

Converting Colors

YIQ(71.2810, 89.2640, 23.2480)

Have a look what the booklet for
YIQ(71.2810, 89.2640, 23.2480)
contains.

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Color

**YIQ(71.2810, 89.2640,
23.2480)**

Conversions

Conversions Part 1

Format	Color
Hex	AB200C
RGB	171, 32, 12
RGB Percent	67%, 13%, 5%
CMY	0.3291, 0.8747, 0.9526
CMYK	0.00, 0.81, 0.93, 0.33
HSL	7°, 87%, 36%
HSV	7°, 93%, 67%
XYZ	17.3942, 9.7237, 1.3109
YIQ	71.2810, 89.2640, 23.2480

Conversions

Conversions Part 2

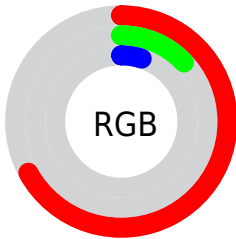
Format	Color
R _Y B	171, 35, 12
Decimal	11214860
CIE Lab	37.34, 53.95, 46.13
CIE LCh	37, 70.984, 40.531
Yxy	9.7237, 0.6118, 0.3420
Android (android.graphics.Color)	4289404940 (0xFFAB200C)
YUV	71.2810, -29.2255, 87.4536
Hunter-Lab	31.1828, 44.9994, 19.3354

Details

The YIQ color **71.2810, 89.2640, 23.2480** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **111.7190, -89.2640, -23.2480**, and the grayscale version is **72.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **130.1090, 95.5000, 20.3640**, and **32.5910, 64.9640, 23.1080** is the 20% darker color. If you saturate the color by 10%, you get **63.4560, 96.1410, 25.2690**, and if you desaturate by 10%, it is **82.0240, 79.6820, 20.6900**.

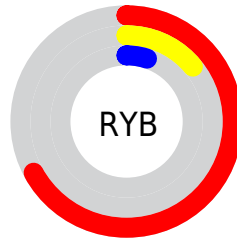
Distribution



Red (67%)

Green (13%)

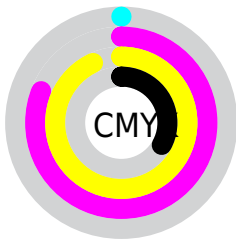
Blue (5%)



Red (67%)

Yellow (14%)

Blue (5%)

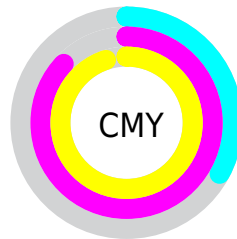


Cyan (0%)

Magenta (81%)

Yellow (93%)

Black (33%)



Cyan (33%)


Magenta (87%)


Yellow (95%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 71.2810, 89.2640, 23.2480 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 71.2810, 89.2640, 23.2480 by changing the saturation by 10% instead.


