

Converting Colors

YIQ(191.0390, 22.6000, 19.9440)

Have a look what the booklet for
YIQ(191.0390, 22.6000, 19.9440)
contains.

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Color

**YIQ(191.0390, 22.6000,
19.9440)**

Conversions

Conversions Part 1

Format	Color
Hex	E1ACC8
RGB	225, 172, 200
RGB Percent	88%, 67%, 78%
CMY	0.1175, 0.3256, 0.2156
CMYK	0.00, 0.24, 0.11, 0.12
HSL	328°, 47%, 78%
HSV	328°, 24%, 88%
XYZ	56.2384, 49.6810, 61.2795
YIQ	191.0390, 22.6000, 19.9440

Conversions

Conversions Part 2

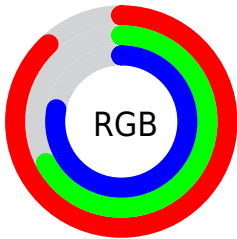
Format	Color
R _Y B	225, 172, 200
Decimal	14789832
CIE Lab	75.87, 23.76, -6.72
CIE LCh	76, 24.689, 344.196
Yxy	49.6810, 0.3364, 0.2971
Android (android.graphics.Color)	4292979912 (0xFFE1ACC8)
YUV	191.0390, 4.4178, 29.7838
Hunter-Lab	70.4847, 19.0734, -2.2075

Details

The YIQ color $191.0390, 22.6000, 19.9440$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $205.9610, -22.6000, -19.9440$, and the grayscale version is $191.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $239.1510, 7.4250, 14.1210$, and $137.0280, 21.1330, 18.9970$ is the 20% darker color. If you saturate the color by 10%, you get $176.2840, 32.4560, 28.5520$, and if you desaturate by 10%, it is $205.2070, 13.0190, 11.8590$.

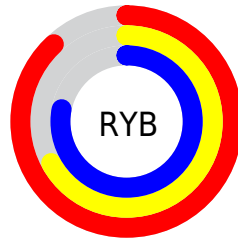
Distribution



Red (88%)

Green (67%)

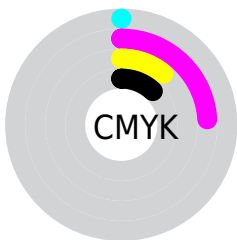
Blue (78%)



Red (88%)

Yellow (67%)

Blue (78%)

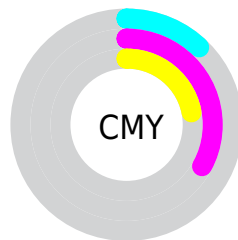


Cyan (0%)

Magenta (24%)

Yellow (11%)

Black (12%)



Cyan (12%)


Magenta (33%)


Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 191.0390, 22.6000, 19.9440 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 191.0390, 22.6000, 19.9440 by changing the saturation by 10% instead.


 191.0390, 22.6000,
19.9440


 191.0390, 22.6000,
19.9440


255.0000, -0.0000,
-0.0000


 163.7400, 22.0040,
19.7320


 239.1510, 7.4250,
14.1210

 137.0280, 21.1330,
18.9970

 111.3160, 20.2620,
18.2620

 86.7180, 19.0700,
17.8380

 63.0060, 18.1990,
17.1030

 39.4080, 17.0070,
16.6790

 17.3370, 15.7690,

17.0890

■ 4.4850, 8.9400,
3.1800

■ 0.0000, 0.0000,
0.0000

■ 191.0390, 22.6000,
19.9440

■ 191.0390, 22.6000,
19.9440

■ 176.2840, 32.4560,
28.5520

■ 205.2070, 13.0190,
11.8590

■ 162.2300, 41.7160,
36.9480

■ 219.8480, 3.4840,
2.9400

■ 147.4750, 51.5720,
45.5560

■ 234.0160, -6.0970,
-5.1450

■ 133.4210, 60.8320,
53.9520

■ 244.5480,
-13.7070, -10.4030

■ 118.6660, 70.6880,
62.5600

■ 245.8020,
-17.2380, -6.9820

■ 104.4980, 80.2690,
70.6450

■ 246.0300,
-17.8800, -6.3600

■ 89.8570, 89.8040,
79.5640

■ 80.8410, 95.9010,
84.7090

Harmonies

Analogous

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



190.5620, 2.0140, 18.5740



191.0390, 22.6000, 19.9440



190.5210, 35.6220, 15.2220

Triad

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



191.0390, 22.6000, 19.9440



184.9520, 17.1500, -13.4580



178.1540, -50.5240, -9.4680

Complementary

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



191.0390, 22.6000, 19.9440



205.9610, -22.6000, -19.9440

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.



