

Converting Colors

YIQ(213.7780, 1.6460, 25.2460)

Have a look what the booklet for
YIQ(213.7780, 1.6460, 25.2460)
contains.

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Color

**YIQ(213.7780, 1.6460,
25.2460)**

Conversions

Conversions Part 1

Format	Color
Hex	E7C5FF
RGB	231, 197, 255
RGB Percent	91%, 77%, 100%
CMY	0.0940, 0.2275, 0.0000
CMYK	0.09, 0.23, 0.00, 0.00
HSL	275°, 100%, 89%
HSV	275°, 23%, 100%
XYZ	70.9761, 64.1393, 103.2388
YIQ	213.7780, 1.6460, 25.2460

Conversions

Conversions Part 2

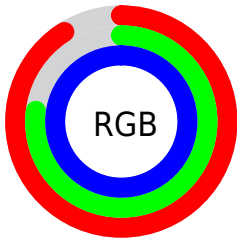
Format	Color
R _Y B	231, 197, 255
Decimal	15189503
CIE Lab	84.04, 22.42, -24.00
CIE LCh	84, 32.847, 313.051
Yxy	64.1393, 0.2978, 0.2691
Android (android.graphics.Color)	4293379583 (0xFFE7C5FF)
YUV	213.7780, 20.3224, 15.1037
Hunter-Lab	80.0870, 18.0410, -20.3687

Details

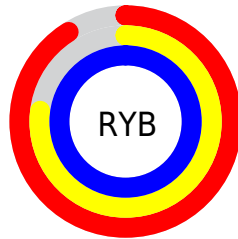
The YIQ color $213.7780, 1.6460, 25.2460$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $238.2220, -1.6460, -25.2460$, and the grayscale version is $214.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $254.4130, 0.2750, 0.5230$, and $158.8380, 1.4170, 23.8890$ is the 20% darker color. If you saturate the color by 10%, you get $195.2270, 2.2400, 36.5120$, and if you desaturate by 10%, it is $231.7420, 1.3270, 14.5030$.

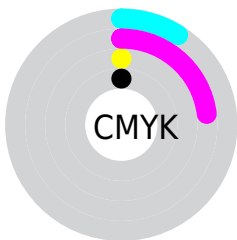
Distribution



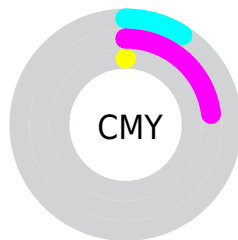
- Red (91%)
- Green (77%)
- Blue (100%)



- Red (91%)
- Yellow (77%)
- Blue (100%)



- Cyan (9%)
- Magenta (23%)
- Yellow (0%)
- Black (0%)



- Cyan (9%)
- Magenta (23%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 213.7780, 1.6460, 25.2460 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 213.7780, 1.6460, 25.2460 by changing the saturation by 10% instead.

213.7780, 1.6460,
25.2460

213.7780, 1.6460,
25.2460

255.0000, -0.0000,
-0.0000

186.2510, 1.6920,
24.4120

254.4130, 0.2750,
0.5230

158.8380, 1.4170,
23.8890

132.4250, 1.1420,
23.3660

106.8980, 1.1880,
22.5320

82.6590, 0.3630,
20.9630

59.1320, 0.4090,
20.1290

36.4200, -0.4620,

19.3940

■ 13.4310, 1.0050,
20.3410

■ 3.5510, -8.6210,
7.5630

■ 213.7780, 1.6460,
25.2460

■ 213.7780, 1.6460,
25.2460

■ 195.2270, 2.2400,
36.5120

■ 231.7420, 1.3270,
14.5030

■ 177.5620, 3.1550,
47.4670

■ 249.9940, 0.1370,
3.0250

■ 159.0110, 3.7490,
58.7330

■ 255.0000, -0.0000,
-0.0000

■ 141.3460, 4.6640,
69.6880

■ 122.7950, 5.2580,
80.9540

■ 105.1300, 6.1730,
91.9090

■ 86.5790, 6.7670,
103.1750

■ 73.9200, 7.5450,
111.1050

Harmonies

Analogous

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



207.9760, -25.8150, 10.8010



213.7780, 1.6460, 25.2460



213.1800, 26.8170, 26.1210

Triad

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



213.7780, 1.6460, 25.2460



209.6410, 43.1910, -6.3210



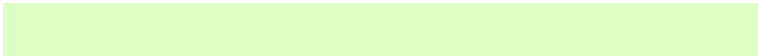
194.4370, -62.1670, -24.2390

Complementary

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



213.7780, 1.6460, 25.2460



238.2220, -1.6460, -25.2460

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.



