

Converting Colors

YIQ(101.3120, 114.3420,
31.3180)

Have a look what the booklet for
YIQ(101.3120, 114.3420, 31.3180)
contains.

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Color

**YIQ(101.3120, 114.3420,
31.3180)**

Conversions

Conversions Part 1

Format	Color
Hex	E6321C
RGB	230, 50, 28
RGB Percent	90%, 20%, 11%
CMY	0.0976, 0.8042, 0.8897
CMYK	0.00, 0.78, 0.88, 0.10
HSL	6°, 80%, 51%
HSV	6°, 88%, 90%
XYZ	34.0155, 19.1996, 3.0192
YIQ	101.3120, 114.3420, 31.3180

Conversions

Conversions Part 2

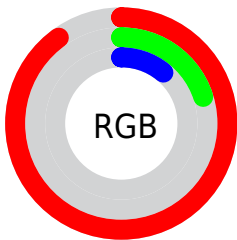
Format	Color
R_{YB}	230, 53, 28
Decimal	15086108
CIE _{Lab}	50.92, 66.54, 54.84
CIE _{LCh}	51, 86.230, 39.495
Yxy	19.1996, 0.6049, 0.3414
Android (android.graphics.Color)	4293276188 (0xFFE6321C)
YUV	101.3120, -36.1428, 112.8594
Hunter-Lab	43.8174, 61.8892, 26.5868

Details

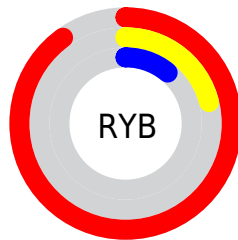
The YIQ color **101.3120, 114.3420, 31.3180** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **156.6880, -114.3420, -31.3180**, and the grayscale version is **102.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **150.7670, 96.4630, 19.4310**, and **49.3350, 98.3400, 34.9800** is the 20% darker color. If you saturate the color by 10%, you get **86.3630, 127.5000, 35.1480**, and if you desaturate by 10%, it is **115.6740, 101.4590, 28.0110**.

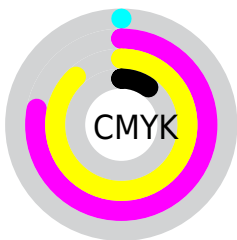
Distribution



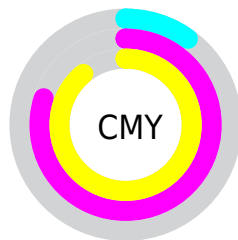
- Red (90%)
- Green (20%)
- Blue (11%)



- Red (90%)
- Yellow (21%)
- Blue (11%)



- Cyan (0%)
- Magenta (78%)
- Yellow (88%)
- Black (10%)





- Cyan (10%)
- Magenta (80%)
- Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 101.3120, 114.3420, 31.3180 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 101.3120, 114.3420, 31.3180 by changing the saturation by 10% instead.


 101.3120,
114.3420, 31.3180


 101.3120,
114.3420, 31.3180


255.0000, -0.0000,
-0.0000


 59.0170, 117.0910,
42.0750


 150.7670, 96.4630,
19.4310


 49.3350, 98.3400,
34.9800


 170.6400, 80.4630,
12.0390


 39.7670, 79.2680,
28.1960


 190.6270, 64.1420,
4.9580

 30.1990, 60.1960,
21.4120

 210.6140, 47.8210,
-2.1230

 21.8700, 41.9490,
16.1970

 231.4160, 30.5830,
-9.1050

 12.0740, 23.5190,
8.7910

 249.7560, 14.7660,

 0.0000, 0.0000,

-14.3060

0.0000

■ 253.0620, 5.4570,
-5.2870

■ 101.3120,
114.3420, 31.3180

■ 101.3120,
114.3420, 31.3180

■ 86.3630, 127.5000,
35.1480

■ 115.6740,
101.4590, 28.0110

■ 83.4450, 130.2050,
35.6850

■ 130.6230, 88.3010,
24.1810

■ 145.5720, 75.1430,
20.3510

■ 159.9340, 62.2600,
17.0440

■ 174.8830, 49.1020,
13.2140

■ 189.2450, 36.2190,
9.9070

■ 204.1940, 23.0610,
6.0770

■ 218.5560, 10.1780,
2.7700

■ 233.5050, -2.9800,
-1.0600

Harmonies

Analogous

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



85.1820, 113.8740, 83.8740



101.3120, 114.3420, 31.3180



113.4390, 84.5020, -11.6100

Triad

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



101.3120, 114.3420, 31.3180



94.2860, -61.5650, -57.1890



101.8580, -115.9550, 14.4530

Complementary

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



101.3120, 114.3420, 31.3180



156.6880, -114.3420, -31.3180

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.



