

Converting Colors

YIQ(202.3920, 15.0770, 40.6530)

Have a look what the booklet for
YIQ(202.3920, 15.0770, 40.6530)
contains.

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Color

**YIQ(202.3920, 15.0770,
40.6530)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F2ACFF |
| RGB | 242, 172, 255 |
| RGB Percent | 95%, 67%, 100% |
| CMY | 0.0508, 0.3256, 0.0000 |
| CMYK | 0.05, 0.33, 0.00, 0.00 |
| HSL | 291°, 100%, 84% |
| HSV | 291°, 33%, 100% |
| XYZ | 69.4338, 55.6010, 101.6793 |
| YIQ | 202.3920, 15.0770, 40.6530 |

Conversions

Conversions Part 2

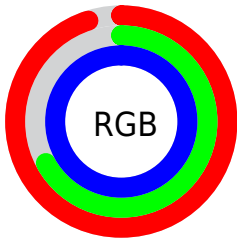
| Format | Color |
|-------------------------------------|---|
| RYB | 242, 172, 255 |
| Decimal | 15903999 |
| CIELab | 79.39, 39.17, -31.03 |
| CIElCh | 79, 49.968, 321.611 |
| Yxy | 55.6010, 0.3063, 0.2452 |
| Android (android.graphics.Color) | 4294094079 (0xFFFF2ACFF) |
| YUV | 202.3920, 25.9357, 34.7362 |
| Hunter-Lab | 74.5660, 35.7237, -28.6524 |

Details

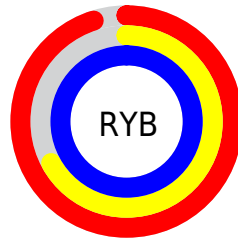
The YIQ color **202.3920, 15.0770, 40.6530** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **224.6080, -15.0770, -40.6530**, and the grayscale version is **202.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **239.1510, 7.4250, 14.1210**, and **147.7400, 13.9770, 38.5610** is the 20% darker color. If you saturate the color by 10%, you get **185.9340, 19.8430, 53.4030**, and if you desaturate by 10%, it is **218.2630, 10.5860, 28.4260**.

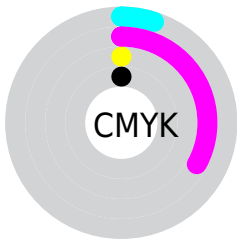
Distribution



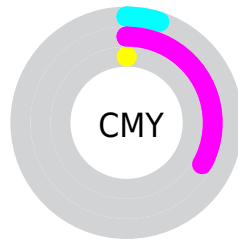
- Red (95%)
- Green (67%)
- Blue (100%)



- Red (95%)
- Yellow (67%)
- Blue (100%)



- Cyan (5%)
- Magenta (33%)
- Yellow (0%)
- Black (0%)





- Cyan (5%)
- Magenta (33%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 202.3920, 15.0770, 40.6530 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 202.3920, 15.0770, 40.6530 by changing the saturation by 10% instead.


 202.3920, 15.0770,
40.6530


 202.3920, 15.0770,
40.6530


255.0000, -0.0000,
-0.0000


 174.5660, 14.5270,
39.6070


 239.1510, 7.4250,
14.1210

 147.1530, 14.2520,
39.0840

 121.0280, 13.1060,
37.8260

 95.2020, 12.5560,
36.7800

 69.7890, 12.2810,
36.2570

 43.9030, 11.9600,
36.5680

 24.0120, 10.0350,

32.9070

■ 15.5240, 5.1770,
21.8250

■ 3.3230, -7.9790,
6.9410

■ 202.3920, 15.0770,
40.6530

■ 202.3920, 15.0770,
40.6530

■ 185.9340, 19.8430,
53.4030

■ 218.2630, 10.5860,
28.4260

■ 170.0630, 24.3340,
65.6300

■ 234.7210, 5.8200,
15.6760

■ 153.6050, 29.1000,
78.3800

■ 250.5920, 1.3290,
3.4490

■ 137.7340, 33.5910,
90.6070

■ 255.0000, -0.0000,
-0.0000

■ 121.2760, 38.3570,
103.3570

■ 105.4050, 42.8480,
115.5840

■ 93.3550, 46.2850,
124.8850

Harmonies

Analogous

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



194.7190, -26.2290, 18.3070



202.3920, 15.0770, 40.6530



194.3330, 39.9280, 36.3120

Triad

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



202.3920, 15.0770, 40.6530



193.5480, 56.2140, -16.5700



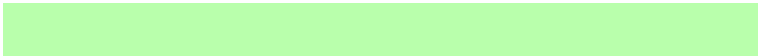
155.8330, -134.2840, -44.3640

Complementary

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



202.3920, 15.0770, 40.6530



224.6080, -15.0770, -40.6530

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.



