

Converting Colors

YIQ(196.6800, 22.2330, 21.0890)

Have a look what the booklet for
YIQ(196.6800, 22.2330, 21.0890)
contains.

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Color

**YIQ(196.6800, 22.2330,
21.0890)**

Conversions

Conversions Part 1

Format	Color
Hex	E7B1D0
RGB	231, 177, 208
RGB Percent	91%, 69%, 82%
CMY	0.0940, 0.3059, 0.1842
CMYK	0.00, 0.23, 0.10, 0.09
HSL	326°, 53%, 80%
HSV	326°, 23%, 91%
XYZ	60.0720, 52.9854, 66.7461
YIQ	196.6800, 22.2330, 21.0890

Conversions

Conversions Part 2

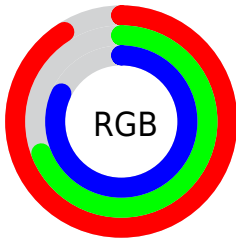
Format	Color
R _Y B	231, 177, 208
Decimal	15184336
CIE Lab	77.87, 24.49, -8.06
CIE LCh	78, 25.785, 341.789
Yxy	52.9854, 0.3341, 0.2947
Android (android.graphics.Color)	4293374416 (0xFFE7B1D0)
YUV	196.6800, 5.5808, 30.0986
Hunter-Lab	72.7911, 19.9256, -3.4125

Details

The YIQ color **196.6800, 22.2330, 21.0890** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **211.3200, -22.2330, -21.0890**, and the grayscale version is **197.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **242.0860, 6.0500, 11.5060**, and **142.6690, 20.7660, 20.1420** is the 20% darker color. If you saturate the color by 10%, you get **182.0390, 31.7680, 30.0080**, and if you desaturate by 10%, it is **211.3210, 12.6980, 12.1700**.

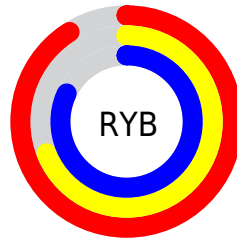
Distribution



Red (91%)

Green (69%)

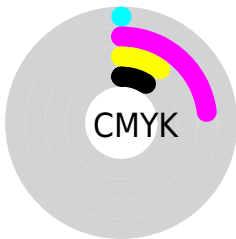
Blue (82%)



Red (91%)

Yellow (69%)

Blue (82%)

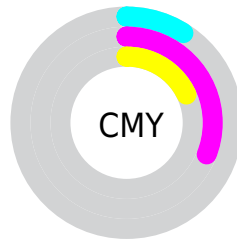


Cyan (0%)

Magenta (23%)

Yellow (10%)

Black (9%)



Cyan (9%)

Magenta (31%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 196.6800, 22.2330, 21.0890 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 196.6800, 22.2330, 21.0890 by changing the saturation by 10% instead.

■ 196.6800, 22.2330,
21.0890

■ 196.6800, 22.2330,
21.0890

■ 255.0000, -0.0000,
-0.0000

■ 169.2670, 21.9580,
20.5660

■ 242.0860, 6.0500,
11.5060

■ 142.6690, 20.7660,
20.1420

■ 116.9570, 19.8950,
19.4070

■ 91.6580, 19.2990,
19.1950

■ 67.6470, 17.8320,
18.2480

■ 44.0490, 16.6400,
17.8240

■ 21.7500, 16.0440,

17.6120

■ 9.0280, 11.9650,
8.9330

■ 0.0000, 0.0000,
0.0000

■ 196.6800, 22.2330,
21.0890

■ 196.6800, 22.2330,
21.0890

■ 182.0390, 31.7680,
30.0080

■ 211.3210, 12.6980,
12.1700

■ 167.3980, 41.3030,
38.9270

■ 225.9620, 3.1630,
3.2510

■ 152.7570, 50.8380,
47.8460

■ 240.6030, -6.3720,
-5.6680

■ 138.2300, 60.0520,
57.0760

■ 246.9120,
-11.7360, -7.5760

■ 123.0020, 69.8620,
66.5180

■ 247.8240,
-14.3040, -5.0880

■ 108.3610, 79.3970,
75.4370

■ 93.7200, 88.9320,
84.3560

■ 84.2310, 94.9830,
90.3350

Harmonies

Analogous

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



195.6050, 0.4550, 19.2950



196.6800, 22.2330, 21.0890



195.7600, 36.4470, 16.7910

Triad

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



196.6800, 22.2330, 21.0890



190.6210, 19.5800, -13.4440



182.5450, -53.1830, -10.8390

Complementary

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



196.6800, 22.2330, 21.0890



211.3200, -22.2330, -21.0890

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.



