

Converting Colors

YIQ(74.3830, 89.2170, 29.6090)

Have a look what the booklet for
YIQ(74.3830, 89.2170, 29.6090)
contains.

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Color

**YIQ(74.3830, 89.2170,
29.6090)**

Conversions

Conversions Part 1

Format	Color
Hex	B21F1A
RGB	178, 31, 26
RGB Percent	70%, 12%, 10%
CMY	0.3016, 0.8786, 0.8977
CMYK	0.00, 0.83, 0.85, 0.30
HSL	2°, 74%, 40%
HSV	2°, 85%, 70%
XYZ	19.0562, 10.5272, 2.0102
YIQ	74.3830, 89.2170, 29.6090

Conversions

Conversions Part 2

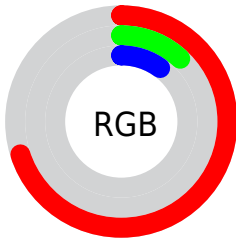
Format	Color
R_{YB}	178, 31, 26
Decimal	11673370
CIE _{Lab}	38.77, 56.55, 41.58
CIE _{LCh}	39, 70.192, 36.322
Yxy	10.5272, 0.6032, 0.3332
Android (android.graphics.Color)	4289863450 (0xFFB21F1A)
YUV	74.3830, -23.8528, 90.8721
Hunter-Lab	32.4456, 48.0584, 19.0385

Details

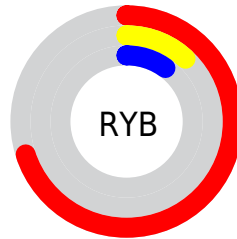
The YIQ color **74.3830, 89.2170, 29.6090** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **129.6170, -89.2170, -29.6090**, and the grayscale version is **75.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **133.6840, 95.4990, 25.8910**, and **34.6840, 69.1360, 24.5920** is the 20% darker color. If you saturate the color by 10%, you get **62.3520, 99.6700, 32.9020**, and if you desaturate by 10%, it is **86.4140, 78.7640, 26.3160**.

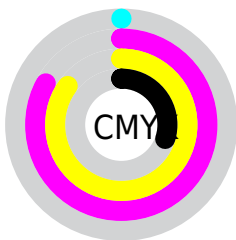
Distribution



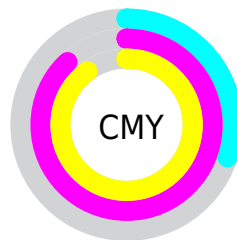
- Red (70%)
- Green (12%)
- Blue (10%)



- Red (70%)
- Yellow (12%)
- Blue (10%)



- Cyan (0%)
- Magenta (83%)
- Yellow (85%)
- Black (30%)





- Cyan (30%)
- Magenta (88%)
- Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 74.3830, 89.2170, 29.6090 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 74.3830, 89.2170, 29.6090 by changing the saturation by 10% instead.


