

Converting Colors

YIQ(172.7840, 1.5090, 22.2210)

Have a look what the booklet for
YIQ(172.7840, 1.5090, 22.2210)
contains.

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Color

**YIQ(172.7840, 1.5090,
22.2210)**

Conversions

Conversions Part 1

Format	Color
Hex	BC9ED1
RGB	188, 158, 209
RGB Percent	74%, 62%, 82%
CMY	0.2626, 0.3804, 0.1804
CMYK	0.10, 0.24, 0.00, 0.18
HSL	275°, 36%, 72%
HSV	275°, 24%, 82%
XYZ	44.4778, 39.7472, 65.6438
YIQ	172.7840, 1.5090, 22.2210

Conversions

Conversions Part 2

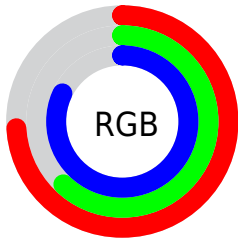
Format	Color
R_{YB}	188, 158, 209
Decimal	12361425
CIE _{Lab}	69.29, 20.56, -21.91
CIE _{LCh}	69, 30.043, 313.183
Yxy	39.7472, 0.2968, 0.2652
Android (android.graphics.Color)	4290551505 (0xFFBC9ED1)
YUV	172.7840, 17.8545, 13.3444
Hunter-Lab	63.0454, 15.6004, -17.6019

Details

The YIQ color **172.7840, 1.5090, 22.2210** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **194.2160, -1.5090, -22.2210**, and the grayscale version is **173.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **227.3560, 5.5900, 19.8460**, and **119.8440, 1.2800, 20.8640** is the 20% darker color. If you saturate the color by 10%, you get **157.7660, 1.9200, 31.2960**, and if you desaturate by 10%, it is **187.8020, 1.0980, 13.1460**.

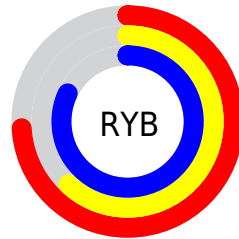
Distribution



Red (74%)

Green (62%)

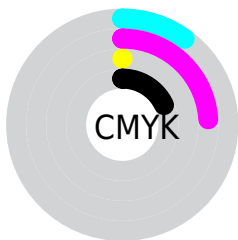
Blue (82%)



Red (74%)

Yellow (62%)

Blue (82%)

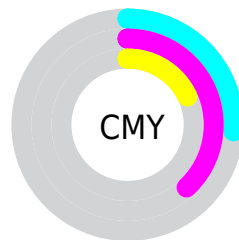


Cyan (10%)

Magenta (24%)

Yellow (0%)

Black (18%)



Cyan (26%)

Magenta (38%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 172.7840, 1.5090, 22.2210 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 172.7840, 1.5090, 22.2210 by changing the saturation by 10% instead.

