

Converting Colors

YIQ(190.7840, 1.5090, 22.2210)

Have a look what the booklet for
YIQ(190.7840, 1.5090, 22.2210)
contains.

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Color

**YIQ(190.7840, 1.5090,
22.2210)**

Conversions

Conversions Part 1

Format	Color
Hex	CEB0E3
RGB	206, 176, 227
RGB Percent	81%, 69%, 89%
CMY	0.1920, 0.3098, 0.1098
CMYK	0.09, 0.22, 0.00, 0.11
HSL	275°, 48%, 79%
HSV	275°, 22%, 89%
XYZ	54.8477, 49.7169, 79.3724
YIQ	190.7840, 1.5090, 22.2210

Conversions

Conversions Part 2

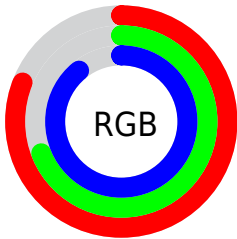
Format	Color
R _{YB}	206, 176, 227
Decimal	13545699
CIE _{Lab}	75.90, 20.17, -21.56
CIE _{LCh}	76, 29.523, 313.098
Yxy	49.7169, 0.2982, 0.2703
Android (android.graphics.Color)	4291735779 (0xFFCEB0E3)
YUV	190.7840, 17.8545, 13.3444
Hunter-Lab	70.5102, 15.4567, -17.3848

Details

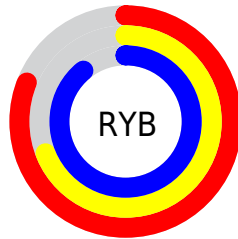
The YIQ color $190.7840, 1.5090, 22.2210$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $212.2160, -1.5090, -22.2210$, and the grayscale version is $191.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $241.4990, 6.3250, 12.0290$, and $136.9580, 0.9590, 21.1750$ is the 20% darker color. If you saturate the color by 10%, you get $174.5920, 2.4700, 32.3420$, and if you desaturate by 10%, it is $206.9760, 0.5480, 12.1000$.

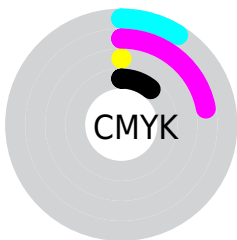
Distribution



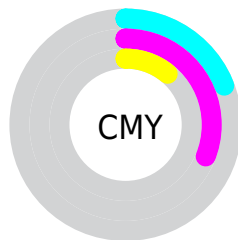
- Red (81%)
- Green (69%)
- Blue (89%)



- Red (81%)
- Yellow (69%)
- Blue (89%)



- Cyan (9%)
- Magenta (22%)
- Yellow (0%)
- Black (11%)



- Cyan (19%)
- Magenta (31%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 190.7840, 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 190.7840, 1.5090, 22.2210 by changing the saturation by 10% instead.

■ 190.7840, 1.5090,
22.2210

■ 190.7840, 1.5090,
22.2210

255.0000, -0.0000,
-0.0000

■ 163.3710, 1.2340,
21.6980

■ 241.4990, 6.3250,
12.0290

■ 136.9580, 0.9590,
21.1750

■ 111.4310, 1.0050,
20.3410

■ 86.9040, 1.0510,
19.5070

■ 63.0780, 0.5010,
18.4610

■ 41.1380, 0.2720,
17.1040

■ 19.1380, 0.2720,

17.1040

■ 3.0780, -8.6670,
8.3970

■ 0.0000, 0.0000,
0.0000

■ 190.7840, 1.5090,
22.2210

■ 190.7840, 1.5090,
22.2210

■ 174.5920, 2.4700,
32.3420

■ 206.9760, 0.5480,
12.1000

■ 158.6880, 2.5600,
41.7280

■ 222.8800, 0.4580,
2.7140

■ 142.4960, 3.5210,
51.8490

■ 239.0720, -0.5030,
-7.4070

■ 126.3040, 4.4820,
61.9700

■ 248.2200, 1.8360,
-11.2520

■ 109.8130, 4.8470,
71.8790

■ 251.2100, 7.7960,
-9.1320

■ 94.2080, 5.5330,
81.4770

■ 251.8080, 8.9880,
-8.7080

■ 78.0160, 6.4940,
91.5980

■ 65.9440, 6.9970,
99.0050

Harmonies

Analogous

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



187.3720, -26.8700, 13.4020



190.7840, 1.5090, 22.2210



191.5280, 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.