 71.2810, 89.2640,
23.2480


 71.2810, 89.2640,
23.2480


 253.8600, 3.2100,
-3.1100


 41.8600, 83.4400,
29.6800


 130.2230, 95.1790,
20.6750


 32.5910, 64.9640,
23.1080

 155.0870, 92.5660,
18.4700


 23.6210, 47.0840,
16.7480

 174.3730, 76.8410,
11.6010

 15.7760, 30.3500,
11.6460

 193.6590, 61.1160,
4.7320

 0.0000, 0.0000,
0.0000

 213.1730, 44.7490,
-1.5150

 233.2740, 28.1070,

-8.2850

■ 250.5540, 12.5190,
-12.1290

■ 71.2810, 89.2640,
23.2480

■ 71.2810, 89.2640,
23.2480

■ 63.4560, 96.1410,
25.2690

■ 82.0240, 79.6820,
20.6900

■ 92.7670, 70.1000,
18.1320

■ 103.5100, 60.5180,
15.5740

■ 114.3670, 50.6150,
13.3270

■ 125.1100, 41.0330,
10.7690

■ 135.8530, 31.4510,
8.2110

■ 146.5960, 21.8690,
5.6530

■ 157.3390, 12.2870,
3.0950

■ 168.0820, 2.7050,
0.5370

Harmonies

Analogous

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



63.1100, 86.8730, 61.0890



71.2810, 89.2640, 23.2480



82.9390, 62.7230, -7.8770

Triad

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



71.2810, 89.2640, 23.2480



69.2270, -44.7410, -42.7010



75.3850, -89.6380, 16.5860

Complementary

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



71.2810, 89.2640, 23.2480



111.7190, -89.2640, -23.2480

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.



84.0930, -92.1120, 6.3520



71.2810, 89.2640, 23.2480



77.3550, -64.8720, -24.7760

Square

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



71.2810, 89.2640, 23.2480



60.4610, -28.3250, -53.8690



83.0380, -82.2520, -7.1480



88.4730, -6.8400, 46.8880

Rectangle

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



71.2810, 89.2640, 23.2480



82.4750, 40.1220, -22.2940



83.0380, -82.2520, -7.1480



79.7220, -92.2050, 13.5470

Sweetspot

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



71.2810, 89.2640, 23.2480



182.6470, 35.0270, 9.4830



75.6150, 49.5030, 77.5590



88.2970, 21.2730, 5.4410



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



71.2810, 89.2640, 23.2480



82.8140, 124.6120, 32.4200



117.0670, 67.8140, -17.5460



81.2780, 5.0890, 1.3850



56.0030, 84.1750, 21.8630



8.6380, 12.8830, 3.3070

Inverse Universe

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



111.7190, -89.2640, -23.2480



139.1860, -124.6120, -32.4200



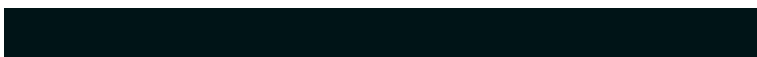
65.9330, -67.8140, 17.5460



83.7220, -5.0890, -1.3850



94.5840, -84.4500, -22.3860



14.3620, -12.8830, -3.3070

Previews

White Background



This preview shows how the YIQ color 71.2810, 89.2640, 23.2480 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 ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 71.2810, 89.2640, 23.2480

Background



This preview shows how black text looks on a background with the YIQ color 71.2810, 89.2640, 23.2480.



This preview shows how white text looks on a background with the YIQ color 71.2810, 89.2640,

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

71.2810, 89.2640, 23.2480

Protanopia

85.6940, 26.5040, -17.7840

Deuteranopia

83.6820, 43.9730, -20.4990



Tritanopia

72.0450, 84.3570, 29.5810

Trichromacy



Original Color

71.2810, 89.2640, 23.2480

Protanomaly

80.5710, 49.3800, -2.8440

Deuteranomaly

79.2640, 60.4300, -4.8660

Tritanomaly

71.9480, 86.0080, 27.1920

Monochromacy



Original Color

71.2810, 89.2640, 23.2480

Achromatopsia

71.0000, -0.0000, -0.0000

Achromatomaly

71.1520, 32.0470, 8.4230

CSS Examples

Text

The CSS property to change the color of the text to YIQ 71.2810, 89.2640, 23.2480 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(171, 32, 12)` looks like.

```
.text, #text, p{  
    color:rgb(171, 32, 12)  
}
```

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(171, 32, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 32, 12) }
```

Border

The CSS property to change the border of an element to YIQ 71.2810, 89.2640, 23.2480 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(171, 32, 12) }
```


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

```
.border{ border-color:rgb(171, 32, 12) }
```

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

Here you see how a box with a 4 pixel rgb(171, 32, 12) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 32, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 32, 12);  
box-shadow:4px 4px 4px 4px rgb(171, 32,  
12) }
```

Background

The CSS property to change the background color of an element to YIQ 71.2810, 89.2640, 23.2480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 32, 12) }
```

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

```
.background{ background-color: rgb(171, 32,  
12) }
```

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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