■ 172.7840, 1.5090,
22.2210

■ 172.7840, 1.5090,
22.2210

255.0000, -0.0000,
-0.0000

■ 146.2570, 1.5550,
21.3870

■ 227.3560, 5.5900,
19.8460

■ 119.8440, 1.2800,
20.8640

■ 246.7820, 3.8500,
7.3220

■ 95.3170, 1.3260,
20.0300

■ 71.4910, 0.7760,
18.9840

■ 48.6650, 0.2260,
17.9380

■ 26.8390, -0.3240,
16.8920

■ 9.3720, -0.5070,

14.7010

■ 0.9120, -2.5680,
2.4880

■ 0.0000, 0.0000,
0.0000

■ 172.7840, 1.5090,
22.2210

■ 172.7840, 1.5090,
22.2210

■ 157.7660, 1.9200,
31.2960

■ 187.8020, 1.0980,
13.1460

■ 143.0470, 2.9270,
40.5830

■ 202.5210, 0.0910,
3.8590

■ 128.0290, 3.3380,
49.6580

■ 217.5390, -0.3200,
-5.2160

■ 113.3100, 4.3450,
58.9450

■ 232.2580, -1.3270,
-14.5030

98.2920, 4.7560,
68.0200

242.5800, 0.4620,
-19.3940

83.8610, 4.8920,
76.5720

245.2710, 5.8260,
-17.4860

69.1420, 5.8990,
85.8590

247.6630, 10.5940,
-15.7900

60.6030, 6.2190,
91.0750

249.7560, 14.7660,
-14.3060

Harmonies

Analogous

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



169.0730, -27.4660, 13.1900



172.7840, 1.5090, 22.2210



173.5280, 25.7170, 24.0290

Triad

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



172.7840, 1.5090, 22.2210



168.9440, 37.9640, -5.2040



154.6550, -56.8490, -21.4970

Complementary

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



172.7840, 1.5090, 22.2210



194.2160, -1.5090, -22.2210

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.



158.9490, -31.4940, -23.9580



172.7840, 1.5090, 22.2210



166.2250, 20.6350, -16.0450

Square

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



172.7840, 1.5090, 22.2210



171.0410, 45.4810, 7.2490



163.4330, -3.6180, -22.5460



155.3200, -65.7910, -13.6230

Rectangle

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



172.7840, 1.5090, 22.2210



172.8790, 37.7300, 21.0740



163.4330, -3.6180, -22.5460



155.9070, -48.8710, -22.9110

Sweetspot

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



172.7840, 1.5090, 22.2210



242.3410, 0.7780, 7.9300



176.1410, -22.1460, 4.8780



120.0480, 0.0450, 4.6930



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.



172.7840, 1.5090, 22.2210



202.5920, 2.4700, 32.3420



178.6070, 15.3090, 25.4290



97.0480, 0.0450, 4.6930



48.7530, 5.0760, 73.2360



11.8500, 1.1430, 17.8390

Inverse Universe

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



175.6430, 23.6550, 17.3430



206.5460, 34.4740, 25.0180



188.3930, -15.3090, -25.4290



97.7450, 5.2720, 3.5760



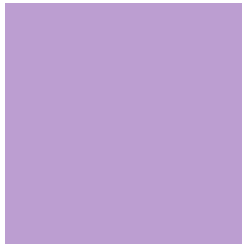
58.0980, 77.9790, 57.0750



14.1970, 18.9790, 13.9790

Previews

White Background



This preview shows how the YIQ color 172.7840, 1.5090, 22.2210 looks on a white background.

Color Contrast Check

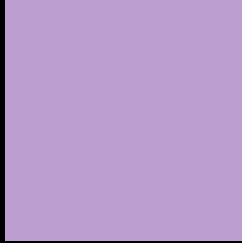
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 172.7840, 1.5090, 22.2210 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 ✓ Pass

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

YIQ 172.7840, 1.5090, 22.2210

Background



This preview shows how black text looks on a background with the YIQ color 172.7840, 1.5090, 22.2210.



This preview shows how white text looks on a background with the YIQ color 172.7840, 1.5090,

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

172.7840, 1.5090, 22.2210

Protanopia

169.5960, -21.6890, 13.1190

Deuteranopia

170.9730, -12.5650, 12.9630



Tritanopia

171.1630, 7.1510, 8.0710

Trichromacy



Original Color

172.7840, 1.5090, 22.2210

Protanomaly

170.7820, -13.3450, 16.0870

Deuteranomaly

171.7180, -7.2930, 16.5390

Tritanomaly

171.9550, 5.0410, 13.2730

Monochromacy



Original Color

172.7840, 1.5090, 22.2210

Achromatopsia

173.0000, -0.0000, 0.0000

Achromatomaly

173.0420, 0.1820, 7.7180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 172.7840, 1.5090, 22.2210 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(188, 158, 209)` looks like.

```
.text, #text, p{  
    color:rgb(188, 158, 209)  
}
```

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(188, 158, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 158, 209) }
```

Border

The CSS property to change the border of an element to YIQ 172.7840, 1.5090, 22.2210 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(188, 158, 209) }
```


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

```
.border{ border-color:rgb(188, 158, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 158, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 158, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 158, 209);  
box-shadow:4px 4px 4px 4px rgb(188, 158,  
209) }
```

Background

The CSS property to change the background color of an element to YIQ 172.7840, 1.5090, 22.2210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 158, 209) }
```

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

```
.background{ background-color: rgb(188,  
158, 209) }
```

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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