

Converting Colors

YIQ(71.3600, 114.3870, 36.0110)

Have a look what the booklet for
YIQ(71.3600, 114.3870, 36.0110)
contains.

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Color

**YIQ(71.3600, 114.3870,
36.0110)**

Conversions

Conversions Part 1

Format	Color
Hex	CB1106
RGB	203, 17, 6
RGB Percent	80%, 7%, 2%
CMY	0.2035, 0.9335, 0.9760
CMYK	0.00, 0.92, 0.97, 0.20
HSL	3°, 94%, 41%
HSV	3°, 97%, 80%
XYZ	24.8916, 13.1240, 1.3969
YIQ	71.3600, 114.3870, 36.0110

Conversions

Conversions Part 2

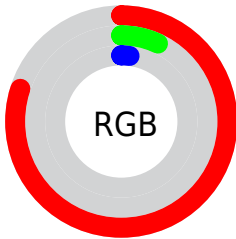
Format	Color
RYB	203, 18, 6
Decimal	13308166
CIELab	42.95, 65.80, 54.82
CIELCh	43, 85.644, 39.796
Yxy	13.1240, 0.6316, 0.3330
Android (android.graphics.Color)	4291498246 (0xFFCB1106)
YUV	71.3600, -32.2225, 115.4483
Hunter-Lab	36.2271, 59.2501, 23.0727

Details

The YIQ color **71.3600, 114.3870, 36.0110** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **137.6400, -114.3870, -36.0110**, and the grayscale version is **72.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **134.9860, 109.2080, 25.2400**, and **41.2620, 82.2480, 29.2560** is the 20% darker color. If you saturate the color by 10%, you get **67.1540, 117.9630, 37.2830**, and if you desaturate by 10%, it is **84.7930, 102.7420, 32.2940**.

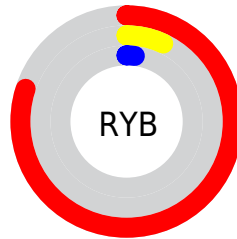
Distribution



Red (80%)

Green (7%)

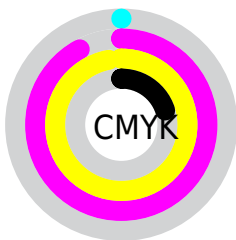
Blue (2%)



Red (80%)

Yellow (7%)

Blue (2%)

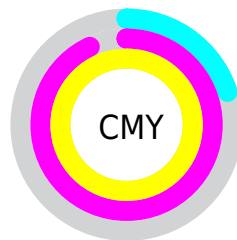


Cyan (0%)

Magenta (92%)

Yellow (97%)

Black (20%)



Cyan (20%)


Magenta (93%)


Yellow (98%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 71.3600, 114.3870, 36.0110 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 71.3600, 114.3870, 36.0110 by changing the saturation by 10% instead.


