

Converting Colors

YIQ(151.7040, 22.8260, 37.8820)

Have a look what the booklet for
YIQ(151.7040, 22.8260, 37.8820)
contains.

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Color

**YIQ(151.7040, 22.8260,
37.8820)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | C579BF |
| RGB | 197, 121, 191 |
| RGB Percent | 77%, 47%, 75% |
| CMY | 0.2272, 0.5256, 0.2509 |
| CMYK | 0.00, 0.39, 0.03, 0.23 |
| HSL | 305°, 40%, 62% |
| HSV | 305°, 39%, 77% |
| XYZ | 39.2795, 29.3071, 52.8821 |
| YIQ | 151.7040, 22.8260, 37.8820 |

Conversions

Conversions Part 2

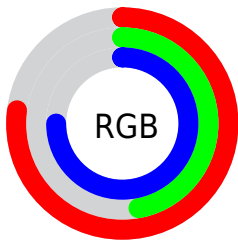
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 197, 121, 191 |
| Decimal | 12941759 |
| CIE _{Lab} | 61.05, 40.31, -24.36 |
| CIE _{LCh} | 61, 47.101, 328.854 |
| Yxy | 29.3071, 0.3234, 0.2413 |
| Android (android.graphics.Color) | 4291131839 (0xFFC579BF) |
| YUV | 151.7040, 19.3729, 39.7246 |
| Hunter-Lab | 54.1360, 34.7762, -20.0216 |

Details

The YIQ color **151.7040, 22.8260, 37.8820** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **166.2960, -22.8260, -37.8820**, and the grayscale version is **151.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **207.2420, 24.2470, 39.6630**, and **99.1660, 21.4050, 36.1010** is the 20% darker color. If you saturate the color by 10%, you get **139.7360, 28.9680, 47.7200**, and if you desaturate by 10%, it is **163.6720, 16.6840, 28.0440**.

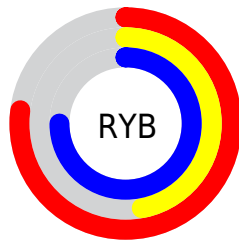
Distribution



Red (77%)

Green (47%)

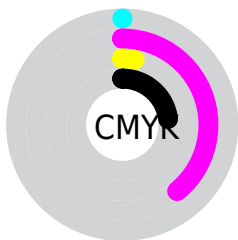
Blue (75%)



Red (77%)

Yellow (47%)

Blue (75%)

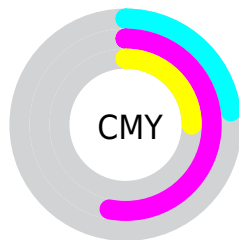


Cyan (0%)

Magenta (39%)

Yellow (3%)

Black (23%)



Cyan (23%)


Magenta (53%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 151.7040, 22.8260, 37.8820 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 151.7040, 22.8260, 37.8820 by changing the saturation by 10% instead.


 151.7040, 22.8260,
37.8820


 151.7040, 22.8260,
37.8820


255.0000, -0.0000,
-0.0000


 124.9920, 21.9550,
37.1470


 207.2420, 24.2470,
39.6630


 99.1660, 21.4050,
36.1010


 224.4760, 14.3000,
27.1960

 73.5680, 20.2130,
35.6770

 240.9120, 6.6000,
12.5520

 47.0950, 20.1670,
36.5110

 26.4320, 17.6000,
33.4720

 17.6450, 12.1460,
22.1780

 2.1660, -6.0990,

5.9090

■ 0.0000, 0.0000,
0.0000

■ 151.7040, 22.8260,
37.8820

■ 151.7040, 22.8260,
37.8820

■ 139.7360, 28.9680,
47.7200

■ 163.6720, 16.6840,
28.0440

■ 128.4690, 34.5140,
57.3460

■ 174.9390, 11.1380,
18.4180

■ 116.5010, 40.6560,
67.1840

■ 186.9070, 4.9960,
8.5800

■ 104.6470, 46.4770,
77.3330

■ 198.7610, -0.8250,
-1.5690

■ 92.6790, 52.6190,
87.1710

■ 210.7290, -6.9670,
-11.4070

81.4120, 58.1650,
96.7970

221.9960,
-12.5130, -21.0330

79.5370, 59.3110,
98.0550

231.6160,
-17.5550, -28.7790

231.8440,
-18.1970, -28.1570

231.9580,
-18.5180, -27.8460

Harmonies

Analogous

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



149.4520, -20.6830, 27.9330



151.7040, 22.8260, 37.8820



149.3360, 53.0410, 35.4490

Triad

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



151.7040, 22.8260, 37.8820



143.7960, 43.6520, -20.1880



119.8200, -105.9060, -30.0180

Complementary

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



151.7040, 22.8260, 37.8820



166.2960, -22.8260, -37.8820

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.



