YIQ color **64.3350, 98.3400, 34.9800** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **130.6650, -98.3400, -34.9800**, and the grayscale version is **65.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **129.2180, 102.7430, 26.7670**, and **34.9830, 69.7320, 24.8040** is the 20% darker color. If you saturate the color by 10%, you get **53.8200, 107.2800, 38.1600**, and if you desaturate by 10%, it is **76.9530, 87.6120, 31.1640**.

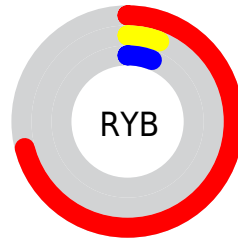
Distribution



Red (71%)

Green (6%)

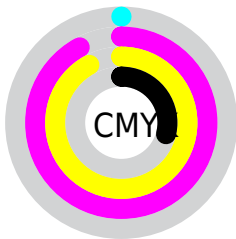
Blue (6%)



Red (71%)

Yellow (6%)

Blue (6%)

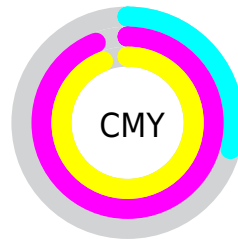


Cyan (0%)

Magenta (92%)

Yellow (92%)

Black (29%)



Cyan (29%)


Magenta (94%)


Yellow (94%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 64.3350, 98.3400, 34.9800 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 64.3350, 98.3400, 34.9800 by changing the saturation by 10% instead.


 64.3350, 98.3400,
34.9800


 64.3350, 98.3400,
34.9800


 254.0880, 2.5680,
-2.4880


 44.5510, 88.8040,
31.5880


 129.2180,
102.7430, 26.7670


 34.9830, 69.7320,
24.8040


 151.7930, 93.5740,
22.2300


 26.0130, 51.8520,
18.4440

 171.5520, 77.8950,
14.5270

 17.8690, 34.5220,
13.1300

 190.9520, 61.8490,
7.9690

 5.6810, 11.3240,
4.0280

 211.0530, 45.2070,
1.1990

 0.0000, 0.0000,
0.0000

 231.1540, 28.5650,

-5.5710

■ 250.7820, 11.8770,
-11.5070

■ 64.3350, 98.3400,
34.9800

■ 64.3350, 98.3400,
34.9800

■ 53.8200, 107.2800,
38.1600

■ 76.9530, 87.6120,
31.1640

■ 89.5710, 76.8840,
27.3480

■ 102.1890, 66.1560,
23.5320

■ 114.8070, 55.4280,
19.7160

■ 127.4250, 44.7000,
15.9000

■ 140.0430, 33.9720,
12.0840

■ 152.6610, 23.2440,
8.2680

■ 165.2790, 12.5160,
4.4520

■ 177.8970, 1.7880,
0.6360

Harmonies

Analogous

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



66.1860, 89.7150, 64.6510



64.3350, 98.3400, 34.9800



83.5700, 68.3160, -4.6120

Triad

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



64.3350, 98.3400, 34.9800



69.4890, -42.7230, -46.2350



79.5740, -94.5440, 17.3920

Complementary

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



64.3350, 98.3400, 34.9800



130.6650, -98.3400, -34.9800

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.



86.7660, -95.5050, 7.2710



64.3350, 98.3400, 34.9800



78.1870, -64.4590, -26.7550

Square

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



64.3350, 98.3400, 34.9800



64.3260, -23.5110, -53.0070



85.0270, -83.7190, -8.0950



89.3240, -16.6060, 47.6660

Rectangle

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



64.3350, 98.3400, 34.9800



84.5680, 44.2940, -20.8100



85.0270, -83.7190, -8.0950



83.2100, -96.5150, 14.5650

Sweetspot

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



64.3350, 98.3400, 34.9800



188.7340, 39.3360, 13.9920



82.2480, 43.5870, 85.6590



88.9600, 23.8400, 8.4800



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



64.3350, 98.3400, 34.9800



70.2650, 140.0600, 49.8200



111.2950, 76.3400, -6.8600



82.6910, 5.3640, 1.9080



45.7470, 91.1880, 32.4360



7.7740, 15.4960, 5.5120

Inverse Universe

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



64.3350, 98.3400, 34.9800



70.2650, 140.0600, 49.8200



83.7050, -76.3400, 6.8600



82.6910, 5.3640, 1.9080



45.7470, 91.1880, 32.4360



7.7740, 15.4960, 5.5120

Previews

White Background



This preview shows how the YIQ color 64.3350, 98.3400, 34.9800 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 64.3350, 98.3400, 34.9800

Background



This preview shows how black text looks on a background with the YIQ color 64.3350, 98.3400, 34.9800.



This preview shows how white text looks on a background with the YIQ color 64.3350, 98.3400,

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

64.3350, 98.3400, 34.9800

Protanopia

88.0360, 25.5410, -16.8510

Deuteranopia

85.4540, 44.6150, -21.1210



Tritanopia

63.5540, 101.9170, 30.7250

Trichromacy



Original Color

64.3350, 98.3400, 34.9800

Protanomaly

79.2880, 51.8550, 1.8630

Deuteranomaly

77.9380, 64.4640, -0.8800

Tritanomaly

64.0100, 100.6330, 31.9690

Monochromacy



Original Color

64.3350, 98.3400, 34.9800

Achromatopsia

64.0000, -0.0000, -0.0000

Achromatomaly

63.9400, 35.7600, 12.7200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 64.3350, 98.3400, 34.9800 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(180, 15, 15)` looks like.

```
.text, #text, p{  
    color:rgb(180, 15, 15)  
}
```

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(180, 15, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 15, 15) }
```

Border

The CSS property to change the border of an element to YIQ 64.3350, 98.3400, 34.9800 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(180, 15, 15) }
```


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

```
.border{ border-color:rgb(180, 15, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 15, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 15, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 15, 15);  
box-shadow:4px 4px 4px 4px rgb(180, 15,  
15) }
```

Background

The CSS property to change the background color of an element to YIQ 64.3350, 98.3400, 34.9800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 15, 15) }
```

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

```
.background{ background-color: rgb(180, 15,  
15) }
```

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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