113.0110, -121.1800, 4.5160



101.3120, 114.3420, 31.3180



105.0530, -87.7490, -34.1890

Square

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



101.3120, 114.3420, 31.3180



90.8400, -22.6830, -68.0190



113.0330, -110.2190, -12.4190



122.0400, -12.3900, 59.3700

Rectangle

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



101.3120, 114.3420, 31.3180



113.8170, 56.3540, -30.1260



113.0330, -110.2190, -12.4190



106.5540, -118.1550, 10.2690

Sweetspot

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



101.3120, 114.3420, 31.3180



212.8430, 37.4110, 10.3310



109.1460, 61.9700, 99.4260



102.3080, 22.7400, 6.3880



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.



101.3120, 114.3420, 31.3180



92.6810, 144.2800, 39.4160



159.4250, 87.1170, -20.4590



107.7620, 6.6020, 1.4980



64.6740, 101.4590, 28.0110



18.7710, 28.7460, 7.6740

Inverse Universe

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



156.6880, -114.3420, -31.3180



162.3190, -144.2800, -39.4160



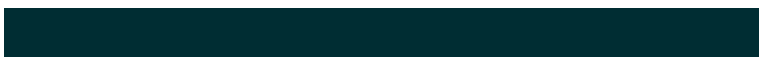
98.5750, -87.1170, 20.4590



110.8250, -6.8770, -2.0210



113.7390, -101.1840, -27.4880



32.2290, -28.7460, -7.6740

Previews

White Background



This preview shows how the YIQ color 101.3120, 114.3420, 31.3180 looks on a white 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

Black Background



This preview shows how the YIQ color 101.3120, 114.3420, 31.3180 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 101.3120, 114.3420, 31.3180

Background



This preview shows how black text looks on a background with the YIQ color 101.3120, 114.3420, 31.3180.



This preview shows how white text looks on a background with the YIQ color 101.3120, 114.3420,

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

101.3120, 114.3420, 31.3180

Protanopia

117.4080, 33.0610, -20.9790

Deuteranopia

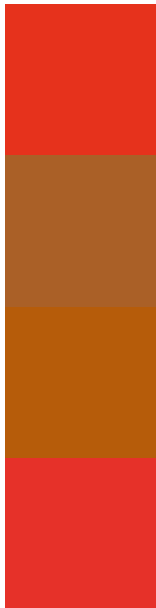
114.1380, 59.8840, -28.0200



Tritanopia

102.4180, 108.4720, 38.5840

Trichromacy



Original Color

101.3120, 114.3420, 31.3180

Protanomaly

111.6280, 62.4010, -2.0390

Deuteranomaly

109.5620, 79.9620, -6.4220

Tritanomaly

102.2070, 110.4440, 35.8840

Monochromacy



Original Color

101.3120, 114.3420, 31.3180

Achromatopsia

101.0000, -0.0000, 0.0000

Achromatomaly

100.8220, 41.9040, 11.5040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 101.3120, 114.3420, 31.3180 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(230, 50, 28)` looks like.

```
.text, #text, p{  
    color:rgb(230, 50, 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(230, 50, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 50, 28) }
```

Border

The CSS property to change the border of an element to YIQ 101.3120, 114.3420, 31.3180 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(230, 50, 28) }
```


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

```
.border{ border-color:rgb(230, 50, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 50, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 50, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 50, 28);  
box-shadow:4px 4px 4px 4px rgb(230, 50,  
28) }
```

Background

The CSS property to change the background color of an element to YIQ 101.3120, 114.3420, 31.3180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 50, 28) }
```

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

```
.background{ background-color: rgb(230, 50,  
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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