168.4260, -81.9700, -45.3140



202.3920, 15.0770, 40.6530



189.4680, 23.6640, -32.4000

Square

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



202.3920, 15.0770, 40.6530



192.0460, 64.2800, 2.4560



183.0850, -20.8540, -40.5820



155.8620, -141.2550, -33.6630

Rectangle

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



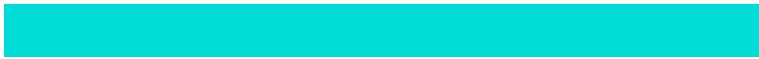
202.3920, 15.0770, 40.6530



190.0980, 50.4750, 26.8830



183.0850, -20.8540, -40.5820



154.1230, -129.4690, -49.0290

Sweetspot

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



202.3920, 15.0770, 40.6530



239.1290, 4.4910, 12.2270



189.6800, -30.4930, 18.4910



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.



202.3920, 15.0770, 40.6530



192.1030, 17.6890, 48.3850



203.0870, 31.8130, 34.7010



119.7710, 2.3830, 6.3750



69.9130, 34.6450, 93.5330



23.4420, 11.6400, 31.3520

Inverse Universe

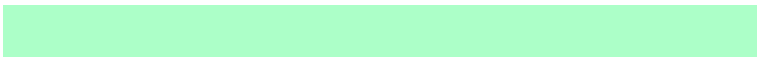
The Inverse Universe completely reimagines the original color for something new.



198.2990, 45.2950, 21.6390



187.3110, 54.1890, 25.6530



223.9130, -31.8130, -34.7010



119.1150, 7.1060, 3.3780



60.5290, 104.2060, 49.8220



20.2760, 34.9340, 16.6780

Previews

White Background



This preview shows how the YIQ color 202.3920, 15.0770, 40.6530 looks on a white background.

Color Contrast Check

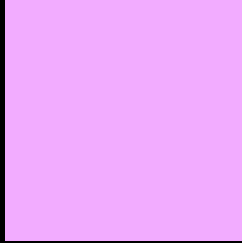
Large Text (above 18pt) WCAG AA × Fail

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 202.3920, 15.0770, 40.6530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

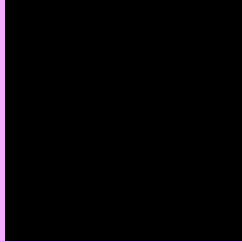
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 202.3920, 15.0770, 40.6530

Background



This preview shows how black text looks on a background with the YIQ color 202.3920, 15.0770, 40.6530.



This preview shows how white text looks on a background with the YIQ color 202.3920, 15.0770,

40.6530.

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

202.3920, 15.0770, 40.6530

Protanopia

197.3550, -28.2000, 15.4800

Deuteranopia

198.1170, -21.5980, 16.9780



Tritanopia

199.9590, 25.5810, 15.4770

Trichromacy



Original Color

202.3920, 15.0770, 40.6530



Protanomaly

199.5360, -12.2920, 24.5400



Deuteranomaly

199.5150, -7.7990, 25.7130



Tritanomaly

200.9020, 21.7280, 24.7360

Monochromacy



Original Color

202.3920, 15.0770, 40.6530



Achromatopsia

202.0000, -0.0000, 0.0000



Achromatomaly

202.1940, 5.8660, 14.8420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 202.3920, 15.0770, 40.6530 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(242, 172, 255)` looks like.

```
.text, #text, p{  
    color:rgb(242, 172, 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(242, 172, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 172, 255) }
```

Border

The CSS property to change the border of an element to YIQ 202.3920, 15.0770, 40.6530 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(242, 172, 255) }
```


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

```
.border{ border-color:rgb(242, 172, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 172, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 172, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 172, 255);  
box-shadow:4px 4px 4px 4px rgb(242, 172,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 202.3920, 15.0770, 40.6530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 172, 255) }
```

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

```
.background{ background-color: rgb(242,  
172, 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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