 71.3600, 114.3870,
36.0110


 71.3600, 114.3870,
36.0110


 253.7460, 3.5310,
-3.4210


 51.1290, 101.9160,
36.2520


 134.9860,
109.2080, 25.2400


 41.5610, 82.8440,
29.4680


 155.4460, 92.9330,
17.3250


 31.9930, 63.7720,
22.6840

 175.3190, 76.9330,
9.9330

 23.2510, 45.2500,
16.9460

 194.7190, 60.8870,
3.3750

 14.2810, 27.3700,
10.5860

 215.4070, 43.9700,
-3.9180

 0.0000, 0.0000,
0.0000

 235.5080, 27.3280,

-10.6880

■ 250.4400, 12.8400,
-12.4400

■ 71.3600, 114.3870,
36.0110

■ 71.3600, 114.3870,
36.0110

■ 67.1540, 117.9630,
37.2830

■ 84.7930, 102.7420,
32.2940

■ 98.3400, 90.7760,
28.8880

■ 112.3600, 78.8560,
24.6480

■ 125.7930, 67.2110,
20.9310

■ 139.3400, 55.2450,
17.5250

■ 152.7730, 43.6000,
13.8080

■ 166.2060, 31.9550,
10.0910

■ 180.3400, 19.7140,
6.1620

■ 193.7730, 8.0690,
2.4450

Harmonies

Analogous

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



74.8290, 104.2020, 71.9300



71.3600, 114.3870, 36.0110



94.8110, 74.8270, -6.9730

Triad

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



71.3600, 114.3870, 36.0110



79.4340, -50.0580, -50.9700



88.8640, -106.9240, 21.4920

Complementary

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



71.3600, 114.3870, 36.0110



137.6400, -114.3870, -36.0110

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.



99.2190, -109.9020, 9.3780



71.3600, 114.3870, 36.0110



89.8590, -75.2790, -28.9030

Square

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



71.3600, 114.3870, 36.0110



70.4400, -33.0000, -62.7600



97.6110, -97.1070, -7.7550



100.8720, -11.9770, 57.3910

Rectangle

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



71.3600, 114.3870, 36.0110



95.4880, 47.2750, -25.2770



97.6110, -97.1070, -7.7550



93.7880, -109.7660, 17.9300

Sweetspot

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



71.3600, 114.3870, 36.0110



205.4740, 43.0040, 13.5960



86.2210, 57.3850, 99.9210



97.6290, 26.2700, 8.4940



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.



71.3600, 114.3870, 36.0110



84.4630, 148.1300, 46.7380



128.2990, 87.7120, -14.7200



94.9900, 5.9600, 2.1200



54.9170, 96.4610, 30.4850



12.5360, 22.0980, 7.0100

Inverse Universe

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



137.6400, -114.3870, -36.0110



170.5370, -148.1300, -46.7380



80.7010, -87.7120, 14.7200



98.4230, -5.6850, -1.5970



111.0830, -96.4610, -30.4850



25.4640, -22.0980, -7.0100

Previews

White Background



This preview shows how the YIQ color 71.3600, 114.3870, 36.0110 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 71.3600, 114.3870, 36.0110

Background



This preview shows how black text looks on a background with the YIQ color 71.3600, 114.3870, 36.0110.



This preview shows how white text looks on a background with the YIQ color 71.3600, 114.3870,

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

71.3600, 114.3870, 36.0110

Protanopia

98.2230, 32.1440, -20.8800

Deuteranopia

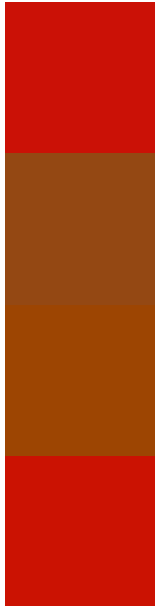
96.3960, 50.5300, -23.6940



Tritanopia

71.2630, 116.0380, 33.6220

Trichromacy



Original Color

71.3600, 114.3870, 36.0110

Protanomaly

88.6820, 62.3090, -0.3710

Deuteranomaly

87.6740, 73.9550, -2.1810

Tritanomaly

71.4910, 115.3960, 34.2440

Monochromacy



Original Color

71.3600, 114.3870, 36.0110

Achromatopsia

71.0000, -0.0000, -0.0000

Achromatomaly

70.8760, 41.8120, 13.1720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 71.3600, 114.3870, 36.0110 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(203, 17, 6)` looks like.

```
.text, #text, p{  
    color:rgb(203, 17, 6)  
}
```

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(203, 17, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 17, 6) }
```

Border

The CSS property to change the border of an element to YIQ 71.3600, 114.3870, 36.0110 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(203, 17, 6) }
```


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

```
.border{ border-color:rgb(203, 17, 6) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 17, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 17, 6); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 17, 6);  
box-shadow:4px 4px 4px 4px rgb(203, 17, 6)  
}
```

Background

The CSS property to change the background color of an element to YIQ 71.3600, 114.3870, 36.0110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 17, 6) }
```

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

```
.background{ background-color: rgb(203, 17,  
6) }
```

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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