

Converting Colors

YIQ(98.4820, 43.9490, 112.1490)

Have a look what the booklet for
YIQ(98.4820, 43.9490, 112.1490)
contains.

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Color

**YIQ(98.4820, 43.9490,
112.1490)**

Conversions

Conversions Part 1

Format	Color
Hex	D20EF1
RGB	210, 14, 241
RGB Percent	82%, 5%, 95%
CMY	0.1759, 0.9453, 0.0549
CMYK	0.13, 0.94, 0.00, 0.05
HSL	292°, 89%, 50%
HSV	292°, 94%, 95%
XYZ	42.6556, 20.3871, 84.9057
YIQ	98.4820, 43.9490, 112.1490

Conversions

Conversions Part 2

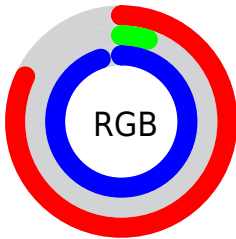
Format	Color
R _Y B	210, 14, 241
Decimal	13766385
CIE Lab	52.27, 88.53, -66.38
CIE LCh	52, 110.652, 323.140
Yxy	20.3871, 0.2883, 0.1378
Android (android.graphics.Color)	4291956465 (0xFFD20EF1)
YUV	98.4820, 70.2614, 97.8013
Hunter-Lab	45.1521, 89.6142, -79.8847

Details

The YIQ color **98.4820, 43.9490, 112.1490** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light saturated magenta. A complement of this color would be **156.5180, -43.9490, -112.1490**, and the grayscale version is **98.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **163.4280, 42.9000, 81.5880**, and **65.8260, 30.3360, 89.0240** is the 20% darker color. If you saturate the color by 10%, you get **89.6660, 46.6070, 119.0470**, and if you desaturate by 10%, it is **113.4670, 39.1370, 100.2330**.

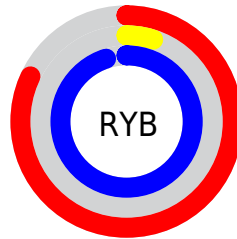
Distribution



Red (82%)

Green (5%)

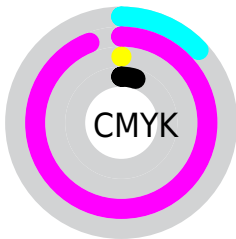
Blue (95%)



Red (82%)

Yellow (5%)

Blue (95%)

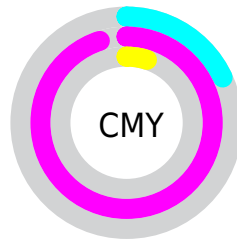


Cyan (13%)

Magenta (94%)

Yellow (0%)

Black (5%)



Cyan (18%)


Magenta (95%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 98.4820, 43.9490, 112.1490 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 98.4820, 43.9490, 112.1490 by changing the saturation by 10% instead.


 98.4820, 43.9490,
112.1490


 98.4820, 43.9490,
112.1490


255.0000, -0.0000,
-0.0000


 77.9880, 39.2280,
104.0920


 163.4280, 42.9000,
81.5880


 65.8260, 30.3360,
89.0240


 181.6250, 34.3750,
65.3750

 53.6640, 21.4440,
73.9560


 199.8220, 25.8500,
49.1620

 41.9150, 12.8270,
59.4110

 217.4320, 17.6000,
33.4720

 30.2800, 3.8890,
45.1770

 235.0420, 9.3500,
17.7820

 17.2640, -8.3500,
30.1940

 253.2390, 0.8250,

 6.1560, -17.3340,

1.5690

16.7940

■ 4.8220, -10.8220,
8.9060

■ 0.3420, -0.9630,
0.9330

■ 98.4820, 43.9490,
112.1490

■ 98.4820, 43.9490,
112.1490

■ 89.6660, 46.6070,
119.0470

■ 113.4670, 39.1370,
100.2330

■ 128.7510, 34.9210,
88.5290

■ 143.7360, 30.1090,
76.6130

■ 158.7210, 25.2970,
64.6970

■ 174.0050, 21.0810,
52.9930

■ 189.5770, 15.9940,
40.5540

■ 204.5620, 11.1820,
28.6380

■ 219.5470, 6.3700,
16.7220

■ 234.8310, 2.1540,
5.0180

Harmonies

Analogous

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



94.2270, -112.3800, 21.2520



98.4820, 43.9490, 112.1490



93.4590, 103.5090, 101.0210

Triad

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



98.4820, 43.9490, 112.1490



117.7480, 69.9700, -23.5820



116.4920, -107.5580, -22.1020

Complementary

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



98.4820, 43.9490, 112.1490



156.5180, -43.9490, -112.1490

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.