182.1080, -44.8830, -18.0910



196.6800, 22.2330, 21.0890



187.7970, -1.6470, -19.7190

Square

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



196.6800, 22.2330, 21.0890



192.7310, 34.2500, -3.9740



184.4660, -25.5800, -21.0040



187.1860, -44.3820, 0.3700

Rectangle

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



196.6800, 22.2330, 21.0890



195.1100, 41.0330, 10.7690



184.4660, -25.5800, -21.0040



182.1490, -52.1280, -13.4400

Sweetspot

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



196.6800, 22.2330, 21.0890



243.5220, 7.5180, 6.9260



190.0330, -3.6260, 21.6700



120.9730, 4.6300, 4.1980



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.



196.6800, 22.2330, 21.0890



209.9030, 29.1550, 27.8030



193.6020, 30.9000, 12.6920



107.3860, 4.9050, 4.7210



65.1490, 73.9420, 69.6700



18.5550, 21.0870, 19.8310

Inverse Universe

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



196.6800, 22.2330, 21.0890



209.9030, 29.1550, 27.8030



214.3980, -30.9000, -12.6920



107.3860, 4.9050, 4.7210



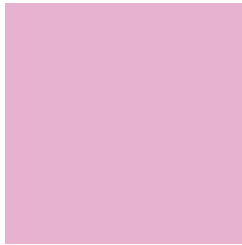
65.1490, 73.9420, 69.6700



18.5550, 21.0870, 19.8310

Previews

White Background



This preview shows how the YIQ color 196.6800, 22.2330, 21.0890 looks on a white background.

Color Contrast Check

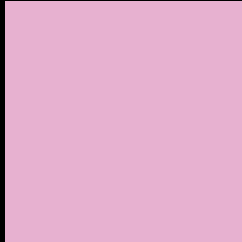
Large Text (above 18pt) WCAG AA × Fail

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 196.6800, 22.2330, 21.0890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

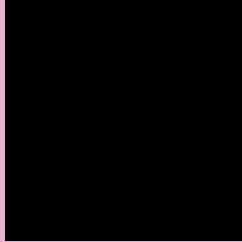
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 196.6800, 22.2330, 21.0890

Background



This preview shows how black text looks on a background with the YIQ color 196.6800, 22.2330, 21.0890.



This preview shows how white text looks on a background with the YIQ color 196.6800, 22.2330,

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

196.6800, 22.2330, 21.0890

Protanopia

193.3660, -9.5380, 7.6620

Deuteranopia

194.5480, 4.6290, 9.7250



Tritanopia

195.5460, 25.3060, 14.9540

Trichromacy



Original Color

196.6800, 22.2330, 21.0890

Protanomaly

194.5740, 1.7400, 12.5240

Deuteranomaly

195.0050, 10.7720, 14.0360

Tritanomaly

195.8280, 24.5720, 17.2440

Monochromacy



Original Color

196.6800, 22.2330, 21.0890

Achromatopsia

197.0000, -0.0000, -0.0000

Achromatomaly

196.9350, 7.7930, 7.4490

CSS Examples

Text

The CSS property to change the color of the text to YIQ 196.6800, 22.2330, 21.0890 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(231, 177, 208)` looks like.

```
.text, #text, p{  
    color:rgb(231, 177, 208)  
}
```

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(231, 177, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 177, 208) }
```

Border

The CSS property to change the border of an element to YIQ 196.6800, 22.2330, 21.0890 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(231, 177, 208) }
```


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

```
.border{ border-color:rgb(231, 177, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 177, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 177, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 177, 208);  
box-shadow:4px 4px 4px 4px rgb(231, 177,  
208) }
```

Background

The CSS property to change the background color of an element to YIQ 196.6800, 22.2330, 21.0890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 177, 208) }
```

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

```
.background{ background-color: rgb(231,  
177, 208) }
```

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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