

Converting Colors

YIQ(219.3600, -0.2330, 20.7510)

Have a look what the booklet for
YIQ(219.3600, -0.2330, 20.7510)
contains.

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Color

**YIQ(219.3600, -0.2330,
20.7510)**

Conversions

Conversions Part 1

Format	Color
Hex	E8CEFF
RGB	232, 206, 255
RGB Percent	91%, 81%, 100%
CMY	0.0901, 0.1922, 0.0000
CMYK	0.09, 0.19, 0.00, 0.00
HSL	272°, 100%, 90%
HSV	272°, 19%, 100%
XYZ	73.4035, 68.5165, 103.9556
YIQ	219.3600, -0.2330, 20.7510

Conversions

Conversions Part 2

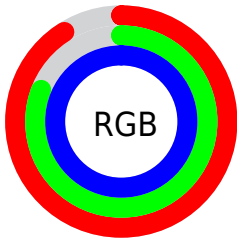
Format	Color
R _Y B	232, 206, 255
Decimal	15257343
CIE Lab	86.26, 17.94, -20.62
CIE LCh	86, 27.333, 311.029
Yxy	68.5165, 0.2985, 0.2787
Android (android.graphics.Color)	4293447423 (0xFFE8CEFF)
YUV	219.3600, 17.5705, 11.0853
Hunter-Lab	82.7747, 13.4356, -16.5192

Details

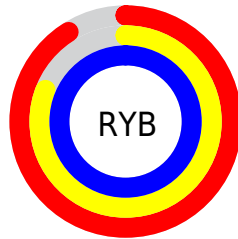
The YIQ color $219.3600, -0.2330, 20.7510$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $241.6400, 0.2330, -20.7510$, and the grayscale version is $219.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $164.4200, -0.4620, 19.3940$ is the 20% darker color. If you saturate the color by 10%, you get $200.5100, -0.2350, 31.8050$, and if you desaturate by 10%, it is $237.6230, 0.0440, 10.2200$.

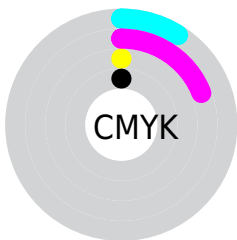
Distribution



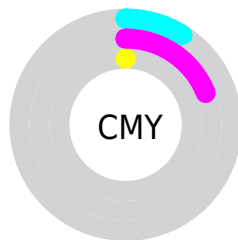
- Red (91%)
- Green (81%)
- Blue (100%)



- Red (91%)
- Yellow (81%)
- Blue (100%)



- Cyan (9%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)



- Cyan (9%)
- Magenta (19%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 219.3600, -0.2330, 20.7510 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 219.3600, -0.2330, 20.7510 by changing the saturation by 10% instead.

 219.3600, -0.2330,
20.7510

 219.3600, -0.2330,
20.7510


255.0000, -0.0000,
-0.0000


 191.2460, 0.0880,
20.4400

 164.4200, -0.4620,
19.3940

 138.0070, -0.7370,
18.8710

 112.4800, -0.6910,
18.0370

 87.3660, -0.3700,
17.7260

 64.5400, -0.9200,
16.6800

 41.7140, -1.4700,

15.6340

■ 20.1870, -1.4240,
14.8000

■ 2.9640, -8.3460,
8.0860

■ 219.3600, -0.2330,
20.7510

■ 219.3600, -0.2330,
20.7510

■ 200.5100, -0.2350,
31.8050

■ 237.6230, 0.0440,
10.2200

■ 182.2470, -0.5120,
42.3360

255.0000, -0.0000,
-0.0000

■ 163.3970, -0.5140,
53.3900

■ 145.1340, -0.7910,
63.9210

■ 126.2840, -0.7930,
74.9750

■ 108.0210, -1.0700,
85.5060

■ 89.7580, -1.3470,
96.0370

■ 70.9080, -1.3490,
107.0910

■ 69.4350, -1.3950,
107.9250

Harmonies

Analogous

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



214.4770, -22.9720, 8.8360



219.3600, -0.2330, 20.7510



219.6200, 22.4620, 22.4460

Triad

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



219.3600, -0.2330, 20.7510



216.4710, 37.9180, -4.3700



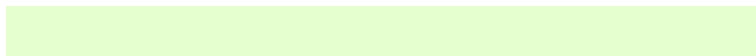
204.9010, -48.7340, -19.8860

Complementary

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



219.3600, -0.2330, 20.7510



241.6400, 0.2330, -20.7510

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.



