

Converting Colors

YIQ(217.0230, 2.3340, 23.7900)

Have a look what the booklet for
YIQ(217.0230, 2.3340, 23.7900)
contains.

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Color

**YIQ(217.0230, 2.3340,
23.7900)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | EAC9FF |
| RGB | 234, 201, 255 |
| RGB Percent | 92%, 79%, 100% |
| CMY | 0.0822, 0.2118, 0.0000 |
| CMYK | 0.08, 0.21, 0.00, 0.00 |
| HSL | 277°, 100%, 89% |
| HSV | 277°, 21%, 100% |
| XYZ | 72.8732, 66.4836, 103.5925 |
| YIQ | 217.0230, 2.3340, 23.7900 |

Conversions

Conversions Part 2

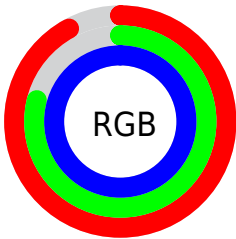
| Format | Color |
|-------------------------------------|--|
| RYB | 234, 201, 255 |
| Decimal | 15387135 |
| CIELab | 85.24, 21.24, -22.15 |
| CIELCh | 85, 30.688, 313.795 |
| Yxy | 66.4836, 0.3000, 0.2737 |
| Android (android.graphics.Color) | 4293577215 (0xFFEAC9FF) |
| YUV | 217.0230, 18.7227, 14.8888 |
| Hunter-Lab | 81.5375, 16.8417, -18.2511 |

Details

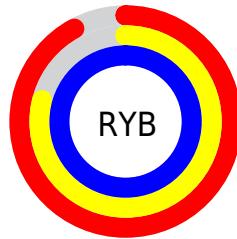
The YIQ color $217.0230, 2.3340, 23.7900$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $238.9770, -2.3340, -23.7900$, and the grayscale version is $217.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $162.0830, 2.1050, 22.4330$ is the 20% darker color. If you saturate the color by 10%, you get $198.7710, 3.5240, 35.2680$, and if you desaturate by 10%, it is $234.6880, 1.4190, 12.8350$.

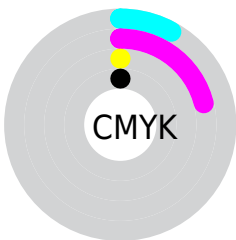
Distribution



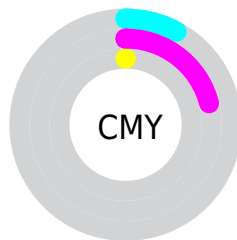
- Red (92%)
- Green (79%)
- Blue (100%)



- Red (92%)
- Yellow (79%)
- Blue (100%)



- Cyan (8%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)



- Cyan (8%)
- Magenta (21%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 217.0230, 2.3340, 23.7900 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 217.0230, 2.3340, 23.7900 by changing the saturation by 10% instead.

■ 217.0230, 2.3340,
23.7900

■ 217.0230, 2.3340,
23.7900

255.0000, -0.0000,
-0.0000

■ 189.4960, 2.3800,
22.9560

■ 162.0830, 2.1050,
22.4330

■ 135.6700, 1.8300,
21.9100

■ 110.1430, 1.8760,
21.0760

■ 85.3170, 1.3260,
20.0300

■ 61.9040, 1.0510,
19.5070

■ 39.0780, 0.5010,

18.4610

■ 17.2630, 1.4180,
18.3620

■ 3.5510, -8.6210,
7.5630

■ 217.0230, 2.3340,
23.7900

■ 217.0230, 2.3340,
23.7900

■ 198.7710, 3.5240,
35.2680

■ 234.6880, 1.4190,
12.8350

■ 181.1060, 4.4390,
46.2230

■ 252.9400, 0.2290,
1.3570

■ 162.8540, 5.6290,
57.7010

■ 255.0000, -0.0000,
-0.0000

■ 145.1890, 6.5440,
68.6560

■ 127.2360, 8.3300,
80.3460

■ 109.5710, 9.2450,
91.3010

■ 91.3190, 10.4350,
102.7790

■ 75.7140, 11.1210,
112.3770

Harmonies

Analogous

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



211.5310, -23.0640, 10.5040



217.0230, 2.3340, 23.7900



216.3430, 24.8000, 24.1280

Triad

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



217.0230, 2.3340, 23.7900



213.0860, 40.4400, -6.0240



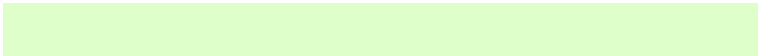
199.3560, -57.4450, -21.7090

Complementary

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



217.0230, 2.3340, 23.7900



238.9770, -2.3340, -23.7900

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.