115.0320, -92.4240, -43.0800



151.7040, 22.8260, 37.8820



139.4220, 12.1100, -32.2580

Square

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



151.7040, 22.8260, 37.8820



145.7960, 61.9880, -0.0600



131.6200, -32.5460, -37.9380



120.5330, -114.8030, -17.4510

Rectangle

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



151.7040, 22.8260, 37.8820



147.6280, 63.5420, 26.8540



131.6200, -32.5460, -37.9380



118.3380, -101.7330, -34.0610

Sweetspot

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



151.7040, 22.8260, 37.8820



236.5750, 9.1670, 15.5910



131.1590, -21.4160, 24.6960



117.2060, 5.5920, 8.7920



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.



151.7040, 22.8260, 37.8820



185.2950, 35.0640, 58.3920



147.4860, 34.7030, 26.3750



93.7170, 2.4750, 4.7070



65.8370, 48.9980, 81.2060



14.5260, 10.8630, 17.8950

Inverse Universe

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



151.7040, 22.8260, 37.8820



185.2950, 35.0640, 58.3920



170.5140, -34.7030, -26.3750



93.7170, 2.4750, 4.7070



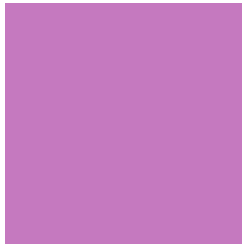
65.8370, 48.9980, 81.2060



14.5260, 10.8630, 17.8950

Previews

White Background



This preview shows how the YIQ color 151.7040, 22.8260, 37.8820 looks on a white background.

Color Contrast Check

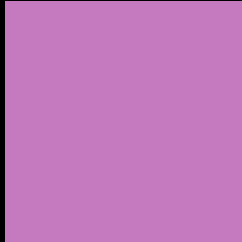
Large Text (above 18pt) WCAG AA ✓ Pass

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 151.7040, 22.8260, 37.8820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

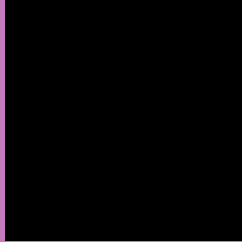
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 151.7040, 22.8260, 37.8820

Background



This preview shows how black text looks on a background with the YIQ color 151.7040, 22.8260, 37.8820.



This preview shows how white text looks on a background with the YIQ color 151.7040, 22.8260,

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

151.7040, 22.8260, 37.8820

Protanopia

147.9140, -31.2720, 16.0880

Deuteranopia

148.8910, -15.2700, 12.4260



Tritanopia

150.0800, 32.5500, 15.8300

Trichromacy



Original Color

151.7040, 22.8260, 37.8820



Protanomaly

149.3080, -11.6500, 23.9180



Deuteranomaly

149.7020, -1.1960, 21.6840



Tritanomaly

150.3820, 29.0640, 23.9440

Monochromacy



Original Color

151.7040, 22.8260, 37.8820



Achromatopsia

152.0000, -0.0000, -0.0000



Achromatomaly

151.9230, 8.0670, 13.4990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 151.7040, 22.8260, 37.8820 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(197, 121, 191)` looks like.

```
.text, #text, p{  
    color:rgb(197, 121, 191)  
}
```

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(197, 121, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 121, 191) }
```

Border

The CSS property to change the border of an element to YIQ 151.7040, 22.8260, 37.8820 is called "border". The border property can be set on classes, ids or directly on the HTML element.

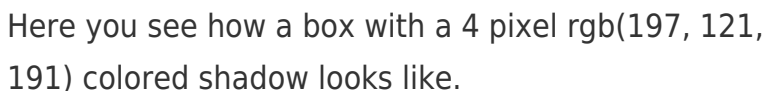
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 121, 191) }
```


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

```
.border{ border-color:rgb(197, 121, 191) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 121, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 121, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 121, 191);  
box-shadow:4px 4px 4px 4px rgb(197, 121,  
191) }
```

Background

The CSS property to change the background color of an element to YIQ 151.7040, 22.8260, 37.8820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 121, 191) }
```

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

```
.background{ background-color: rgb(197,  
121, 191) }
```

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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