

Converting Colors

YIQ(74.3050, 116.2200, 41.3400)

Have a look what the booklet for
YIQ(74.3050, 116.2200, 41.3400)
contains.

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Color

**YIQ(74.3050, 116.2200,
41.3400)**

Conversions

Conversions Part 1

Format	Color
Hex	D31010
RGB	211, 16, 16
RGB Percent	83%, 6%, 6%
CMY	0.1721, 0.9374, 0.9368
CMYK	0.00, 0.92, 0.92, 0.17
HSL	360°, 86%, 45%
HSV	360°, 92%, 83%
XYZ	27.1764, 14.2723, 1.8173
YIQ	74.3050, 116.2200, 41.3400

Conversions

Conversions Part 2

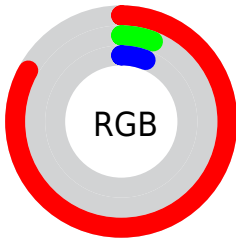
Format	Color
RYB	211, 16, 16
Decimal	13832208
CIELab	44.62, 68.10, 53.41
CIElCh	45, 86.545, 38.105
Yxy	14.2723, 0.6281, 0.3299
Android (android.graphics.Color)	4292022288 (0xFFD31010)
YUV	74.3050, -28.7444, 119.8815
Hunter-Lab	37.7787, 62.2926, 23.5930

Details

The YIQ color **74.3050, 116.2200, 41.3400** 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 **152.6950, -116.2200, -41.3400**, and the grayscale version is **75.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **136.9580, 106.4110, 26.3710**, and **43.6540, 87.0160, 30.9520** is the 20% darker color. If you saturate the color by 10%, you get **63.0890, 125.7560, 44.7320**, and if you desaturate by 10%, it is **89.0260, 103.7040, 36.8880**.

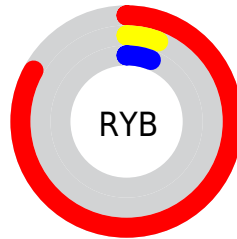
Distribution



Red (83%)

Green (6%)

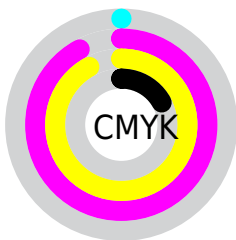
Blue (6%)



Red (83%)

Yellow (6%)

Blue (6%)

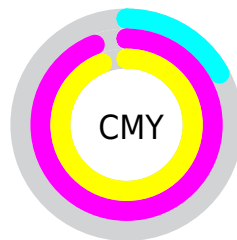


Cyan (0%)

Magenta (92%)

Yellow (92%)

Black (17%)



Cyan (17%)


Magenta (94%)


Yellow (94%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 74.3050, 116.2200, 41.3400 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 74.3050, 116.2200, 41.3400 by changing the saturation by 10% instead.


 74.3050, 116.2200,
41.3400


 74.3050, 116.2200,
41.3400


254.6580, 0.9630,
-0.9330


 53.5210, 106.6840,
37.9480


 137.0720,
106.0900, 26.6820


 43.6540, 87.0160,
30.9520


 156.8310, 90.4110,
18.9790

 34.0860, 67.9440,
24.1680


 177.2910, 74.1360,
11.0640

 25.0450, 48.8260,
18.2180

 197.2780, 57.8150,
3.9830

 16.3740, 31.5420,
12.0700

 217.3790, 41.1730,
-2.7870


 1.4950, 2.9800,
1.0600


 238.1810, 23.9350,


 0.0000, 0.0000,


-9.7690


0.0000

 251.3520, 10.2720,
-9.9520


 74.3050, 116.2200,
41.3400


 74.3050, 116.2200,
41.3400


 63.0890, 125.7560,
44.7320

 89.0260, 103.7040,
36.8880

 103.7470, 91.1880,
32.4360

 118.4680, 78.6720,
27.9840

 133.1890, 66.1560,
23.5320

 148.6110, 53.0440,
18.8680

■ 163.3320, 40.5280,
14.4160

■ 178.0530, 28.0120,
9.9640

■ 192.7740, 15.4960,
5.5120

■ 207.4950, 2.9800,
1.0600

Harmonies

Analogous

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



77.5350, 105.2100, 75.6900



74.3050, 116.2200, 41.3400



98.3770, 79.0450, -6.3230

Triad

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



74.3050, 116.2200, 41.3400



82.1410, -50.7910, -54.2070



93.2980, -111.1420, 20.8420

Complementary

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



74.3050, 116.2200, 41.3400



152.6950, -116.2200, -41.3400

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.



102.7240, -112.8820, 8.3180



74.3050, 116.2200, 41.3400



92.7940, -76.6540, -31.5180

Square

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



74.3050, 116.2200, 41.3400



72.7880, -34.1000, -64.8520



100.7740, -99.1240, -9.7480



104.8220, -17.7080, 56.6280

Rectangle

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



74.3050, 116.2200, 41.3400



99.6410, 51.2180, -25.1500



100.7740, -99.1240, -9.7480



98.1080, -113.6630, 16.9690

Sweetspot

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



74.3050, 116.2200, 41.3400



205.2290, 42.3160, 15.0520



95.6380, 51.8370, 101.3490



97.1560, 26.2240, 9.3280



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.



74.3050, 116.2200, 41.3400



76.2450, 151.9800, 54.0600



129.4830, 90.3700, -7.8220



97.2890, 6.5560, 2.3320



50.2320, 100.1280, 35.6160



12.2590, 24.4360, 8.6920

Inverse Universe

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



74.3050, 116.2200, 41.3400



76.2450, 151.9800, 54.0600



97.5170, -90.3700, 7.8220



97.2890, 6.5560, 2.3320



50.2320, 100.1280, 35.6160



12.2590, 24.4360, 8.6920

Previews

White Background



This preview shows how the YIQ color 74.3050, 116.2200, 41.3400 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 74.3050, 116.2200, 41.3400

Background



This preview shows how black text looks on a background with the YIQ color 74.3050, 116.2200, 41.3400.



This preview shows how white text looks on a background with the YIQ color 74.3050, 116.2200,

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

74.3050, 116.2200, 41.3400

Protanopia

102.5650, 31.1810, -19.9470

Deuteranopia

100.2390, 52.4100, -24.7260



Tritanopia

74.2420, 120.5310, 34.7950

Trichromacy



Original Color

74.3050, 116.2200, 41.3400

Protanomaly

92.2630, 62.1710, 2.1310

Deuteranomaly

91.0980, 75.6970, -0.7110

Tritanomaly

74.3390, 118.8800, 37.1840

Monochromacy



Original Color

74.3050, 116.2200, 41.3400

Achromatopsia

74.0000, -0.0000, 0.0000

Achromatomaly

74.2290, 42.3160, 15.0520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 74.3050, 116.2200, 41.3400 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(211, 16, 16)` looks like.

```
.text, #text, p{  
    color:rgb(211, 16, 16)  
}
```

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(211, 16, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 16, 16) }
```

Border

The CSS property to change the border of an element to YIQ 74.3050, 116.2200, 41.3400 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(211, 16, 16) }
```


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

```
.border{ border-color:rgb(211, 16, 16) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 16, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 16, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 16, 16);  
box-shadow:4px 4px 4px 4px rgb(211, 16,  
16) }
```

Background

The CSS property to change the background color of an element to YIQ 74.3050, 116.2200, 41.3400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 16, 16) }
```

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

```
.background{ background-color: rgb(211, 16,  
16) }
```

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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