

Converting Colors

YIQ(194.1540, 21.6790, 42.1510)

Have a look what the booklet for
YIQ(194.1540, 21.6790, 42.1510)
contains.

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Color

**YIQ(194.1540, 21.6790,
42.1510)**

Conversions

Conversions Part 1

Format	Color
Hex	F1A1F2
RGB	241, 161, 242
RGB Percent	95%, 63%, 95%
CMY	0.0547, 0.3687, 0.0510
CMYK	0.00, 0.33, 0.00, 0.05
HSL	299°, 76%, 79%
HSV	299°, 33%, 95%
XYZ	65.0635, 50.6008, 90.3468
YIQ	194.1540, 21.6790, 42.1510

Conversions

Conversions Part 2

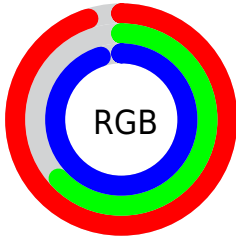
Format	Color
R _{YB}	241, 161, 242
Decimal	15835634
CIE Lab	76.44, 42.23, -28.56
CIE LCh	76, 50.980, 325.923
Yxy	50.6008, 0.3158, 0.2456
Android (android.graphics.Color)	4294025714 (0xFFFF1A1F2)
YUV	194.1540, 23.5881, 41.0839
Hunter-Lab	71.1342, 38.7816, -25.5096

Details

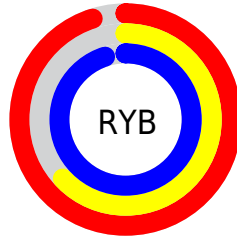
The YIQ color $194.1540, 21.6790, 42.1510$ is a light color, and the websafe version is hex $FF99FF$. A complement of this color would be $208.8460, -21.6790, -42.1510$, and the grayscale version is $194.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $232.6940, 10.4500, 19.8740$, and $139.6160, 20.2580, 40.3700$ is the 20% darker color. If you saturate the color by 10%, you get $180.0660, 28.2790, 54.7030$, and if you desaturate by 10%, it is $208.2420, 15.0790, 29.5990$.

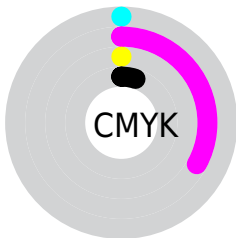
Distribution



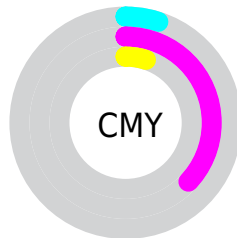
- Red (95%)
- Green (63%)
- Blue (95%)



- Red (95%)
- Yellow (63%)
- Blue (95%)



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



- Cyan (5%)
- Magenta (37%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 194.1540, 21.6790, 42.1510 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 194.1540, 21.6790, 42.1510 by changing the saturation by 10% instead.

194.1540, 21.6790,
42.1510

194.1540, 21.6790,
42.1510

255.0000, -0.0000,
-0.0000

166.3280, 21.1290,
41.1050

232.6940, 10.4500,
19.8740

139.6160, 20.2580,
40.3700

249.7170, 2.4750,
4.7070

112.9040, 19.3870,
39.6350

87.0780, 18.8370,
38.5890

61.1920, 18.5160,
38.9000

32.3710, 19.5700,
41.8260

22.2740, 12.0530,

29.3730

■ 13.1880, 6.0030,
17.8670

■ 1.3680, -3.8520,
3.7320

■ 194.1540, 21.6790,
42.1510

■ 194.1540, 21.6790,
42.1510

■ 180.0660, 28.2790,
54.7030

■ 208.2420, 15.0790,
29.5990

■ 165.6790, 34.2830,
67.0430

■ 222.6290, 9.0750,
17.2590

■ 151.0040, 41.1580,
80.1180

■ 237.3040, 2.2000,
4.1840

■ 136.9160, 47.7580,
92.6700

■ 249.6310, -3.5750,
-6.7990

■ 122.8280, 54.3580,
105.2220

■ 249.9300, -2.9790,
-6.5870

■ 108.4410, 60.3620,
117.5620

■ 250.2290, -2.3830,
-6.3750

■ 99.0490, 64.7620,
125.9300

Harmonies

Analogous

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



188.5610, -22.6080, 24.2720



194.1540, 21.6790, 42.1510



186.7530, 47.4930, 36.8770

Triad

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



194.1540, 21.6790, 42.1510



185.1730, 52.7760, -20.3440



150.4360, -131.4880, -39.9680

Complementary

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



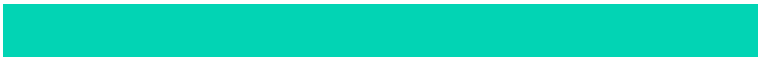
194.1540, 21.6790, 42.1510



208.8460, -21.6790, -42.1510

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.



