

Converting Colors

YIQ(151.0710, 2.3790, 28.4830)

Have a look what the booklet for
YIQ(151.0710, 2.3790, 28.4830)
contains.

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Color

**YIQ(151.0710, 2.3790,
28.4830)**

Conversions

Conversions Part 1

Format	Color
Hex	AB84C5
RGB	171, 132, 197
RGB Percent	67%, 52%, 77%
CMY	0.3293, 0.4824, 0.2275
CMYK	0.13, 0.33, 0.00, 0.23
HSL	276°, 36%, 65%
HSV	276°, 33%, 77%
XYZ	35.1279, 29.1906, 56.6000
YIQ	151.0710, 2.3790, 28.4830

Conversions

Conversions Part 2

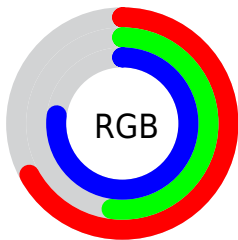
Format	Color
RYB	171, 132, 197
Decimal	11240645
CIELab	60.95, 27.14, -28.14
CIELCh	61, 39.094, 313.964
Yxy	29.1906, 0.2905, 0.2414
Android (android.graphics.Color)	4289430725 (0xFFAB84C5)
YUV	151.0710, 22.6430, 17.4777
Hunter-Lab	54.0283, 21.5067, -24.2922

Details

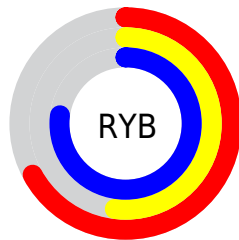
The YIQ color **151.0710, 2.3790, 28.4830** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **177.9290, -2.3790, -28.4830**, and the grayscale version is **151.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **205.4240, 2.8830, 30.3630**, and **99.7180, 1.8750, 26.6030** is the 20% darker color. If you saturate the color by 10%, you get **136.9390, 3.1110, 37.2470**, and if you desaturate by 10%, it is **165.2030, 1.6470, 19.7190**.

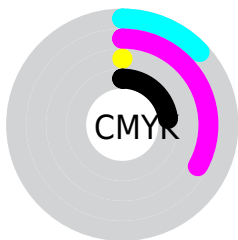
Distribution



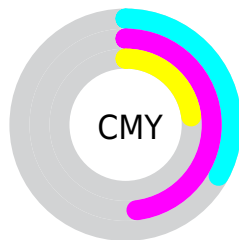
- Red (67%)
- Green (52%)
- Blue (77%)



- Red (67%)
- Yellow (52%)
- Blue (77%)



- Cyan (13%)
- Magenta (33%)
- Yellow (0%)
- Black (23%)



- Cyan (33%)
- Magenta (48%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 151.0710, 2.3790, 28.4830 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 151.0710, 2.3790, 28.4830 by changing the saturation by 10% instead.

■ 151.0710, 2.3790,
28.4830

■ 151.0710, 2.3790,
28.4830

255.0000, -0.0000,
-0.0000

■ 124.6580, 2.1040,
27.9600

■ 205.4240, 2.8830,
30.3630

■ 99.7180, 1.8750,
26.6030

■ 230.3460, 11.5500,
21.9660

■ 74.8920, 1.3250,
25.5570

■ 247.3690, 3.5750,
6.7990

■ 51.9520, 1.0960,
24.2000

■ 28.5390, 0.8210,
23.6770

■ 13.0180, 0.7300,
19.8180

■ 3.3230, -7.9790,

6.9410

■ 0.0000, 0.0000,
0.0000

■ 151.0710, 2.3790,
28.4830

■ 151.0710, 2.3790,
28.4830

■ 136.9390, 3.1110,
37.2470

■ 165.2030, 1.6470,
19.7190

■ 123.3940, 3.5680,
45.4880

■ 178.7480, 1.1900,
11.4780

■ 109.2620, 4.3000,
54.2520

■ 192.8800, 0.4580,
2.7140

■ 95.4290, 5.6280,
63.2280

■ 206.7130, -0.8700,
-6.2620

■ 81.2970, 6.3600,
71.9920

■ 220.2580, -1.3270,
-14.5030

■ 67.7520, 6.8170,
80.2330

■ 234.3900, -2.0590,
-23.2670

■ 57.7400, 7.0910,
86.2830

■ 239.7170, 1.3340,
-24.1860

■ 242.1090, 6.1020,
-22.4900

■ 244.5010, 10.8700,
-20.7940

Harmonies

Analogous

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



145.6900, -36.4530, 16.3710



151.0710, 2.3790, 28.4830



151.0500, 33.2350, 30.9550

Triad

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



151.0710, 2.3790, 28.4830



146.0280, 46.3550, -8.5970



115.4370, -97.6980, -35.6020

Complementary

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



151.0710, 2.3790, 28.4830



177.9290, -2.3790, -28.4830

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.



