

Converting Colors

YIQ(192.5890, 24.8880, 44.5680)

Have a look what the booklet for
YIQ(192.5890, 24.8880, 44.5680)
contains.

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Color

**YIQ(192.5890, 24.8880,
44.5680)**

Conversions

Conversions Part 1

Format	Color
Hex	F49DF1
RGB	244, 157, 241
RGB Percent	96%, 62%, 95%
CMY	0.0429, 0.3844, 0.0549
CMYK	0.00, 0.36, 0.01, 0.04
HSL	302°, 80%, 79%
HSV	302°, 36%, 96%
XYZ	65.2605, 49.6980, 89.3789
YIQ	192.5890, 24.8880, 44.5680

Conversions

Conversions Part 2

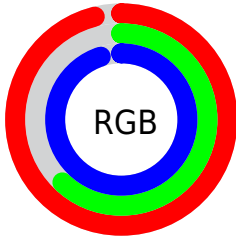
Format	Color
RYB	244, 157, 241
Decimal	16031217
CIELab	75.88, 45.05, -28.84
CIElCh	76, 53.496, 327.372
Yxy	49.6980, 0.3194, 0.2432
Android (android.graphics.Color)	4294221297 (0xFFFF49DF1)
YUV	192.5890, 23.8666, 45.0874
Hunter-Lab	70.4968, 41.8721, -25.8227

Details

The YIQ color **192.5890, 24.8880, 44.5680** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **208.4110, -24.8880, -44.5680**, and the grayscale version is **192.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **230.3460, 11.5500, 21.9660**, and **137.7520, 22.8710, 42.5750** is the 20% darker color. If you saturate the color by 10%, you get **178.3870, 31.8090, 56.8090**, and if you desaturate by 10%, it is **206.7910, 17.9670, 32.3270**.

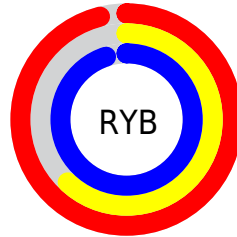
Distribution



Red (96%)

Green (62%)

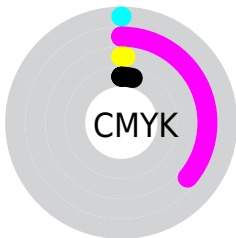
Blue (95%)



Red (96%)

Yellow (62%)

Blue (95%)

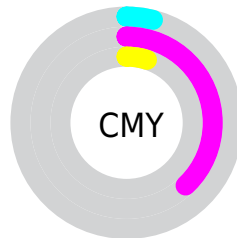


Cyan (0%)

Magenta (36%)

Yellow (1%)

Black (4%)



Cyan (4%)

Magenta (38%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 192.5890, 24.8880, 44.5680 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 192.5890, 24.8880, 44.5680 by changing the saturation by 10% instead.

192.5890, 24.8880,
44.5680

192.5890, 24.8880,
44.5680

255.0000, -0.0000,
-0.0000

164.8770, 24.0170,
43.8330

230.3460, 11.5500,
21.9660

137.7520, 22.8710,
42.5750

247.3690, 3.5750,
6.7990

111.3390, 22.5960,
42.0520

84.6270, 21.7250,
41.3170

58.1540, 21.6790,
42.1510

32.8550, 21.0830,
41.9390

22.7580, 13.5660,

29.4860

■ 13.3730, 6.9200,
17.7680

■ 1.2540, -3.5310,
3.4210

■ 192.5890, 24.8880,
44.5680

■ 192.5890, 24.8880,
44.5680

■ 178.3870, 31.8090,
56.8090

■ 206.7910, 17.9670,
32.3270

■ 163.5980, 39.0050,
69.5730

■ 221.5800, 10.7710,
19.5630

■ 149.3960, 45.9260,
81.8140

■ 235.7820, 3.8500,
7.3220

■ 134.7210, 52.8010,
94.8890

■ 250.4570, -3.0250,
-5.7530

120.5190, 59.7220,
107.1300

250.5710, -3.3460,
-5.4420

106.3170, 66.6430,
119.3710

250.6850, -3.6670,
-5.1310

99.7460, 69.9890,
124.8130

250.7990, -3.9880,
-4.8200

250.9130, -4.3090,
-4.5090

251.0270, -4.6300,
-4.1980

Harmonies

Analogous

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



187.3980, -20.5910, 26.2650



192.5890, 24.8880, 44.5680



183.9490, 49.8770, 37.7250

Triad

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



192.5890, 24.8880, 44.5680



182.8910, 53.5100, -22.6340



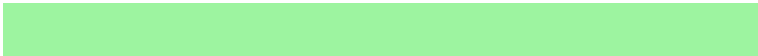
150.7780, -132.4510, -39.0350

Complementary

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



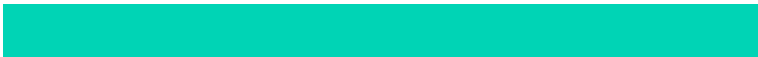
192.5890, 24.8880, 44.5680



208.4110, -24.8880, -44.5680

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.