 74.3830, 89.2170,
29.6090


 74.3830, 89.2170,
29.6090


255.0000, -0.0000,
-0.0000


 44.2950, 86.6490,
32.0970


 133.6840, 95.4990,
25.8910


 34.6840, 69.1360,
24.5920


 157.0420, 88.4390,
21.6790


 25.7140, 51.2560,
18.2320

 176.3280, 72.7140,
14.8100

 17.5700, 33.9260,
12.9180

 195.7280, 56.6680,
8.2520

 5.6810, 11.3240,
4.0280

 215.8290, 40.0260,
1.4820

 0.0000, 0.0000,
0.0000

 235.9300, 23.3840,

-5.2880

■ 252.1500, 8.0250,
-7.7750

■ 74.3830, 89.2170,
29.6090

■ 74.3830, 89.2170,
29.6090

■ 62.3520, 99.6700,
32.9020

■ 86.4140, 78.7640,
26.3160

■ 56.7440, 104.4380,
34.5980

■ 98.4450, 68.3110,
23.0230

■ 111.0630, 57.5830,
19.2070

■ 122.9800, 47.4510,
15.6030

■ 135.0110, 36.9980,
12.3100

■ 147.0420, 26.5450,
9.0170

■ 159.6600, 15.8170,
5.2010

■ 171.6910, 5.3640,
1.9080

■ 183.6080, -4.7680,
-1.6960

Harmonies

Analogous

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



65.2610, 85.1300, 65.1460



74.3830, 89.2170, 29.6090



85.0430, 68.3620, -5.4460

Triad

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



74.3830, 89.2170, 29.6090



70.4180, -43.9610, -45.8250



79.3630, -92.5720, 14.6920

Complementary

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



74.3830, 89.2170, 29.6090



129.6170, -89.2170, -29.6090

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.



86.4410, -93.2120, 4.2600



74.3830, 89.2170, 29.6090



78.5460, -64.0920, -27.9000

Square

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



74.3830, 89.2170, 29.6090



72.3880, -8.8860, -48.2300



84.9300, -82.0680, -10.4840



92.0910, -17.5680, 43.0720

Rectangle

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



74.3830, 89.2170, 29.6090



86.3510, 46.4030, -20.4850



84.9300, -82.0680, -10.4840



82.8850, -94.2220, 11.5540

Sweetspot

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



74.3830, 89.2170, 29.6090



191.1140, 35.2100, 11.6740



88.5480, 42.4420, 78.8740



92.3510, 21.1810, 7.1090



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.



74.3830, 89.2170, 29.6090



73.4770, 136.3470, 45.5230



117.8210, 68.8670, -9.0930



83.2780, 5.0890, 1.3850



48.6820, 89.8130, 29.8210



8.3610, 15.2210, 4.9890

Inverse Universe

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



129.6170, -89.2170, -29.6090



158.5230, -136.3470, -45.5230



86.7660, -69.1420, 8.5700



86.3090, -5.3640, -1.9080



104.3180, -89.8130, -29.8210



17.6390, -15.2210, -4.9890

Previews

White Background



This preview shows how the YIQ color 74.3830, 89.2170, 29.6090 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

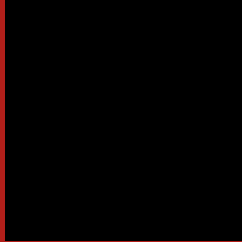
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 74.3830, 89.2170, 29.6090

Background



This preview shows how black text looks on a background with the YIQ color 74.3830, 89.2170, 29.6090.



This preview shows how white text looks on a background with the YIQ color 74.3830, 89.2170,

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

74.3830, 89.2170, 29.6090

Protanopia

90.0620, 22.6520, -14.0520

Deuteranopia

86.6390, 45.5320, -21.2200



Tritanopia

74.7250, 88.2540, 30.5420

Trichromacy



Original Color

74.3830, 89.2170, 29.6090

Protanomaly

84.0640, 46.6740, 2.1460

Deuteranomaly

81.9160, 61.5300, -2.7740

Tritanomaly

74.6110, 88.5750, 30.2310

Monochromacy



Original Color

74.3830, 89.2170, 29.6090

Achromatopsia

74.0000, -0.0000, 0.0000

Achromatomaly

74.0320, 32.5050, 11.1370

CSS Examples

Text

The CSS property to change the color of the text to YIQ 74.3830, 89.2170, 29.6090 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(178, 31, 26)` looks like.

```
.text, #text, p{  
    color:rgb(178, 31, 26)  
}
```

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(178, 31, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 31, 26) }
```

Border

The CSS property to change the border of an element to YIQ 74.3830, 89.2170, 29.6090 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(178, 31, 26) }
```


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

```
.border{ border-color:rgb(178, 31, 26) }
```

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

Here you see how a box with a 4 pixel rgb(178, 31, 26) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 31, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 31, 26);  
box-shadow:4px 4px 4px 4px rgb(178, 31,  
26) }
```

Background

The CSS property to change the background color of an element to YIQ 74.3830, 89.2170, 29.6090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 31, 26) }
```

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

```
.background{ background-color: rgb(178, 31,  
26) }
```

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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