

Converting Colors

YIQ(202.7990, 6.3210, 34.1370)

Have a look what the booklet for
YIQ(202.7990, 6.3210, 34.1370)
contains.

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Color

**YIQ(202.7990, 6.3210,
34.1370)**

Conversions

Conversions Part 1

Format	Color
Hex	E6B3FE
RGB	230, 179, 254
RGB Percent	90%, 70%, 100%
CMY	0.0979, 0.2981, 0.0040
CMYK	0.09, 0.30, 0.00, 0.00
HSL	281°, 97%, 85%
HSV	281°, 30%, 100%
XYZ	66.6508, 56.2170, 101.0970
YIQ	202.7990, 6.3210, 34.1370

Conversions

Conversions Part 2

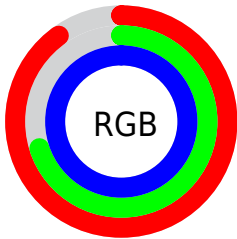
Format	Color
R _Y B	230, 179, 254
Decimal	15119358
CIE Lab	79.74, 31.55, -30.05
CIE LCh	80, 43.574, 316.398
Yxy	56.2170, 0.2976, 0.2510
Android (android.graphics.Color)	4293309438 (0xFFE6B3FE)
YUV	202.7990, 25.2421, 23.8553
Hunter-Lab	74.9780, 27.4639, -27.4594

Details

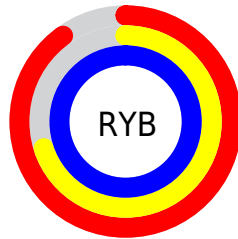
The YIQ color $202.7990, 6.3210, 34.1370$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $230.2010, -6.3210, -34.1370$, and the grayscale version is $203.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $243.2600, 5.5000, 10.4600$, and $148.4460, 5.8170, 32.2570$ is the 20% darker color. If you saturate the color by 10%, you get $185.7320, 8.4280, 45.5160$, and if you desaturate by 10%, it is $219.8660, 4.2140, 22.7580$.

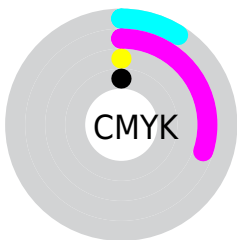
Distribution



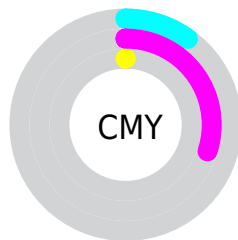
- Red (90%)
- Green (70%)
- Blue (100%)



- Red (90%)
- Yellow (70%)
- Blue (100%)



- Cyan (9%)
- Magenta (30%)
- Yellow (0%)
- Black (0%)



- Cyan (10%)
- Magenta (30%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 202.7990, 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 202.7990, 6.3210, 34.1370 by changing the saturation by 10% instead.

■ 202.7990, 6.3210,
34.1370

■ 202.7990, 6.3210,
34.1370

255.0000, -0.0000,
-0.0000

■ 175.2720, 6.3670,
33.3030

■ 243.2600, 5.5000,
10.4600

■ 148.4460, 5.8170,
32.2570

■ 122.0330, 5.5420,
31.7340

■ 96.7940, 4.7170,
30.1650

■ 71.9680, 4.1670,
29.1190

■ 48.1420, 3.6170,
28.0730

■ 24.1420, 3.6170,

28.0730

■ 13.6160, 1.9220,
20.2420

■ 3.3230, -7.9790,
6.9410

■ 202.7990, 6.3210,
34.1370

■ 202.7990, 6.3210,
34.1370

■ 185.7320, 8.4280,
45.5160

■ 219.8660, 4.2140,
22.7580

■ 168.0780, 10.8100,
57.4180

■ 237.5200, 1.8320,
10.8560

■ 151.0110, 12.9170,
68.7970

254.5870, -0.2750,
-0.5230

■ 133.3570, 15.2990,
80.6990

254.8860, 0.3210,
-0.3110

■ 115.9910, 16.8100,
91.8660

■ 98.9240, 18.9170,
103.2450

■ 81.2700, 21.2990,
115.1470

■ 80.6830, 21.5740,
115.6700

Harmonies

Analogous

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



195.2730, -30.9050, 14.9430



202.7990, 6.3210, 34.1370



199.7130, 35.8020, 33.9940

Triad

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



202.7990, 6.3210, 34.1370



196.2690, 52.8660, -10.9580



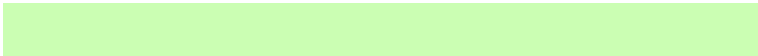
162.7880, -112.0480, -39.8560

Complementary

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



202.7990, 6.3210, 34.1370



230.2010, -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.



