

Converting Colors

YIQ(200.3570, 22.1850, 32.9770)

Have a look what the booklet for
YIQ(200.3570, 22.1850, 32.9770)
contains.

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Color

**YIQ(200.3570, 22.1850,
32.9770)**

Conversions

Conversions Part 1

Format	Color
Hex	F2ADE8
RGB	242, 173, 232
RGB Percent	95%, 68%, 91%
CMY	0.0508, 0.3217, 0.0901
CMYK	0.00, 0.29, 0.04, 0.05
HSL	309°, 73%, 81%
HSV	309°, 29%, 95%
XYZ	66.1406, 54.5892, 83.4028
YIQ	200.3570, 22.1850, 32.9770

Conversions

Conversions Part 2

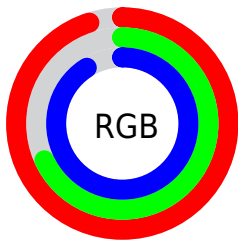
Format	Color
R _Y B	242, 173, 232
Decimal	15904232
CIE _{Lab}	78.80, 34.44, -19.54
CIE _{LCh}	79, 39.596, 330.432
Yxy	54.5892, 0.3240, 0.2674
Android (android.graphics.Color)	4294094312 (0xFFF2ADE8)
YUV	200.3570, 15.6000, 36.5209
Hunter-Lab	73.8845, 30.4934, -15.2089

Details

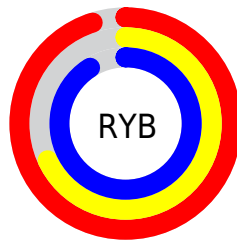
The YIQ color **200.3570, 22.1850, 32.9770** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **214.6430, -22.1850, -32.9770**, and the grayscale version is **200.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **239.7380, 7.1500, 13.5980**, and **145.8190, 20.7640, 31.1960** is the 20% darker color. If you saturate the color by 10%, you get **185.8130, 30.0690, 44.2850**, and if you desaturate by 10%, it is **214.9010, 14.3010, 21.6690**.

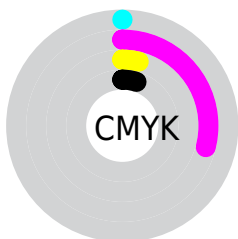
Distribution



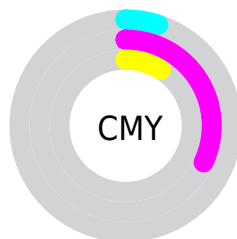
- Red (95%)
- Green (68%)
- Blue (91%)



- Red (95%)
- Yellow (68%)
- Blue (91%)



- Cyan (0%)
- Magenta (29%)
- Yellow (4%)
- Black (5%)



- Cyan (5%)
- Magenta (32%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 200.3570, 22.1850, 32.9770 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 200.3570, 22.1850, 32.9770 by changing the saturation by 10% instead.

200.3570, 22.1850,
32.9770

200.3570, 22.1850,
32.9770

255.0000, -0.0000,
-0.0000

172.6450, 21.3140,
32.2420

239.7380, 7.1500,
13.5980

145.8190, 20.7640,
31.1960

119.5200, 20.1680,
30.9840

93.8080, 19.2970,
30.2490

69.0960, 18.4260,
29.5140

44.4980, 17.2340,
29.0900

22.3730, 16.0880,

27.8320

■ 13.9990, 10.9090,
17.0610

■ 0.1140, -0.3210,
0.3110

■ 200.3570, 22.1850,
32.9770

■ 200.3570, 22.1850,
32.9770

■ 185.8130, 30.0690,
44.2850

■ 214.9010, 14.3010,
21.6690

■ 171.3830, 37.6320,
55.9040

■ 229.3310, 6.7380,
10.0500

■ 156.2520, 45.7910,
67.7350

■ 244.4620, -1.4210,
-1.7810

■ 141.8220, 53.3540,
79.3540

■ 250.0870, -4.8590,
-5.5550

■ 127.2780, 61.2380,
90.6620

■ 250.5430, -6.1430,
-4.3110

■ 112.8480, 68.8010,
102.2810

■ 250.8850, -7.1060,
-3.3780

■ 98.3040, 76.6850,
113.5890

■ 251.1130, -7.7480,
-2.7560

■ 95.9560, 77.7850,
115.6810

Harmonies

Analogous

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



197.4650, -13.5300, 24.9500



200.3570, 22.1850, 32.9770



196.6180, 43.1390, 27.6750

Triad

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



200.3570, 22.1850, 32.9770



192.5660, 38.6080, -16.8800



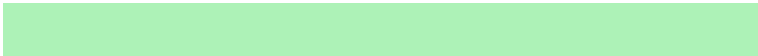
167.7990, -101.4130, -28.8450

Complementary

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



200.3570, 22.1850, 32.9770



214.6430, -22.1850, -32.9770

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.