190.7840, 1.5090, 22.2210



186.8300, 38.2850, -5.5150



173.7370, -54.1440, -20.9600

Complementary

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



190.7840, 1.5090, 22.2210



212.2160, -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.



177.1340, -30.5770, -24.0570



190.7840, 1.5090, 22.2210



184.5240, 21.2310, -15.8330

Square

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



190.7840, 1.5090, 22.2210



189.3400, 46.0770, 7.4610



181.4330, -3.6180, -22.5460



174.5160, -63.4070, -12.7750

Rectangle

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



190.7840, 1.5090, 22.2210



190.8790, 37.7300, 21.0740



181.4330, -3.6180, -22.5460



174.5050, -47.6790, -22.4870

Sweetspot

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



190.7840, 1.5090, 22.2210



242.3410, 0.7780, 7.9300



194.1410, -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.



190.7840, 1.5090, 22.2210



206.1250, 2.2870, 30.1510



196.6070, 15.3090, 25.4290



106.4610, 0.3200, 5.2160



51.8010, 5.1210, 77.9290



14.7840, 1.5090, 22.2210

Inverse Universe

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



193.6430, 23.6550, 17.3430



209.8230, 32.1360, 23.3360



206.3930, -15.3090, -25.4290



107.1580, 5.5470, 4.0990



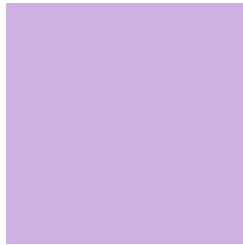
61.8430, 83.2510, 60.6510



17.6430, 23.6550, 17.3430

Previews

White Background



This preview shows how the YIQ color 190.7840, 1.5090, 22.2210 looks on a white background.

Color Contrast Check

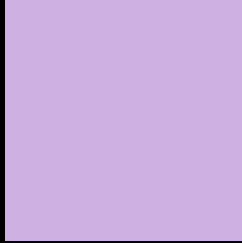
Large Text (above 18pt) WCAG AA × Fail

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 190.7840, 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 190.7840, 1.5090, 22.2210

Background



This preview shows how black text looks on a background with the YIQ color 190.7840, 1.5090, 22.2210.



This preview shows how white text looks on a background with the YIQ color 190.7840, 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

190.7840, 1.5090, 22.2210

Protanopia

187.7810, -20.7720, 13.0200

Deuteranopia

188.7990, -12.0150, 14.0090



Tritanopia

189.2770, 6.8300, 8.3820

Trichromacy



Original Color

190.7840, 1.5090, 22.2210

Protanomaly

189.0810, -12.7490, 16.2990

Deuteranomaly

189.1310, -7.0180, 17.0620

Tritanomaly

189.9550, 5.0410, 13.2730

Monochromacy



Original Color

190.7840, 1.5090, 22.2210

Achromatopsia

191.0000, -0.0000, -0.0000

Achromatomaly

191.0420, 0.1820, 7.7180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 190.7840, 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(206, 176, 227)` looks like.

```
.text, #text, p{  
    color:rgb(206, 176, 227)  
}
```

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(206, 176, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 176, 227) }
```

Border

The CSS property to change the border of an element to YIQ 190.7840, 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(206, 176, 227) }
```


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

```
.border{ border-color:rgb(206, 176, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 176, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 176, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 176, 227);  
box-shadow:4px 4px 4px 4px rgb(206, 176,  
227) }
```

Background

The CSS property to change the background color of an element to YIQ 190.7840, 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(206, 176, 227) }
```

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

```
.background{ background-color: rgb(206,  
176, 227) }
```

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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