

Converting Colors

YIQ(151.8010, 12.0070, 30.2070)

Have a look what the booklet for
YIQ(151.8010, 12.0070, 30.2070)
contains.

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Color

**YIQ(151.8010, 12.0070,
30.2070)**

Conversions

Conversions Part 1

Format	Color
Hex	B681BE
RGB	182, 129, 190
RGB Percent	71%, 51%, 75%
CMY	0.2861, 0.4942, 0.2549
CMYK	0.04, 0.32, 0.00, 0.25
HSL	292°, 32%, 63%
HSV	292°, 32%, 75%
XYZ	36.4429, 29.3626, 52.4621
YIQ	151.8010, 12.0070, 30.2070

Conversions

Conversions Part 2

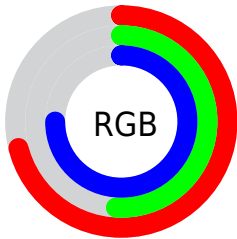
Format	Color
R_{YB}	182, 129, 190
Decimal	11960766
CIE _{Lab}	61.10, 30.91, -23.86
CIE _{LCh}	61, 39.050, 322.336
Yxy	29.3626, 0.3081, 0.2483
Android (android.graphics.Color)	4290150846 (0xFFB681BE)
YUV	151.8010, 18.8321, 26.4845
Hunter-Lab	54.1872, 25.2201, -19.4713

Details

The YIQ color **151.8010, 12.0070, 30.2070** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **167.1990, -12.0070, -30.2070**, and the grayscale version is **152.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **206.9260, 13.1530, 31.4650**, and **100.1490, 10.9070, 28.1150** is the 20% darker color. If you saturate the color by 10%, you get **140.0500, 16.0400, 39.7200**, and if you desaturate by 10%, it is **163.8510, 8.5700, 20.9060**.

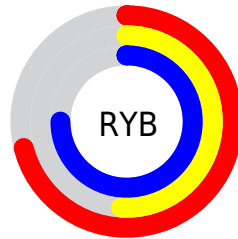
Distribution



Red (71%)

Green (51%)

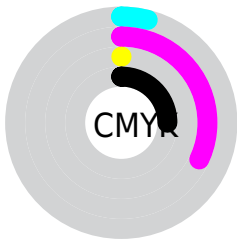
Blue (75%)



Red (71%)

Yellow (51%)

Blue (75%)

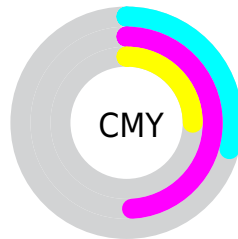


Cyan (4%)

Magenta (32%)

Yellow (0%)

Black (25%)



Cyan (29%)

Magenta (49%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 151.8010, 12.0070, 30.2070 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 151.8010, 12.0070, 30.2070 by changing the saturation by 10% instead.

