

Converting Colors

YIQ(198.5600, 14.6640, 42.6320)

Have a look what the booklet for
YIQ(198.5600, 14.6640, 42.6320)
contains.

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Color

**YIQ(198.5600, 14.6640,
42.6320)**

Conversions

Conversions Part 1

Format	Color
Hex	EFA7FF
RGB	239, 167, 255
RGB Percent	94%, 65%, 100%
CMY	0.0625, 0.3452, 0.0000
CMYK	0.06, 0.35, 0.00, 0.00
HSL	289°, 100%, 83%
HSV	289°, 35%, 100%
XYZ	67.4789, 53.2070, 101.3191
YIQ	198.5600, 14.6640, 42.6320

Conversions

Conversions Part 2

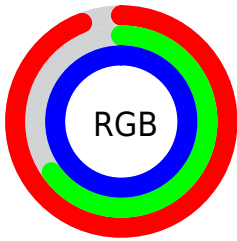
Format	Color
R _Y B	239, 167, 255
Decimal	15706111
CIE Lab	78.00, 40.89, -33.19
CIE LCh	78, 52.664, 320.929
Yxy	53.2070, 0.3040, 0.2397
Android (android.graphics.Color)	4293896191 (0xFFEFA7FF)
YUV	198.5600, 27.8249, 35.4659
Hunter-Lab	72.9431, 37.4778, -31.2944

Details

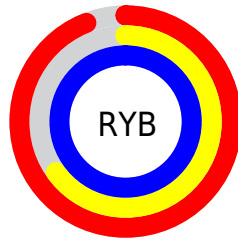
The YIQ color $198.5600, 14.6640, 42.6320$ is a light color, and the websafe version is hex $FF99FF$. A complement of this color would be $223.4400, -14.6640, -42.6320$, and the grayscale version is $198.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $236.2160, 8.8000, 16.7360$, and $143.9080, 13.5640, 40.5400$ is the 20% darker color. If you saturate the color by 10%, you get $181.8030, 18.8340, 55.1700$, and if you desaturate by 10%, it is $214.7300, 10.7690, 30.6170$.

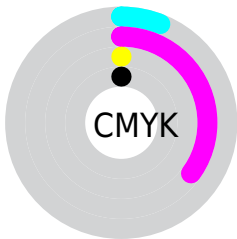
Distribution



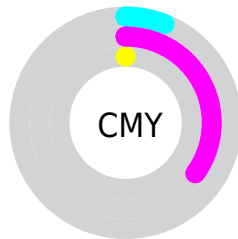
- Red (94%)
- Green (65%)
- Blue (100%)



- Red (94%)
- Yellow (65%)
- Blue (100%)



- Cyan (6%)
- Magenta (35%)
- Yellow (0%)
- Black (0%)





- Cyan (6%)
- Magenta (35%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 198.5600, 14.6640, 42.6320 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 198.5600, 14.6640, 42.6320 by changing the saturation by 10% instead.


 198.5600, 14.6640,
42.6320


 198.5600, 14.6640,
42.6320


255.0000, -0.0000,
-0.0000


 170.7340, 14.1140,
41.5860


 236.2160, 8.8000,
16.7360


 143.9080, 13.5640,
40.5400

 253.2390, 0.8250,
1.5690

 117.1960, 12.6930,
39.8050

 91.3700, 12.1430,
38.7590

 65.9570, 11.8680,
38.2360

 38.8970, 12.0970,
39.5930

 22.8160, 7.6510,

32.0590

■ 14.2140, 3.1140,
20.6660

■ 3.3230, -7.9790,
6.9410

■ 198.5600, 14.6640,
42.6320

■ 198.5600, 14.6640,
42.6320

■ 181.8030, 18.8340,
55.1700

■ 214.7300, 10.7690,
30.6170

■ 165.9320, 23.3250,
67.3970

■ 231.1880, 6.0030,
17.8670

■ 149.1750, 27.4950,
79.9350

■ 247.3580, 2.1080,
5.8520

■ 133.3040, 31.9860,
92.1620

■ 255.0000, -0.0000,
-0.0000

■ 116.5470, 36.1560,
104.7000

■ 100.3770, 40.0510,
116.7150

■ 91.5610, 42.7090,
123.6130

Harmonies

Analogous

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



189.9790, -29.8970, 18.7030



198.5600, 14.6640, 42.6320



190.5830, 42.2200, 38.8280

Triad

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



198.5600, 14.6640, 42.6320



189.5760, 59.0110, -17.7010



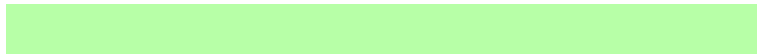
153.7300, -132.4960, -43.7280

Complementary

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



198.5600, 14.6640, 42.6320



223.4400, -14.6640, -42.6320

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.



