

Converting Colors

YIQ(197.9050, 17.6460, 32.6380)

Have a look what the booklet for
YIQ(197.9050, 17.6460, 32.6380)
contains.

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Color

**YIQ(197.9050, 17.6460,
32.6380)**

Conversions

Conversions Part 1

Format	Color
Hex	EBACEA
RGB	235, 172, 234
RGB Percent	92%, 67%, 92%
CMY	0.0782, 0.3256, 0.0823
CMYK	0.00, 0.27, 0.00, 0.08
HSL	301°, 61%, 80%
HSV	301°, 27%, 92%
XYZ	63.8764, 53.1062, 84.7300
YIQ	197.9050, 17.6460, 32.6380

Conversions

Conversions Part 2

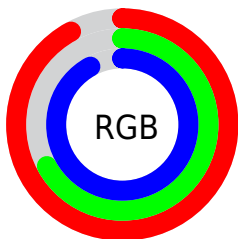
Format	Color
RYB	235, 172, 234
Decimal	15445226
CIELab	77.94, 33.06, -22.00
CIElCh	78, 39.709, 326.360
Yxy	53.1062, 0.3167, 0.2633
Android (android.graphics.Color)	4293635306 (0xFFEBACEA)
YUV	197.9050, 17.7948, 32.5323
Hunter-Lab	72.8740, 28.9315, -17.9242

Details

The YIQ color **197.9050, 17.6460, 32.6380** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **209.0950, -17.6460, -32.6380**, and the grayscale version is **198.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **239.1510, 7.4250, 14.1210**, and **143.3670, 16.2250, 30.8570** is the 20% darker color. If you saturate the color by 10%, you get **183.8170, 24.2460, 45.1900**, and if you desaturate by 10%, it is **211.4060, 11.3210, 20.6090**.

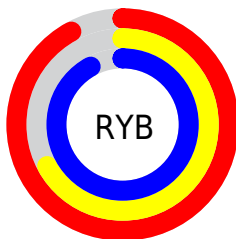
Distribution



Red (92%)

Green (67%)

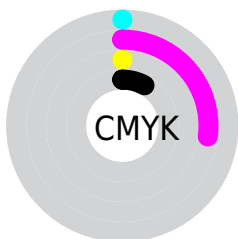
Blue (92%)



Red (92%)

Yellow (67%)

Blue (92%)

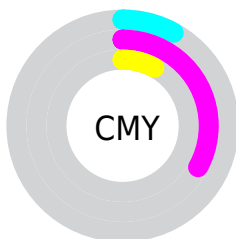


Cyan (0%)

Magenta (27%)

Yellow (0%)

Black (8%)



Cyan (8%)

Magenta (33%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 197.9050, 17.6460, 32.6380 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 197.9050, 17.6460, 32.6380 by changing the saturation by 10% instead.

■ 197.9050, 17.6460,
32.6380

■ 197.9050, 17.6460,
32.6380

255.0000, -0.0000,
-0.0000

■ 170.1930, 16.7750,
31.9030

■ 239.1510, 7.4250,
14.1210

■ 143.3670, 16.2250,
30.8570

■ 116.9540, 15.9500,
30.3340

■ 92.1280, 15.4000,
29.2880

■ 67.4160, 14.5290,
28.5530

■ 43.1170, 13.9330,
28.3410

■ 20.9920, 12.7870,

27.0830

■ 12.3190, 7.0120,
16.1000

■ 0.3420, -0.9630,
0.9330

■ 197.9050, 17.6460,
32.6380

■ 197.9050, 17.6460,
32.6380

■ 183.8170, 24.2460,
45.1900

■ 211.4060, 11.3210,
20.6090

■ 170.2020, 30.8920,
56.9080

■ 225.6080, 4.4000,
8.3680

■ 156.1140, 37.4920,
69.4600

■ 239.1090, -1.9250,
-3.6610

■ 142.4990, 44.1380,
81.1780

■ 246.8540, -5.8210,
-10.1490

■ 128.4110, 50.7380,
93.7300

■ 246.9680, -6.1420,
-9.8380

■ 114.9100, 57.0630,
105.7590

■ 247.0820, -6.4630,
-9.5270

■ 100.7080, 63.9840,
118.0000

■ 96.5990, 65.9090,
121.6610

Harmonies

Analogous

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



194.7740, -18.8940, 23.0420



197.9050, 17.6460, 32.6380



195.7860, 42.7260, 29.6540

Triad

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



197.9050, 17.6460, 32.6380



190.5880, 41.5420, -14.9860



164.9300, -100.4040, -30.6120

Complementary

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



197.9050, 17.6460, 32.6380



209.0950, -17.6460, -32.6380

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.