130.4800, -46.5310, -32.2830



151.0710, 2.3790, 28.4830



142.6890, 24.9000, -21.7560

Square

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



151.0710, 2.3790, 28.4830



147.6570, 55.4300, 8.6620



138.3630, -6.5970, -29.1330



117.7970, -107.0990, -24.9150

Rectangle

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



151.0710, 2.3790, 28.4830



149.6570, 47.4030, 27.4910



138.3630, -6.5970, -29.1330



114.6670, -92.6540, -38.9100

Sweetspot

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



151.0710, 2.3790, 28.4830



237.3350, 0.9150, 10.9550



154.6720, -28.0150, 6.6170



116.5150, 0.2280, 6.8840



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.



151.0710, 2.3790, 28.4830



182.8670, 3.6140, 44.6540



158.0470, 20.1220, 31.8180



92.5210, 0.0910, 3.8590



47.8840, 6.0850, 71.4690



10.3830, 0.9600, 15.6480

Inverse Universe

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



154.3990, 30.3940, 21.8660



188.1720, 47.6310, 34.3750



170.8390, -19.8010, -32.1290



93.0330, 4.4010, 2.8410



56.1470, 76.2830, 54.7710



12.3600, 16.9620, 11.9860

Previews

White Background



This preview shows how the YIQ color 151.0710, 2.3790, 28.4830 looks on a white background.

Color Contrast Check

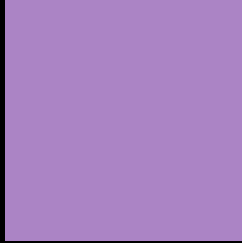
Large Text (above 18pt) WCAG AA ✓ Pass

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 151.0710, 2.3790, 28.4830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

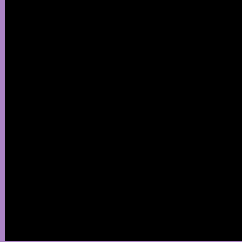
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 151.0710, 2.3790, 28.4830

Background



This preview shows how black text looks on a background with the YIQ color 151.0710, 2.3790, 28.4830.



This preview shows how white text looks on a background with the YIQ color 151.0710, 2.3790,

28.4830.

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

151.0710, 2.3790, 28.4830

Protanopia

146.9850, -30.0340, 15.6780

Deuteranopia

147.8950, -21.0930, 13.3310



Tritanopia

149.1310, 10.1770, 8.2970

Trichromacy



Original Color

151.0710, 2.3790, 28.4830

Protanomaly

148.3780, -17.8390, 20.4410

Deuteranomaly

148.9610, -12.2910, 19.0130

Tritanomaly

150.0910, 7.6540, 15.4780

Monochromacy



Original Color

151.0710, 2.3790, 28.4830

Achromatopsia

151.0000, -0.0000, 0.0000

Achromatomaly

150.9220, 0.6400, 10.4320

CSS Examples

Text

The CSS property to change the color of the text to YIQ 151.0710, 2.3790, 28.4830 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, 132, 197)` looks like.

```
.text, #text, p{  
    color:rgb(171, 132, 197)  
}
```

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, 132, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 132, 197) }
```

Border

The CSS property to change the border of an element to YIQ 151.0710, 2.3790, 28.4830 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, 132, 197) }
```


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

```
.border{ border-color:rgb(171, 132, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 132, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 132, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 132, 197);  
box-shadow:4px 4px 4px 4px rgb(171, 132,  
197) }
```

Background

The CSS property to change the background color of an element to YIQ 151.0710, 2.3790, 28.4830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 132, 197) }
```

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

```
.background{ background-color: rgb(171,  
132, 197) }
```

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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