175.2310, -67.7590, -33.0310



200.3570, 22.1850, 32.9770



188.6870, 10.0460, -27.8900

Square

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



200.3570, 22.1850, 32.9770



195.1590, 56.5320, -0.3000



182.8320, -27.0910, -32.1710



175.9830, -89.5870, -11.8830

Rectangle

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



200.3570, 22.1850, 32.9770



194.3550, 50.8890, 19.3770



182.8320, -27.0910, -32.1710



169.4100, -93.0680, -31.4040

Sweetspot

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



200.3570, 22.1850, 32.9770



241.1570, 7.2880, 11.0960



183.5570, -16.7850, 23.3670



118.8530, 5.0880, 6.9120



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.



200.3570, 22.1850, 32.9770



202.4490, 28.0980, 41.4580



196.4810, 33.0990, 22.4030



112.7280, 3.9420, 5.6540



72.9140, 59.2670, 87.8350



22.2160, 17.9680, 26.8000

Inverse Universe

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



200.3570, 22.1850, 32.9770



202.4490, 28.0980, 41.4580



218.5190, -33.0990, -22.4030



112.7280, 3.9420, 5.6540



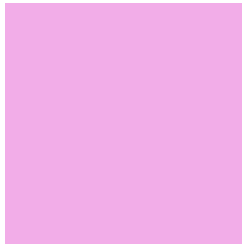
72.9140, 59.2670, 87.8350



22.2160, 17.9680, 26.8000

Previews

White Background



This preview shows how the YIQ color 200.3570, 22.1850, 32.9770 looks on a white background.

Color Contrast Check

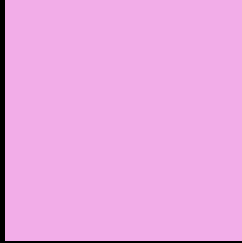
Large Text (above 18pt) WCAG AA × Fail

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 200.3570, 22.1850, 32.9770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

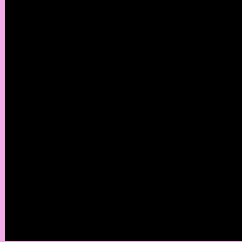
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 200.3570, 22.1850, 32.9770

Background



This preview shows how black text looks on a background with the YIQ color 200.3570, 22.1850, 32.9770.



This preview shows how white text looks on a background with the YIQ color 200.3570, 22.1850,

32.9770.

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

200.3570, 22.1850, 32.9770

Protanopia

195.7530, -23.5690, 14.1510

Deuteranopia

197.4250, -8.0260, 13.3020



Tritanopia

198.6390, 29.4780, 16.4380

Trichromacy



Original Color

200.3570, 22.1850, 32.9770



Protanomaly

197.6520, -6.9270, 20.9210



Deuteranomaly

198.2140, 3.1140, 20.6660



Tritanomaly

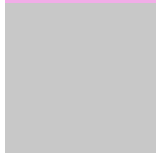
199.0720, 27.0010, 22.7850

Monochromacy



Original Color

200.3570, 22.1850, 32.9770



Achromatopsia

200.0000, -0.0000, -0.0000



Achromatomaly

199.9830, 7.8380, 12.1420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 200.3570, 22.1850, 32.9770 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(242, 173, 232)` looks like.

```
.text, #text, p{  
    color:rgb(242, 173, 232)  
}
```

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(242, 173, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 173, 232) }
```

Border

The CSS property to change the border of an element to YIQ 200.3570, 22.1850, 32.9770 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(242, 173, 232) }
```


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

```
.border{ border-color:rgb(242, 173, 232) }
```

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

Here you see how a box with a 4 pixel rgb(242, 173, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 173, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 173, 232);  
box-shadow:4px 4px 4px 4px rgb(242, 173,  
232) }
```

Background

The CSS property to change the background color of an element to YIQ 200.3570, 22.1850, 32.9770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 173, 232) }
```

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

```
.background{ background-color: rgb(242,  
173, 232) }
```

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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