178.9410, -55.3790, -37.1310



202.7990, 6.3210, 34.1370



192.4240, 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.



202.7990, 6.3210, 34.1370



195.0440, 58.5940, 6.3860



187.0480, -10.2640, -34.2640



156.1610, -140.6590, -33.4510

Rectangle

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



202.7990, 6.3210, 34.1370



195.3470, 45.3400, 26.3320



187.0480, -10.2640, -34.2640



169.8630, -90.2700, -38.0620

Sweetspot

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



202.7990, 6.3210, 34.1370



239.4060, 2.1530, 10.5450



202.2250, -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.



202.7990, 6.3210, 34.1370



194.3850, 7.7870, 40.6110



208.4930, 24.7980, 35.1820



118.8740, 0.5950, 5.7390



60.6440, 16.1690, 86.9610



20.1530, 5.0840, 29.0200

Inverse Universe

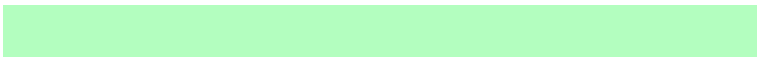
The Inverse Universe completely reimagines the original color for something new.



204.1610, 36.9960, 23.3640



195.8030, 44.0560, 27.5760



224.3930, -24.4770, -35.4930



119.3430, 6.4640, 4.0000



64.0630, 94.2550, 59.4630



21.4160, 31.7240, 19.7880

Previews

White Background



This preview shows how the YIQ color 202.7990, 6.3210, 34.1370 looks on a white background.

Color Contrast Check

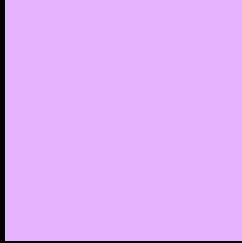
Large Text (above 18pt) WCAG AA × Fail

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 202.7990, 6.3210, 34.1370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

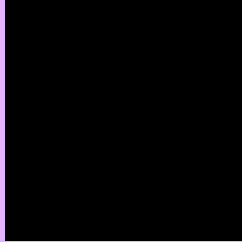
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 202.7990, 6.3210, 34.1370

Background



This preview shows how black text looks on a background with the YIQ color 202.7990, 6.3210, 34.1370.



This preview shows how white text looks on a background with the YIQ color 202.7990, 6.3210,

34.1370.

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

202.7990, 6.3210, 34.1370

Protanopia

198.5400, -27.2830, 15.3810

Deuteranopia

199.0030, -21.2770, 16.6670



Tritanopia

200.4630, 15.1740, 11.3500

Trichromacy



Original Color

202.7990, 6.3210, 34.1370



Protanomaly

200.1010, -15.5010, 22.1230



Deuteranomaly

200.6670, -11.2830, 22.7730



Tritanomaly

201.1780, 11.9630, 19.9870

Monochromacy



Original Color

202.7990, 6.3210, 34.1370



Achromatopsia

203.0000, 0.0000, -0.0000



Achromatomaly

202.8730, 2.3360, 12.7360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 202.7990, 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(230, 179, 254)` looks like.

```
.text, #text, p{  
    color:rgb(230, 179, 254)  
}
```

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(230, 179, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 179, 254) }
```

Border

The CSS property to change the border of an element to YIQ 202.7990, 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(230, 179, 254) }
```


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

```
.border{ border-color:rgb(230, 179, 254) }
```

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

Here you see how a box with a 4 pixel rgb(230, 179, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 179, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 179, 254);  
box-shadow:4px 4px 4px 4px rgb(230, 179,  
254) }
```

Background

The CSS property to change the background color of an element to YIQ 202.7990, 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(230, 179, 254) }
```

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

```
.background{ background-color: rgb(230,  
179, 254) }
```

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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