206.9280, -27.0010, -22.7850



219.3600, -0.2330, 20.7510



213.4640, 21.4600, -14.4760

Square

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



219.3600, -0.2330, 20.7510



215.0940, 37.9620, 5.8500



210.7430, -1.5550, -21.3870



205.8650, -57.0800, -11.8000

Rectangle

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



219.3600, -0.2330, 20.7510



216.5080, 28.4690, 18.2050



210.7430, -1.5550, -21.3870



205.6690, -42.2690, -21.4130

Sweetspot

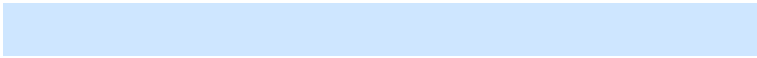
The Sweet Spot groups the original color and five complimentary colors.



219.3600, -0.2330, 20.7510



244.1020, -0.0470, 6.3610



225.6740, -22.3290, 2.6870



121.2220, -0.5050, 3.6470



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.



219.3600, -0.2330, 20.7510



212.2940, 0.1330, 25.1330



226.1230, 13.7960, 25.3160



118.5750, -0.0010, 5.5270



52.2720, -0.5190, 81.0250



17.4620, -0.2800, 27.1120

Inverse Universe

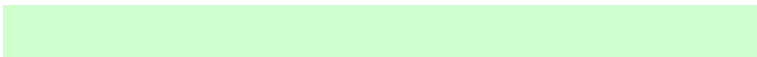
The Inverse Universe completely reimagines the original color for something new.



223.2730, 21.8210, 17.5410



216.8330, 26.1760, 21.2160



234.8770, -13.7960, -25.3160



119.5710, 5.8220, 4.6220



67.3690, 84.9460, 68.4820



22.5560, 28.5140, 22.8980

Previews

White Background



This preview shows how the YIQ color 219.3600, -0.2330, 20.7510 looks on a white background.

Color Contrast Check

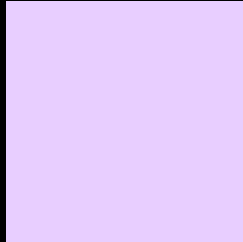
Large Text (above 18pt) WCAG AA × Fail

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 219.3600, -0.2330, 20.7510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

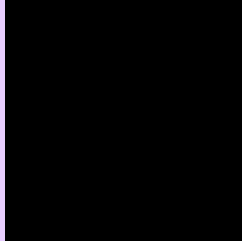
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 219.3600, -0.2330, 20.7510

Background



This preview shows how black text looks on a background with the YIQ color 219.3600, -0.2330, 20.7510.

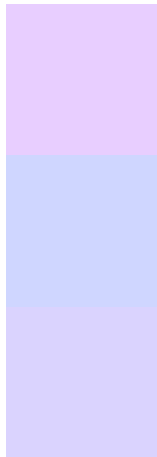


This preview shows how white text looks on a background with the YIQ color 219.3600, -0.2330,

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

219.3600, -0.2330, 20.7510

Protanopia

216.5810, -17.3330, 11.2670

Deuteranopia

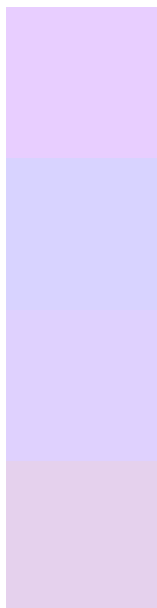
217.9950, -9.6310, 14.8570



Tritanopia

217.9070, 4.9960, 8.5800

Trichromacy



Original Color

219.3600, -0.2330, 20.7510

Protanomaly

217.5110, -11.1440, 14.7440

Deuteranomaly

218.3160, -6.1010, 16.9630

Tritanomaly

218.1720, 2.9320, 12.9480

Monochromacy



Original Color

219.3600, -0.2330, 20.7510

Achromatopsia

219.0000, 0.0000, -0.0000

Achromatomaly

219.0420, 0.1820, 7.7180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 219.3600, -0.2330, 20.7510 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(232, 206, 255)` looks like.

```
.text, #text, p{  
    color:rgb(232, 206, 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(232, 206, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 206, 255) }
```

Border

The CSS property to change the border of an element to YIQ 219.3600, -0.2330, 20.7510 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(232, 206, 255) }
```


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

```
.border{ border-color:rgb(232, 206, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 206, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 206, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 206, 255);  
box-shadow:4px 4px 4px 4px rgb(232, 206,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 219.3600, -0.2330, 20.7510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 206, 255) }
```

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

```
.background{ background-color: rgb(232,  
206, 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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