

Converting Colors

YIQ(200.7990, 6.3210, 34.1370)

Have a look what the booklet for
YIQ(200.7990, 6.3210, 34.1370)
contains.

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Color

**YIQ(200.7990, 6.3210,
34.1370)**

Conversions

Conversions Part 1

Format	Color
Hex	E4B1FC
RGB	228, 177, 252
RGB Percent	89%, 69%, 99%
CMY	0.1057, 0.3059, 0.0118
CMYK	0.10, 0.30, 0.00, 0.01
HSL	281°, 93%, 84%
HSV	281°, 30%, 99%
XYZ	65.2958, 54.9646, 99.2562
YIQ	200.7990, 6.3210, 34.1370

Conversions

Conversions Part 2

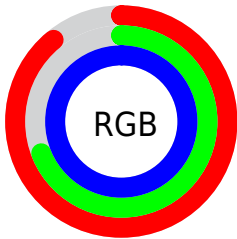
Format	Color
R _Y B	228, 177, 252
Decimal	14987772
CIE Lab	79.02, 31.61, -30.09
CIE LCh	79, 43.645, 316.408
Yxy	54.9646, 0.2975, 0.2504
Android (android.graphics.Color)	4293177852 (0xFFE4B1FC)
YUV	200.7990, 25.2421, 23.8553
Hunter-Lab	74.1381, 27.4689, -27.4808

Details

The YIQ color $200.7990, 6.3210, 34.1370$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $228.2010, -6.3210, -34.1370$, and the grayscale version is $201.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $242.0860, 6.0500, 11.5060$, and $146.4460, 5.8170, 32.2570$ is the 20% darker color. If you saturate the color by 10%, you get $183.7320, 8.4280, 45.5160$, and if you desaturate by 10%, it is $217.8660, 4.2140, 22.7580$.

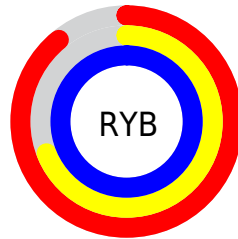
Distribution



Red (89%)

Green (69%)

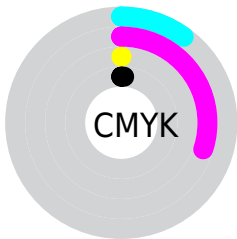
Blue (99%)



Red (89%)

Yellow (69%)

Blue (99%)

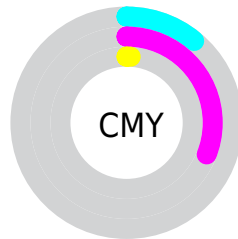


Cyan (10%)

Magenta (30%)

Yellow (0%)

Black (1%)



Cyan (11%)

Magenta (31%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 200.7990, 6.3210, 34.1370 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 200.7990, 6.3210, 34.1370 by changing the saturation by 10% instead.

■ 200.7990, 6.3210,
34.1370

■ 200.7990, 6.3210,
34.1370

255.0000, -0.0000,
-0.0000

■ 173.2720, 6.3670,
33.3030

■ 242.0860, 6.0500,
11.5060

■ 146.4460, 5.8170,
32.2570

■ 120.0330, 5.5420,
31.7340

■ 94.7940, 4.7170,
30.1650

■ 70.2670, 4.7630,
29.3310

■ 46.5550, 3.8920,
28.5960

■ 22.5550, 3.8920,

28.5960

■ 12.4910, 0.7760,
18.9840

■ 3.0950, -7.3370,
6.3190

■ 200.7990, 6.3210,
34.1370

■ 200.7990, 6.3210,
34.1370

■ 183.7320, 8.4280,
45.5160

■ 217.8660, 4.2140,
22.7580

■ 166.6650, 10.5350,
56.8950

■ 234.9330, 2.1070,
11.3790

■ 149.0110, 12.9170,
68.7970

■ 252.5870, -0.2750,
-0.5230

■ 131.9440, 15.0240,
80.1760

■ 254.6580, 0.9630,
-0.9330

■ 114.8770, 17.1310,
91.5550

■ 97.8100, 19.2380,
102.9340

■ 80.7430, 21.3450,
114.3130

■ 80.1560, 21.6200,
114.8360

Harmonies

Analogous

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



193.2020, -32.1430, 15.3530



200.7990, 6.3210, 34.1370



198.3110, 36.9940, 34.4180

Triad

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



200.7990, 6.3210, 34.1370



194.2690, 52.8660, -10.9580



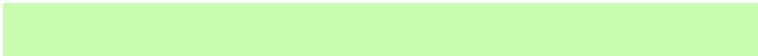
159.2930, -115.0280, -40.9160

Complementary

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



200.7990, 6.3210, 34.1370



228.2010, -6.3210, -34.1370

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.