151.8010, 12.0070,
30.2070

151.8010, 12.0070,
30.2070

255.0000, -0.0000,
-0.0000

125.3880, 11.7320,
29.6840

206.9260, 13.1530,
31.4650

100.1490, 10.9070,
28.1150

228.5850, 12.3750,
23.5350

75.4370, 10.0360,
27.3800

245.6080, 4.4000,
8.3680

51.0240, 9.7610,
26.8570

27.1380, 9.4400,
27.1680

14.8400, 7.1030,
19.9590

2.7530, -6.3740,

5.3860

■ 0.0000, 0.0000,
0.0000

■ 151.8010, 12.0070,
30.2070

■ 151.8010, 12.0070,
30.2070

■ 140.0500, 16.0400,
39.7200

■ 163.8510, 8.5700,
20.9060

■ 128.0000, 19.4770,
49.0210

■ 175.6020, 4.5370,
11.3930

■ 116.2490, 23.5100,
58.5340

■ 187.3530, 0.5040,
1.8800

■ 104.1990, 26.9470,
67.8350

■ 199.4030, -2.9330,
-7.4210

■ 92.4480, 30.9800,
77.3480

■ 211.1540, -6.9660,
-16.9340

■ 80.3980, 34.4170,
86.6490

■ 223.2040,
-10.4030, -26.2350

■ 70.9950, 37.3500,
94.0700

■ 230.8460,
-12.5110, -32.0870

■ 231.7430,
-10.7230, -31.4510

■ 232.3410, -9.5310,
-31.0270

Harmonies

Analogous

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



148.3710, -25.1290, 20.3990



151.8010, 12.0070, 30.2070



150.6440, 40.2500, 30.4740

Triad

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



151.8010, 12.0070, 30.2070



145.1690, 41.4040, -12.4840



116.5770, -100.9080, -32.4920

Complementary

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



151.8010, 12.0070, 30.2070



167.1990, -12.0070, -30.2070

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.



127.1240, -60.1480, -33.3000



151.8010, 12.0070, 30.2070



141.9160, 16.8310, -24.2010

Square

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



151.8010, 12.0070, 30.2070



147.4240, 54.4680, 4.0680



137.1600, -16.2710, -30.0230



118.0080, -109.0710, -22.2150

Rectangle

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



151.8010, 12.0070, 30.2070



149.7020, 51.5300, 24.2820



137.1600, -16.2710, -30.0230



115.7960, -97.3310, -36.7470

Sweetspot

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



151.8010, 12.0070, 30.2070



232.0150, 4.8120, 11.9160



140.6500, -21.7810, 14.7870



115.5970, 2.9330, 7.4210



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



151.8010, 12.0070, 30.2070



187.0600, 19.2480, 47.6640



151.6850, 23.8370, 25.0610



88.4180, 1.8790, 4.4950



58.9750, 30.9340, 78.1820



11.6070, 6.1410, 15.3650

Inverse Universe

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



148.1510, 33.7880, 15.4200



181.0720, 53.3640, 24.0840



167.3150, -23.8370, -25.0610



87.8050, 5.0430, 2.2190



49.6360, 87.4270, 40.0270



9.7250, 17.1920, 7.8160

Previews

White Background



This preview shows how the YIQ color 151.8010, 12.0070, 30.2070 looks on a white background.

Color Contrast Check

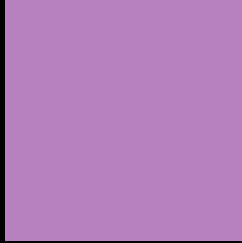
Large Text (above 18pt) WCAG AA ✓ Pass

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 151.8010, 12.0070, 30.2070 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 151.8010, 12.0070, 30.2070

Background



This preview shows how black text looks on a background with the YIQ color 151.8010, 12.0070, 30.2070.



This preview shows how white text looks on a background with the YIQ color 151.8010, 12.0070,

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

151.8010, 12.0070, 30.2070

Protanopia

148.0130, -27.2370, 14.5470

Deuteranopia

148.8910, -15.2700, 12.4260



Tritanopia

149.9150, 19.7130, 11.6890

Trichromacy



Original Color

151.8010, 12.0070, 30.2070

Protanomaly

149.6020, -12.6580, 20.1580

Deuteranomaly

149.9680, -5.0010, 19.0550

Tritanomaly

150.4620, 16.9150, 18.3470

Monochromacy



Original Color

151.8010, 12.0070, 30.2070

Achromatopsia

152.0000, -0.0000, -0.0000

Achromatomaly

152.1890, 4.2620, 10.8700

CSS Examples

Text

The CSS property to change the color of the text to YIQ 151.8010, 12.0070, 30.2070 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(182, 129, 190)` looks like.

```
.text, #text, p{  
    color:rgb(182, 129, 190)  
}
```

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(182, 129, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 129, 190) }
```

Border

The CSS property to change the border of an element to YIQ 151.8010, 12.0070, 30.2070 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(182, 129, 190) }
```


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

```
.border{ border-color:rgb(182, 129, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 129, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 129, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 129, 190);  
box-shadow:4px 4px 4px 4px rgb(182, 129,  
190) }
```

Background

The CSS property to change the background color of an element to YIQ 151.8010, 12.0070, 30.2070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 129, 190) }
```

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

```
.background{ background-color: rgb(182,  
129, 190) }
```

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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