202.5250, -33.2360, -25.4280



217.0230, 2.3340, 23.7900



209.7690, 21.9190, -17.2890

Square

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



217.0230, 2.3340, 23.7900



211.7200, 41.9510, 5.1430



206.4930, -3.8470, -23.9030



200.5480, -66.4330, -13.0010

Rectangle

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



217.0230, 2.3340, 23.7900



212.8890, 31.7700, 18.9540



206.4930, -3.8470, -23.9030



200.0100, -50.6590, -23.5470

Sweetspot

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



217.0230, 2.3340, 23.7900



244.4010, 0.5490, 6.5730



220.0700, -23.3840, 5.2880



121.5210, 0.0910, 3.8590



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.



217.0230, 2.3340, 23.7900



209.9570, 2.7000, 28.1720



222.7320, 16.4550, 26.6870



118.8740, 0.5950, 5.7390



56.7570, 8.4210, 84.2050



18.9570, 2.7000, 28.1720

Inverse Universe

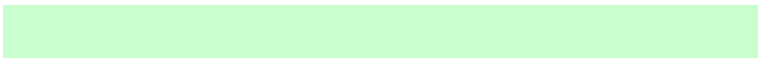
The Inverse Universe completely reimagines the original color for something new.



219.5400, 25.4430, 17.9790



212.9860, 30.1190, 21.3430



233.2680, -16.4550, -26.6870



119.4570, 6.1430, 4.3110



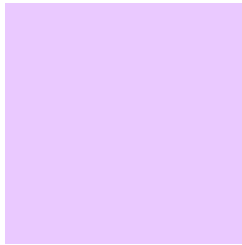
65.5450, 90.0820, 63.5060



21.9860, 30.1190, 21.3430

Previews

White Background



This preview shows how the YIQ color 217.0230, 2.3340, 23.7900 looks on a white background.

Color Contrast Check

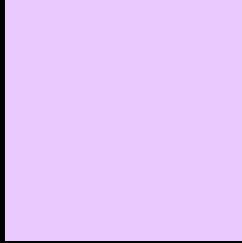
Large Text (above 18pt) WCAG AA × Fail

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 217.0230, 2.3340, 23.7900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

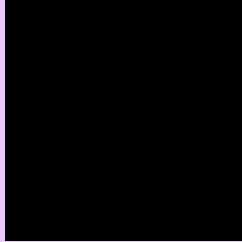
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 217.0230, 2.3340, 23.7900

Background



This preview shows how black text looks on a background with the YIQ color 217.0230, 2.3340, 23.7900.



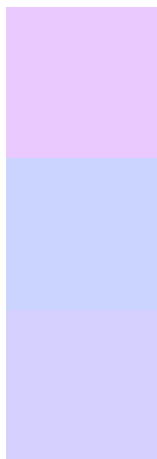
This preview shows how white text looks on a background with the YIQ color 217.0230, 2.3340,

23.7900.

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

217.0230, 2.3340, 23.7900

Protanopia

213.6240, -18.8920, 11.9880

Deuteranopia

215.0380, -11.1900, 15.5780



Tritanopia

215.4020, 7.9760, 9.6400

Trichromacy



Original Color

217.0230, 2.3340, 23.7900

Protanomaly

214.5650, -11.2360, 16.4120

Deuteranomaly

215.3700, -6.1930, 18.6310

Tritanomaly

216.1940, 5.8660, 14.8420

Monochromacy



Original Color

217.0230, 2.3340, 23.7900

Achromatopsia

217.0000, -0.0000, 0.0000

Achromatomaly

216.8680, 0.7320, 8.7640

CSS Examples

Text

The CSS property to change the color of the text to YIQ 217.0230, 2.3340, 23.7900 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(234, 201, 255)` looks like.

```
.text, #text, p{  
    color:rgb(234, 201, 255)  
}
```

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(234, 201, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 201, 255) }
```

Border

The CSS property to change the border of an element to YIQ 217.0230, 2.3340, 23.7900 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(234, 201, 255) }
```


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

```
.border{ border-color:rgb(234, 201, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 201, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 201, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 201, 255);  
box-shadow:4px 4px 4px 4px rgb(234, 201,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 217.0230, 2.3340, 23.7900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 201, 255) }
```

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

```
.background{ background-color: rgb(234,  
201, 255) }
```

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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