

Converting Colors

YIQ(123.0150, 25.4300, 89.8300)

Have a look what the booklet for
YIQ(123.0150, 25.4300, 89.8300)
contains.

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Color

**YIQ(123.0150, 25.4300,
89.8300)**

Conversions

Conversions Part 1

Format	Color
Hex	CB3AF8
RGB	203, 58, 248
RGB Percent	80%, 23%, 97%
CMY	0.2034, 0.7728, 0.0275
CMYK	0.18, 0.77, 0.00, 0.03
HSL	286°, 93%, 60%
HSV	286°, 77%, 97%
XYZ	43.1122, 22.5097, 90.8699
YIQ	123.0150, 25.4300, 89.8300

Conversions

Conversions Part 2

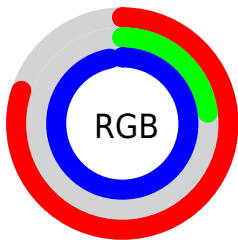
Format	Color
R _Y B	203, 58, 248
Decimal	13318904
CIE Lab	54.56, 80.02, -66.64
CIE LCh	55, 104.131, 320.212
Yxy	22.5097, 0.2755, 0.1438
Android (android.graphics.Color)	4291508984 (0xFFCB3AF8)
YUV	123.0150, 61.6176, 70.1468
Hunter-Lab	47.4444, 79.1735, -80.3466

Details

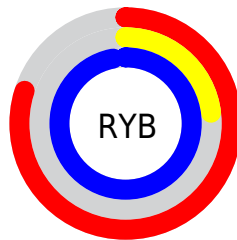
The YIQ color **123.0150, 25.4300, 89.8300** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **182.9850, -25.4300, -89.8300**, and the grayscale version is **122.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **175.7550, 37.1250, 70.6050**, and **64.7160, 24.8340, 89.6180** is the 20% darker color. If you saturate the color by 10%, you get **106.5460, 28.7290, 101.6330**, and if you desaturate by 10%, it is **139.4840, 22.1310, 78.0270**.

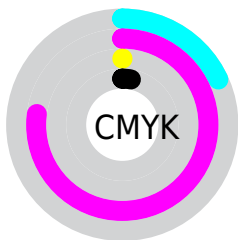
Distribution



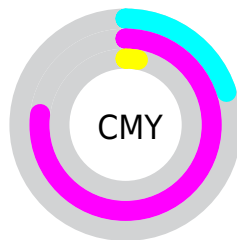
- Red (80%)
- Green (23%)
- Blue (97%)



- Red (80%)
- Yellow (23%)
- Blue (97%)



- Cyan (18%)
- Magenta (77%)
- Yellow (0%)
- Black (3%)





- Cyan (20%)
- Magenta (77%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 123.0150, 25.4300, 89.8300 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 123.0150, 25.4300, 89.8300 by changing the saturation by 10% instead.


 123.0150, 25.4300,
89.8300


 123.0150, 25.4300,
89.8300


255.0000, -0.0000,
-0.0000


 82.5630, 30.0590,
99.5550


 175.7550, 37.1250,
70.6050


 64.7160, 24.8340,
89.6180


 193.3650, 28.8750,
54.9150


 52.6680, 15.6210,
74.8610


 210.3880, 20.9000,
39.7480

 40.9190, 7.0040,
60.3160

 227.4110, 12.9250,
24.5810

 28.8710, -2.2090,
45.5590

 245.0210, 4.6750,
8.8910

 15.8550, -14.4480,
30.5760

 6.8400, -19.2600,

18.6600

■ 5.3920, -12.4270,
10.4610

■ 2.0690, -4.4480,
3.5200

■ 123.0150, 25.4300,
89.8300

■ 123.0150, 25.4300,
89.8300

■ 106.5460, 28.7290,
101.6330

■ 139.4840, 22.1310,
78.0270

■ 90.0770, 32.0280,
113.4360

■ 155.9530, 18.8320,
66.2240

■ 84.7830, 33.0360,
117.1960

■ 171.8350, 15.8080,
54.9440

■ 188.3040, 12.5090,
43.1410

204.4740, 8.6140,
31.1260

220.9430, 5.3150,
19.3230

237.4120, 2.0160,
7.5200

252.7070, -0.7330,
-3.2370

254.2020, 2.2470,
-2.1770

Harmonies

Analogous

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



100.0970, -115.1300, 16.0220



123.0150, 25.4300, 89.8300



94.9410, 99.3360, 105.0640

Triad

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



123.0150, 25.4300, 89.8300



123.3960, 76.8930, -22.3950



119.2160, -106.9610, -27.4170

Complementary

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



123.0150, 25.4300, 89.8300



182.9850, -25.4300, -89.8300

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.