177.2330, -43.7370, -16.8330



191.0390, 22.6000, 19.9440



181.9540, -3.5270, -18.6870

Square

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



191.0390, 22.6000, 19.9440



186.9480, 32.1410, -4.2990



179.1070, -25.9470, -19.8590



182.5670, -41.0810, 1.1190

Rectangle

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



191.0390, 22.6000, 19.9440



189.3870, 38.6950, 9.0870



179.1070, -25.9470, -19.8590



177.4590, -50.0650, -12.2810

Sweetspot

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



191.0390, 22.6000, 19.9440



243.5220, 7.5180, 6.9260



185.5170, -2.1130, 21.7830



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.



191.0390, 22.6000, 19.9440



209.4470, 30.4390, 26.5590



188.0750, 30.9460, 11.8580



104.9730, 4.6300, 4.1980



63.2260, 75.0430, 66.2350



17.3160, 20.2620, 18.2620

Inverse Universe

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



191.0390, 22.6000, 19.9440



209.4470, 30.4390, 26.5590



208.9250, -30.9460, -11.8580



104.9730, 4.6300, 4.1980



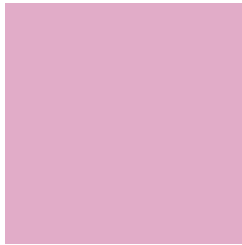
63.2260, 75.0430, 66.2350



17.3160, 20.2620, 18.2620

Previews

White Background



This preview shows how the YIQ color 191.0390, 22.6000, 19.9440 looks on a white background.

Color Contrast Check

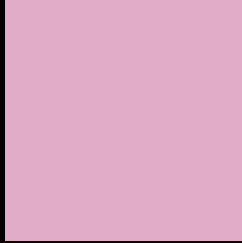
Large Text (above 18pt) WCAG AA × Fail

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 191.0390, 22.6000, 19.9440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

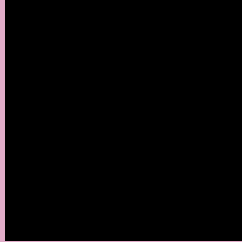
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 191.0390, 22.6000, 19.9440

Background



This preview shows how black text looks on a background with the YIQ color 191.0390, 22.6000, 19.9440.



This preview shows how white text looks on a background with the YIQ color 191.0390, 22.6000,

19.9440.

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

191.0390, 22.6000, 19.9440

Protanopia

188.0240, -8.5750, 6.7290

Deuteranopia

189.5050, 6.1880, 9.0040



Tritanopia

190.2470, 24.7100, 14.7420

Trichromacy



Original Color

191.0390, 22.6000, 19.9440

Protanomaly

189.2320, 2.7030, 11.5910

Deuteranomaly

189.9620, 12.3310, 13.3150

Tritanomaly

190.4150, 24.2970, 16.7210

Monochromacy



Original Color

191.0390, 22.6000, 19.9440

Achromatopsia

191.0000, -0.0000, -0.0000

Achromatomaly

190.8210, 8.1140, 7.1380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 191.0390, 22.6000, 19.9440 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(225, 172, 200)` looks like.

```
.text, #text, p{  
    color:rgb(225, 172, 200)  
}
```

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(225, 172, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 172, 200) }
```

Border

The CSS property to change the border of an element to YIQ 191.0390, 22.6000, 19.9440 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(225, 172, 200) }
```


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

```
.border{ border-color:rgb(225, 172, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 172, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 172, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 172, 200);  
box-shadow:4px 4px 4px 4px rgb(225, 172,  
200) }
```

Background

The CSS property to change the background color of an element to YIQ 191.0390, 22.6000, 19.9440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 172, 200) }
```

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

```
.background{ background-color: rgb(225,  
172, 200) }
```

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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