145.5620, -114.8880, -54.4720



194.1540, 21.6790, 42.1510



180.3640, 18.0250, -34.8310

Square

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



194.1540, 21.6790, 42.1510



187.0420, 70.1030, 1.5510



172.9530, -29.2900, -41.8820



150.5790, -138.7800, -28.9560

Rectangle

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



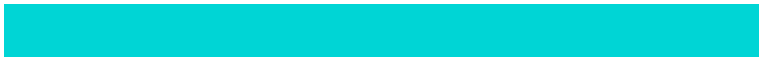
194.1540, 21.6790, 42.1510



183.1050, 57.7650, 26.9250



172.9530, -29.2900, -41.8820



149.3130, -126.9480, -45.1560

Sweetspot

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



194.1540, 21.6790, 42.1510



240.3250, 6.8750, 13.0750



170.8210, -26.2760, 24.6680



118.3090, 3.8040, 8.1560



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.



194.1540, 21.6790, 42.1510



194.8270, 27.4540, 53.1340



190.0070, 34.7940, 30.2340



112.9560, 3.3000, 6.2760



75.0950, 48.8120, 95.5960



22.8290, 14.8040, 29.0760

Inverse Universe

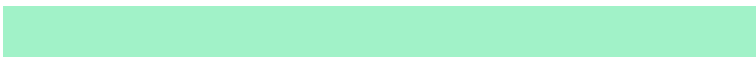
The Inverse Universe completely reimagines the original color for something new.



185.3330, 47.9550, 17.4830



183.6120, 60.4710, 21.9350



212.9930, -34.7940, -30.2340



111.5880, 7.1520, 2.5440



55.2440, 109.0220, 39.6300



16.8580, 33.0550, 12.1830

Previews

White Background



This preview shows how the YIQ color 194.1540, 21.6790, 42.1510 looks on a white background.

Color Contrast Check

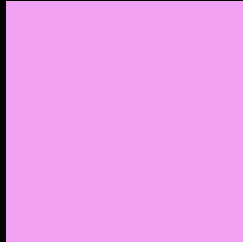
Large Text (above 18pt) WCAG AA × Fail

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 194.1540, 21.6790, 42.1510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

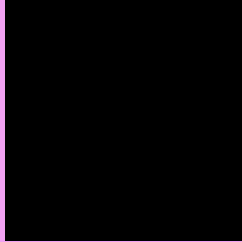
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 194.1540, 21.6790, 42.1510

Background



This preview shows how black text looks on a background with the YIQ color 194.1540, 21.6790, 42.1510.



This preview shows how white text looks on a background with the YIQ color 194.1540, 21.6790,

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

194.1540, 21.6790, 42.1510

Protanopia

189.3700, -32.5560, 17.3320

Deuteranopia

190.0310, -18.4800, 15.5360



Tritanopia

192.1340, 32.4580, 17.4980

Trichromacy



Original Color

194.1540, 21.6790, 42.1510



Protanomaly

191.2910, -12.9800, 25.9960



Deuteranomaly

191.2550, -4.1310, 25.3170



Tritanomaly

192.9630, 28.9260, 26.4460

Monochromacy



Original Color

194.1540, 21.6790, 42.1510



Achromatopsia

194.0000, -0.0000, 0.0000



Achromatomaly

193.9770, 7.9750, 15.1670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 194.1540, 21.6790, 42.1510 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(241, 161, 242)` looks like.

```
.text, #text, p{  
    color:rgb(241, 161, 242)  
}
```

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(241, 161, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 161, 242) }
```

Border

The CSS property to change the border of an element to YIQ 194.1540, 21.6790, 42.1510 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(241, 161, 242) }
```


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

```
.border{ border-color:rgb(241, 161, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 161, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 161, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 161, 242);  
box-shadow:4px 4px 4px 4px rgb(241, 161,  
242) }
```

Background

The CSS property to change the background color of an element to YIQ 194.1540, 21.6790, 42.1510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 161, 242) }
```

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

```
.background{ background-color: rgb(241,  
161, 242) }
```

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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