106.7390, -75.9620, -55.0820



123.0150, 25.4300, 89.8300



114.7270, 20.5960, -53.9000

Square

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



123.0150, 25.4300, 89.8300



108.7630, 128.6490, 19.8250



92.7460, -43.4500, -82.6340



125.3380, -126.9550, -6.4670

Rectangle

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



123.0150, 25.4300, 89.8300



88.2150, 118.2750, 86.7150



92.7460, -43.4500, -82.6340



115.0950, -96.7350, -36.5350

Sweetspot

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



123.0150, 25.4300, 89.8300



216.1810, 7.8810, 27.8890



107.2490, -73.9150, 34.5090



104.1770, 4.5360, 16.9200



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.



123.0150, 25.4300, 89.8300



100.6100, 31.8450, 111.2450



130.9980, 67.6580, 84.4420



116.4720, 1.7870, 6.1630



64.6020, 25.1550, 89.3070



21.0070, 8.4310, 28.9350

Inverse Universe

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



119.9400, 98.7950, 54.2750



96.6490, 122.0840, 67.2360



174.8880, -67.3370, -84.7530



116.2290, 6.7850, 3.6890



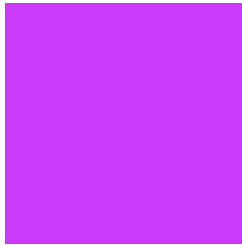
61.6410, 98.1990, 54.0630



19.8350, 31.8620, 17.2860

Previews

White Background



This preview shows how the YIQ color 123.0150, 25.4300, 89.8300 looks on a white background.

Color Contrast Check

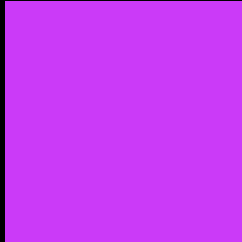
Large Text (above 18pt) WCAG AA ✓ Pass

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 123.0150, 25.4300, 89.8300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

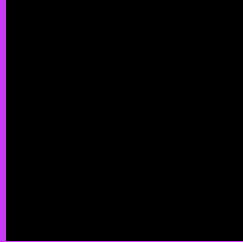
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 123.0150, 25.4300, 89.8300

Background



This preview shows how black text looks on a background with the YIQ color 123.0150, 25.4300, 89.8300.



This preview shows how white text looks on a background with the YIQ color 123.0150, 25.4300,

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

123.0150, 25.4300, 89.8300

Protanopia

118.2700, -87.5760, 23.2720

Deuteranopia

109.3460, -103.0700, 6.7060



Tritanopia

131.6360, 42.7280, 18.6000

Trichromacy



Original Color

123.0150, 25.4300, 89.8300



Protanomaly

119.9970, -46.3620, 47.2860



Deuteranomaly

114.3990, -56.7220, 36.7980



Tritanomaly

128.6350, 36.4420, 44.4260

Monochromacy



Original Color

123.0150, 25.4300, 89.8300



Achromatopsia

123.0000, -0.0000, -0.0000



Achromatomaly

122.7130, 9.4390, 32.6950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 123.0150, 25.4300, 89.8300 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(203, 58, 248)` looks like.

```
.text, #text, p{  
    color:rgb(203, 58, 248)  
}
```

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(203, 58, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 58, 248) }
```

Border

The CSS property to change the border of an element to YIQ 123.0150, 25.4300, 89.8300 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(203, 58, 248) }
```


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

```
.border{ border-color:rgb(203, 58, 248) }
```

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

Here you see how a box with a 4 pixel rgb(203, 58, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 58, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 58, 248);  
box-shadow:4px 4px 4px 4px rgb(203, 58,  
248) }
```

Background

The CSS property to change the background color of an element to YIQ 123.0150, 25.4300, 89.8300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 58, 248) }
```

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

```
.background{ background-color: rgb(203, 58,  
248) }
```

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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