159.1040, -92.9270, -50.4870



198.5600, 14.6640, 42.6320



185.3710, 25.3150, -34.7890

Square

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



198.5600, 14.6640, 42.6320



187.8400, 67.8560, 3.7280



177.7320, -21.3580, -42.4620



154.1010, -140.4300, -32.0940

Rectangle

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



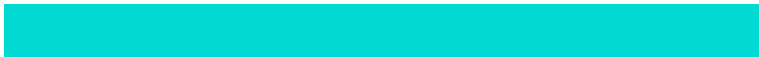
198.5600, 14.6640, 42.6320



185.6470, 53.3630, 29.6110



177.7320, -21.3580, -42.4620



151.9060, -127.3600, -48.7040

Sweetspot

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



198.5600, 14.6640, 42.6320



238.8300, 3.8950, 12.0150



186.4240, -32.6480, 19.0000



117.7110, 2.6120, 7.7320



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.



198.5600, 14.6640, 42.6320



187.6840, 17.5510, 50.8870



200.1520, 33.1880, 37.3160



119.4720, 1.7870, 6.1630



68.7170, 32.2610, 92.6850



22.8440, 10.4480, 30.9280

Inverse Universe

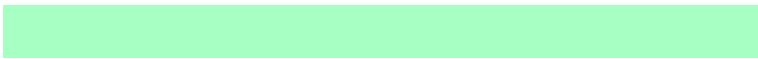
The Inverse Universe completely reimagines the original color for something new.



195.1360, 47.3120, 23.6320



183.5610, 56.4810, 28.1690



221.8480, -33.1880, -37.3160



119.1150, 7.1060, 3.3780



61.0990, 102.6010, 51.3770



20.5040, 34.2920, 17.3000

Previews

White Background



This preview shows how the YIQ color 198.5600, 14.6640, 42.6320 looks on a white background.

Color Contrast Check

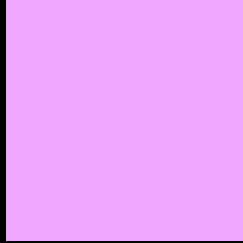
Large Text (above 18pt) WCAG AA × Fail

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 198.5600, 14.6640, 42.6320 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 198.5600, 14.6640, 42.6320

Background



This preview shows how black text looks on a background with the YIQ color 198.5600, 14.6640, 42.6320.



This preview shows how white text looks on a background with the YIQ color 198.5600, 14.6640,

42.6320.

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

198.5600, 14.6640, 42.6320

Protanopia

193.5120, -30.0800, 16.5120

Deuteranopia

194.2630, -24.9450, 17.0630



Tritanopia

195.8450, 25.9020, 15.1660

Trichromacy



Original Color

198.5600, 14.6640, 42.6320



Protanomaly

195.1060, -13.8970, 26.0950



Deuteranomaly

195.9600, -10.5500, 26.0100

Tritanomaly

197.0160, 21.4070, 25.0470

Monochromacy



Original Color

198.5600, 14.6640, 42.6320



Achromatopsia

199.0000, -0.0000, 0.0000



Achromatomaly

198.7210, 5.8200, 15.6760

CSS Examples

Text

The CSS property to change the color of the text to YIQ 198.5600, 14.6640, 42.6320 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(239, 167, 255)` looks like.

```
.text, #text, p{  
    color:rgb(239, 167, 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(239, 167, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 167, 255) }
```

Border

The CSS property to change the border of an element to YIQ 198.5600, 14.6640, 42.6320 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(239, 167, 255) }
```


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

```
.border{ border-color:rgb(239, 167, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 167, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 167, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 167, 255);  
box-shadow:4px 4px 4px 4px rgb(239, 167,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 198.5600, 14.6640, 42.6320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 167, 255) }
```

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

```
.background{ background-color: rgb(239,  
167, 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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