

Converting Colors

YIQ(237.3900, 8.2500, 15.6900)

Have a look what the booklet for
YIQ(237.3900, 8.2500, 15.6900)
contains.

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Color

**YIQ(237.3900, 8.2500,
15.6900)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE1FF
RGB	255, 225, 255
RGB Percent	100%, 88%, 100%
CMY	0.0000, 0.1177, 0.0000
CMYK	0.00, 0.12, 0.00, 0.00
HSL	300°, 100%, 94%
HSV	300°, 12%, 100%
XYZ	86.2118, 82.3237, 105.9539
YIQ	237.3900, 8.2500, 15.6900

Conversions

Conversions Part 2

Format	Color
R _Y B	255, 225, 255
Decimal	16769535
CIE Lab	92.72, 15.39, -10.75
CIE LCh	93, 18.771, 325.076
Yxy	82.3237, 0.3141, 0.2999
Android (android.graphics.Color)	4294959615 (0xFFFFE1FF)
YUV	237.3900, 8.6817, 15.4440
Hunter-Lab	90.7324, 10.8249, -5.7240

Details

The YIQ color $237.3900, 8.2500, 15.6900$ is a light color, and the websafe version is hex $FFCCFF$. A complement of this color would be $242.6100, -8.2500, -15.6900$, and the grayscale version is $237.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $181.5640, 7.7000, 14.6440$ is the 20% darker color. If you saturate the color by 10%, you get $222.1280, 15.4000, 29.2880$, and if you desaturate by 10%, it is $252.0650, 1.3750, 2.6150$.

Distribution



- Red (100%)
- Green (88%)
- Blue (100%)



- Red (100%)
- Yellow (88%)
- Blue (100%)



- Cyan (0%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)



- Cyan (0%)
- Magenta (12%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 237.3900, 8.2500, 15.6900 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 237.3900, 8.2500, 15.6900 by changing the saturation by 10% instead.

 237.3900, 8.2500,
15.6900


 237.3900, 8.2500,
15.6900

255.0000, -0.0000,
-0.0000


 208.9770, 7.9750,
15.1670

 181.5640, 7.7000,
14.6440

 154.5640, 7.7000,
14.6440

 128.1510, 7.4250,
14.1210

 103.4390, 6.5540,
13.3860

 79.0260, 6.2790,
12.8630

 55.9120, 6.6000,

12.5520

■ 34.2000, 5.7290,
11.8170

■ 11.4500, 8.0210,
14.3330

■ 237.3900, 8.2500,
15.6900

■ 237.3900, 8.2500,
15.6900

■ 222.1280, 15.4000,
29.2880

■ 252.0650, 1.3750,
2.6150

■ 207.4530, 22.2750,
42.3630

255.0000, -0.0000,
-0.0000

■ 192.1910, 29.4250,
55.9610

■ 177.5160, 36.3000,
69.0360

■ 162.2540, 43.4500,
82.6340

■ 147.5790, 50.3250,
95.7090

■ 132.3170, 57.4750,
109.3070

■ 117.6420, 64.3500,
122.3820

■ 105.3150, 70.1250,
133.3650

Harmonies

Analogous

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



234.0460, -5.6410, 8.6230



237.3900, 8.2500, 15.6900



233.6910, 14.5320, 11.9720

Triad

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



237.3900, 8.2500, 15.6900



234.1040, 22.8340, -6.3340



227.5270, -35.5770, -10.5290

Complementary

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



237.3900, 8.2500, 15.6900



242.6100, -8.2500, -15.6900

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.



228.3400, -24.9850, -15.2650



237.3900, 8.2500, 15.6900



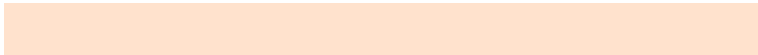
231.9880, 8.3010, -12.7790

Square

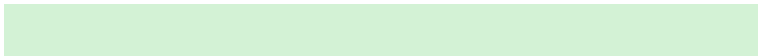
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



237.3900, 8.2500, 15.6900



232.2770, 24.0250, -0.3830



229.4250, -9.1670, -15.5910



228.8310, -33.3770, -6.3450

Rectangle

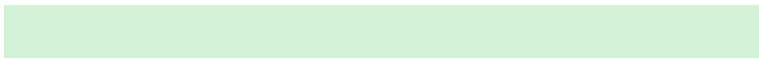
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



237.3900, 8.2500, 15.6900



232.2090, 18.7050, 7.9290



229.4250, -9.1670, -15.5910



227.7290, -33.3300, -12.7060

Sweetspot

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



237.3900, 8.2500, 15.6900



249.1300, 2.7500, 5.2300



228.4200, -9.6300, 9.3300



123.8910, 1.9250, 3.6610



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.



237.3900, 8.2500, 15.6900



233.8680, 9.9000, 18.8280



235.6800, 13.0650, 11.0250



120.3690, 3.5750, 6.7990



78.8830, 52.5250, 99.8930



26.4320, 17.6000, 33.4720

Inverse Universe

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



237.3900, 8.2500, 15.6900



233.8680, 9.9000, 18.8280



244.3200, -13.0650, -11.0250



120.3690, 3.5750, 6.7990



78.8830, 52.5250, 99.8930



26.4320, 17.6000, 33.4720

Previews

White Background



This preview shows how the YIQ color 237.3900, 8.2500, 15.6900 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 237.3900, 8.2500, 15.6900 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 237.3900, 8.2500, 15.6900

Background



This preview shows how black text looks on a background with the YIQ color 237.3900, 8.2500, 15.6900.



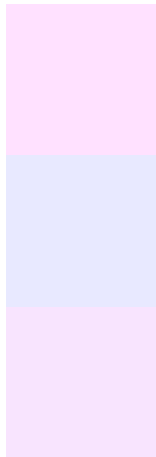
This preview shows how white text looks on a background with the YIQ color 237.3900, 8.2500,

15.6900.

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

237.3900, 8.2500, 15.6900

Protanopia

235.2090, -7.6580, 6.6300

Deuteranopia

236.9440, 3.5740, 12.3260



Tritanopia

236.8260, 9.7180, 11.1100

Trichromacy



Original Color

237.3900, 8.2500, 15.6900

Protanomaly

235.8400, -2.0650, 9.8950

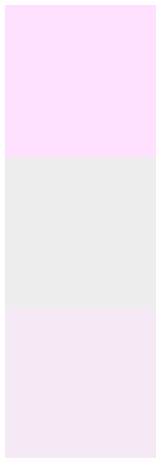
Deuteranomaly

237.2540, 5.6370, 13.4850

Tritanomaly

236.9940, 9.3050, 13.0890

Monochromacy



Original Color

237.3900, 8.2500, 15.6900

Achromatopsia

237.0000, -0.0000, -0.0000

Achromatomaly

237.5430, 3.0250, 5.7530

CSS Examples

Text

The CSS property to change the color of the text to YIQ 237.3900, 8.2500, 15.6900 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(255, 225, 255)` looks like.

```
.text, #text, p{  
    color:rgb(255, 225, 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(255, 225, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 225, 255) }
```

Border

The CSS property to change the border of an element to YIQ 237.3900, 8.2500, 15.6900 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(255, 225, 255) }
```


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

```
.border{ border-color:rgb(255, 225, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 225, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 225, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 225, 255);  
box-shadow:4px 4px 4px 4px rgb(255, 225,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 237.3900, 8.2500, 15.6900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 225, 255) }
```

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

```
.background{ background-color: rgb(255,  
225, 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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