173.5690, -62.8990, -33.0030



197.9050, 17.6460, 32.6380



186.6660, 14.5390, -26.7170

Square

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



197.9050, 17.6460, 32.6380



193.2240, 57.9070, 2.3150



181.4690, -21.6350, -31.9310



171.5800, -95.8220, -14.5260

Rectangle

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



197.9050, 17.6460, 32.6380



192.9360, 50.7510, 21.8790



181.4690, -21.6350, -31.9310



167.7370, -89.6750, -32.3230

Sweetspot

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



197.9050, 17.6460, 32.6380



243.2600, 5.5000, 10.4600



179.1820, -20.2230, 19.5930



120.2550, 3.8960, 6.4880



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.



197.9050, 17.6460, 32.6380



206.7520, 22.8710, 42.5750



194.4850, 27.2760, 23.3080



110.5430, 3.0250, 5.7530



74.4110, 50.7380, 93.7300



22.1880, 15.1710, 27.9310

Inverse Universe

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



197.9050, 17.6460, 32.6380



206.7520, 22.8710, 42.5750



212.6290, -27.5970, -22.9970



110.5430, 3.0250, 5.7530



74.4110, 50.7380, 93.7300



22.1880, 15.1710, 27.9310

Previews

White Background



This preview shows how the YIQ color 197.9050, 17.6460, 32.6380 looks on a white background.

Color Contrast Check

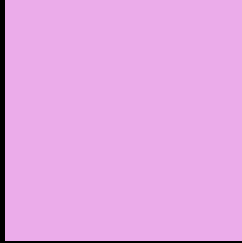
Large Text (above 18pt) WCAG AA × Fail

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 197.9050, 17.6460, 32.6380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

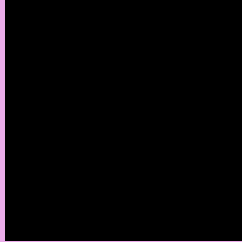
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 197.9050, 17.6460, 32.6380

Background



This preview shows how black text looks on a background with the YIQ color 197.9050, 17.6460, 32.6380.



This preview shows how white text looks on a background with the YIQ color 197.9050, 17.6460,

32.6380.

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

197.9050, 17.6460, 32.6380

Protanopia

193.7960, -25.1280, 14.8720

Deuteranopia

194.9840, -11.0980, 13.9100



Tritanopia

196.4320, 25.6270, 14.6430

Trichromacy



Original Color

197.9050, 17.6460, 32.6380



Protanomaly

195.0970, -9.6780, 21.2180



Deuteranomaly

196.0610, -0.8290, 20.5390



Tritanomaly

196.9790, 22.8290, 21.3010

Monochromacy



Original Color

197.9050, 17.6460, 32.6380



Achromatopsia

198.0000, -0.0000, 0.0000



Achromatomaly

198.0860, 6.0500, 11.5060

CSS Examples

Text

The CSS property to change the color of the text to YIQ 197.9050, 17.6460, 32.6380 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(235, 172, 234)` looks like.

```
.text, #text, p{  
    color:rgb(235, 172, 234)  
}
```

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(235, 172, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 172, 234) }
```

Border

The CSS property to change the border of an element to YIQ 197.9050, 17.6460, 32.6380 is called "border". The border property can be set on classes, ids or directly on the HTML element.

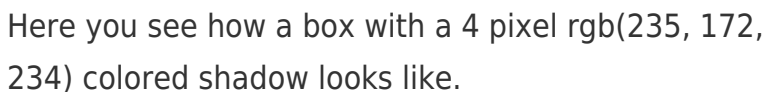
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(235, 172, 234) }
```


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

```
.border{ border-color:rgb(235, 172, 234) }
```

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



Here you see how a box with a 4 pixel `rgb(235, 172, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(235, 172, 234); -webkit-box-shadow:4px 4px 4px 4px rgb(235, 172, 234); box-shadow:4px 4px 4px 4px rgb(235, 172, 234) }
```

Background

The CSS property to change the background color of an element to YIQ 197.9050, 17.6460, 32.6380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 172, 234) }
```

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

```
.background{ background-color: rgb(235,  
172, 234) }
```

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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