104.0320, -75.2290, -51.8450



98.4820, 43.9490, 112.1490



106.0890, 7.7130, -57.2070

Square

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



98.4820, 43.9490, 112.1490



102.2620, 125.8060, 21.7900



89.8110, -42.0750, -80.0190



122.4030, -125.5800, -3.8520

Rectangle

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



98.4820, 43.9490, 112.1490



86.3910, 123.4110, 81.7390



89.8110, -42.0750, -80.0190



112.8440, -97.2860, -32.0540

Sweetspot

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



98.4820, 43.9490, 112.1490



210.3330, 13.5650, 35.0130



59.8360, -82.2170, 52.8150



100.3780, 8.5240, 21.7400



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.



98.4820, 43.9490, 112.1490



94.8500, 49.2650, 125.9450



98.7450, 87.7840, 94.1520



112.3580, 2.1080, 5.8520



68.5170, 35.7000, 90.9320



20.7360, 10.6320, 27.5920

Inverse Universe

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



85.4070, 125.3410, 57.7650



80.2350, 140.7450, 64.9450



156.2550, -87.7840, -94.1520



111.7020, 6.8310, 2.8550



57.8660, 101.6390, 46.7830



17.6560, 30.8080, 14.3600

Previews

White Background



This preview shows how the YIQ color 98.4820, 43.9490, 112.1490 looks on a white background.

Color Contrast Check

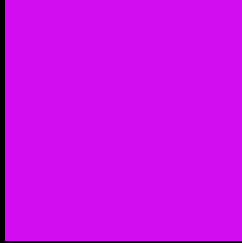
Large Text (above 18pt) WCAG AA ✓ Pass

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 98.4820, 43.9490, 112.1490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

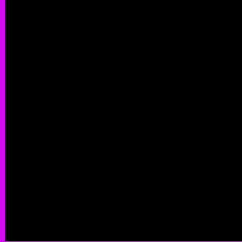
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 98.4820, 43.9490, 112.1490

Background



This preview shows how black text looks on a background with the YIQ color 98.4820, 43.9490, 112.1490.



This preview shows how white text looks on a background with the YIQ color 98.4820, 43.9490,

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

98.4820, 43.9490, 112.1490

Protanopia

103.9840, -107.3820, 18.7780

Deuteranopia

101.0140, -108.0670, 3.6530



Tritanopia

124.8010, 55.5650, 22.7410

Trichromacy



Original Color

98.4820, 43.9490, 112.1490

Protanomaly

102.0490, -52.1400, 52.8840

Deuteranomaly

100.2410, -53.1010, 42.7630

Tritanomaly

115.6850, 51.3410, 55.2530

Monochromacy



Original Color

98.4820, 43.9490, 112.1490

Achromatopsia

98.0000, -0.0000, -0.0000

Achromatomaly

97.9900, 16.2690, 41.0770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 98.4820, 43.9490, 112.1490 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(210, 14, 241)` looks like.

```
.text, #text, p{  
    color:rgb(210, 14, 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(210, 14, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 14, 241) }
```

Border

The CSS property to change the border of an element to YIQ 98.4820, 43.9490, 112.1490 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(210, 14, 241) }
```


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

```
.border{ border-color:rgb(210, 14, 241) }
```

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

Here you see how a box with a 4 pixel rgb(210, 14, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 14, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 14, 241);  
box-shadow:4px 4px 4px 4px rgb(210, 14,  
241) }
```

Background

The CSS property to change the background color of an element to YIQ 98.4820, 43.9490, 112.1490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 14, 241) }
```

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

```
.background{ background-color: rgb(210, 14,  
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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