176.9410, -55.3790, -37.1310



200.7990, 6.3210, 34.1370



190.4240, 26.9640, -26.1240

Square

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



200.7990, 6.3210, 34.1370



193.6420, 59.7860, 6.8100



185.0480, -10.2640, -34.2640



154.4600, -140.0630, -33.2390

Rectangle

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



200.7990, 6.3210, 34.1370



193.9450, 46.5320, 26.7560



185.0480, -10.2640, -34.2640



167.2650, -91.4620, -38.4860

Sweetspot

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



200.7990, 6.3210, 34.1370



239.4060, 2.1530, 10.5450



200.2250, -30.9500, 10.2500



117.7000, 1.1450, 6.7850



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.



200.7990, 6.3210, 34.1370



192.3250, 8.0160, 41.9680



206.4930, 24.7980, 35.1820



116.1730, 1.1910, 5.9510



59.8180, 15.6190, 85.9150



19.5120, 5.4510, 27.8750

Inverse Universe

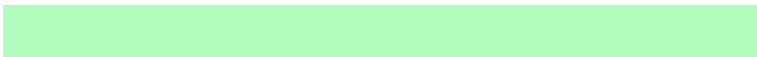
The Inverse Universe completely reimagines the original color for something new.



202.1610, 36.9960, 23.3640



193.9280, 45.2020, 28.8340



222.3930, -24.4770, -35.4930



116.3430, 6.4640, 4.0000



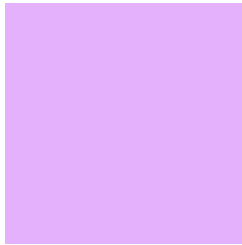
63.3510, 93.3840, 58.7280



20.5190, 29.9360, 19.1520

Previews

White Background



This preview shows how the YIQ color 200.7990, 6.3210, 34.1370 looks on a white background.

Color Contrast Check

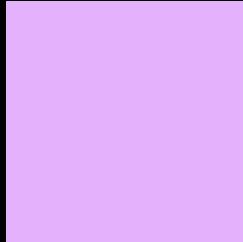
Large Text (above 18pt) WCAG AA × Fail

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 200.7990, 6.3210, 34.1370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

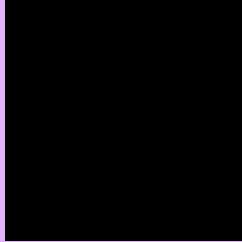
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 200.7990, 6.3210, 34.1370

Background



This preview shows how black text looks on a background with the YIQ color 200.7990, 6.3210, 34.1370.



This preview shows how white text looks on a background with the YIQ color 200.7990, 6.3210,

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

200.7990, 6.3210, 34.1370

Protanopia

196.4690, -28.5210, 15.7910

Deuteranopia

197.0030, -21.2770, 16.6670



Tritanopia

198.4630, 15.1740, 11.3500

Trichromacy



Original Color

200.7990, 6.3210, 34.1370



Protanomaly

198.2150, -15.8220, 22.4340



Deuteranomaly

198.6670, -11.2830, 22.7730



Tritanomaly

199.1780, 11.9630, 19.9870

Monochromacy



Original Color

200.7990, 6.3210, 34.1370



Achromatopsia

201.0000, -0.0000, 0.0000



Achromatomaly

200.8730, 2.3360, 12.7360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 200.7990, 6.3210, 34.1370 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(228, 177, 252)` looks like.

```
.text, #text, p{  
    color:rgb(228, 177, 252)  
}
```

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(228, 177, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 177, 252) }
```

Border

The CSS property to change the border of an element to YIQ 200.7990, 6.3210, 34.1370 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(228, 177, 252) }
```


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

```
.border{ border-color:rgb(228, 177, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 177, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 177, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 177, 252);  
box-shadow:4px 4px 4px 4px rgb(228, 177,  
252) }
```

Background

The CSS property to change the background color of an element to YIQ 200.7990, 6.3210, 34.1370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 177, 252) }
```

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

```
.background{ background-color: rgb(228,  
177, 252) }
```

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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