145.0780, -116.4010, -54.5850



192.5890, 24.8880, 44.5680



178.2990, 16.6500, -37.4460

Square

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



192.5890, 24.8880, 44.5680



185.0700, 72.9000, 0.4200



169.1480, -34.3330, -44.1010



149.9920, -138.5050, -28.4330

Rectangle

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



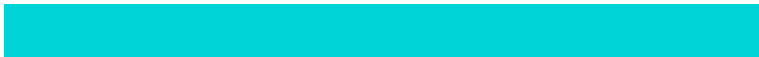
192.5890, 24.8880, 44.5680



180.7740, 60.1950, 26.9390



169.1480, -34.3330, -44.1010



148.9540, -127.3150, -44.0110

Sweetspot

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



192.5890, 24.8880, 44.5680



238.4500, 8.0210, 14.3330



167.8150, -26.1390, 27.6930



117.9070, 4.9960, 8.5800



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.



192.5890, 24.8880, 44.5680



189.9740, 31.5340, 56.2860



187.6870, 38.6910, 31.1950



114.9560, 3.3000, 6.2760



76.1340, 53.0760, 95.4120



24.1390, 16.8670, 30.2350

Inverse Universe

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



192.5890, 24.8880, 44.5680



189.9740, 31.5340, 56.2860



213.3130, -38.6910, -31.1950



114.9560, 3.3000, 6.2760



76.1340, 53.0760, 95.4120



24.1390, 16.8670, 30.2350

Previews

White Background



This preview shows how the YIQ color 192.5890, 24.8880, 44.5680 looks on a white background.

Color Contrast Check

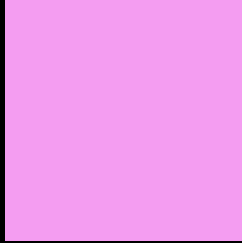
Large Text (above 18pt) WCAG AA × Fail

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 192.5890, 24.8880, 44.5680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

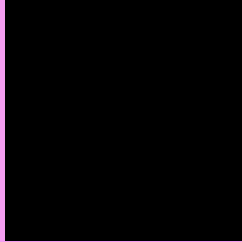
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 192.5890, 24.8880, 44.5680

Background



This preview shows how black text looks on a background with the YIQ color 192.5890, 24.8880, 44.5680.



This preview shows how white text looks on a background with the YIQ color 192.5890, 24.8880,

44.5680.

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

192.5890, 24.8880, 44.5680

Protanopia

187.5980, -33.1980, 17.9540

Deuteranopia

188.7320, -19.0760, 15.3240



Tritanopia

190.5150, 35.7590, 18.2470

Trichromacy



Original Color

192.5890, 24.8880, 44.5680



Protanomaly

189.5300, -12.1550, 27.5650



Deuteranomaly

189.9670, -3.2600, 26.0520



Tritanomaly

191.4580, 31.9060, 27.5060

Monochromacy



Original Color

192.5890, 24.8880, 44.5680



Achromatopsia

193.0000, -0.0000, -0.0000



Achromatomaly

192.9880, 9.4420, 16.1140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 192.5890, 24.8880, 44.5680 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(244, 157, 241)` looks like.

```
.text, #text, p{  
    color:rgb(244, 157, 241)  
}
```

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(244, 157, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 157, 241) }
```

Border

The CSS property to change the border of an element to YIQ 192.5890, 24.8880, 44.5680 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(244, 157, 241) }
```


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

```
.border{ border-color:rgb(244, 157, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 157, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 157, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 157, 241);  
box-shadow:4px 4px 4px 4px rgb(244, 157,  
241) }
```

Background

The CSS property to change the background color of an element to YIQ 192.5890, 24.8880, 44.5680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 157, 241) }
```

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

```
.background{ background-color: rgb(244,  
157, 241) }
```

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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