198.6880, -35.2530, -27.4210



213.7780, 1.6460, 25.2460



206.6120, 23.7990, -18.3210

Square

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



213.7780, 1.6460, 25.2460



208.2150, 44.9310, 6.2030



202.5530, -4.0760, -25.2600



194.7860, -73.0350, -14.4990

Rectangle

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



213.7780, 1.6460, 25.2460



209.7260, 33.7870, 20.9470



202.5530, -4.0760, -25.2600



195.3900, -54.7850, -25.8650

Sweetspot

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



213.7780, 1.6460, 25.2460



242.3410, 0.7780, 7.9300



217.7000, -25.2180, 5.4860



120.0480, 0.0450, 4.6930



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.



213.7780, 1.6460, 25.2460



206.1250, 2.2870, 30.1510



220.3840, 17.5550, 28.7790



118.5750, -0.0010, 5.5270



55.2620, 5.4410, 83.1450



18.3590, 1.5080, 27.7480

Inverse Universe

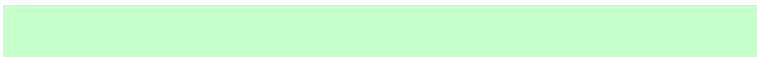
The Inverse Universe completely reimagines the original color for something new.



217.0780, 26.8640, 19.7600



209.9370, 31.8150, 23.6470



231.6160, -17.5550, -28.7790



119.4570, 6.1430, 4.3110



66.1150, 88.4770, 65.0610



22.1000, 29.7980, 21.6540

Previews

White Background



This preview shows how the YIQ color 213.7780, 1.6460, 25.2460 looks on a white background.

Color Contrast Check

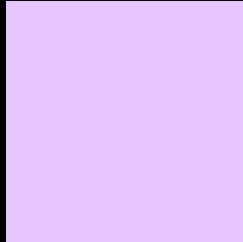
Large Text (above 18pt) WCAG AA × Fail

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 213.7780, 1.6460, 25.2460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

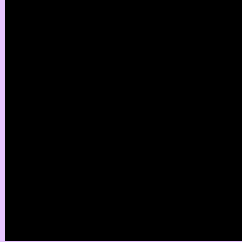
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 213.7780, 1.6460, 25.2460

Background



This preview shows how black text looks on a background with the YIQ color 213.7780, 1.6460, 25.2460.

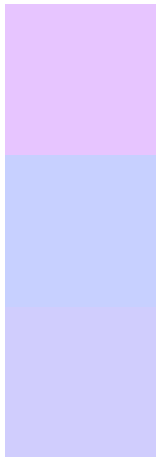


This preview shows how white text looks on a background with the YIQ color 213.7780, 1.6460,

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

213.7780, 1.6460, 25.2460

Protanopia

210.6670, -20.4510, 12.7090

Deuteranopia

211.3690, -13.6200, 15.5640



Tritanopia

211.4020, 7.9760, 9.6400

Trichromacy



Original Color

213.7780, 1.6460, 25.2460

Protanomaly

211.9070, -12.1990, 17.3450

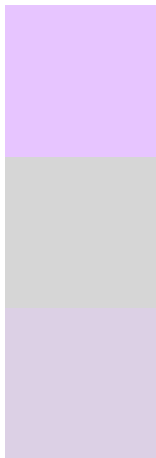
Deuteranomaly

212.1140, -8.3480, 19.1400

Tritanomaly

212.3080, 5.5450, 15.1530

Monochromacy



Original Color

213.7780, 1.6460, 25.2460

Achromatopsia

214.0000, -0.0000, 0.0000

Achromatomaly

213.9820, 0.4110, 9.0750

CSS Examples

Text

The CSS property to change the color of the text to YIQ 213.7780, 1.6460, 25.2460 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(231, 197, 255)` looks like.

```
.text, #text, p{  
    color:rgb(231, 197, 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(231, 197, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 197, 255) }
```

Border

The CSS property to change the border of an element to YIQ 213.7780, 1.6460, 25.2460 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(231, 197, 255) }
```


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

```
.border{ border-color:rgb(231, 197, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 197, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 197, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 197, 255);  
box-shadow:4px 4px 4px 4px rgb(231, 197,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 213.7780, 1.6460, 25.2460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 197, 255) }
```

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

```
.background{ background-color: rgb(231,  
197, 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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