

Converting Colors

YIQ(99.6430, 25.9370, 75.1290)

Have a look what the booklet for
YIQ(99.6430, 25.9370, 75.1290)
contains.

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Color

**YIQ(99.6430, 25.9370,
75.1290)**

Conversions

Conversions Part 1

Format	Color
Hex	AB2CC7
RGB	171, 44, 199
RGB Percent	67%, 17%, 78%
CMY	0.3290, 0.8276, 0.2196
CMYK	0.14, 0.78, 0.00, 0.22
HSL	289°, 64%, 48%
HSV	289°, 78%, 78%
XYZ	28.0237, 14.5901, 55.3693
YIQ	99.6430, 25.9370, 75.1290

Conversions

Conversions Part 2

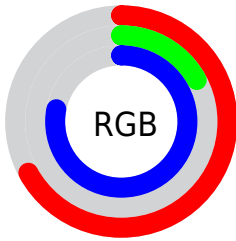
Format	Color
R_{YB}	171, 44, 199
Decimal	11218119
CIE _{Lab}	45.07, 69.56, -54.35
CIE _{LCh}	45, 88.277, 322.001
Yxy	14.5901, 0.2860, 0.1489
Android (android.graphics.Color)	4289408199 (0xFFAB2CC7)
YUV	99.6430, 48.9830, 62.5801
Hunter-Lab	38.1970, 64.1143, -59.2073

Details

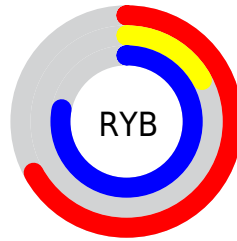
The YIQ color $99.6430, 25.9370, 75.1290$ is a dark color, and the websafe version is hex $9933CC$. The color can be described as middle muted purple. A complement of this color would be $143.3570, -25.9370, -75.1290$, and the grayscale version is $99.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $158.8880, 26.6250, 73.6730$, and $50.5020, 21.7200, 68.9520$ is the 20% darker color. If you saturate the color by 10%, you get $87.0060, 29.6490, 84.9530$, and if you desaturate by 10%, it is $112.5790, 22.8210, 65.5170$.

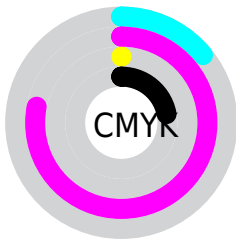
Distribution



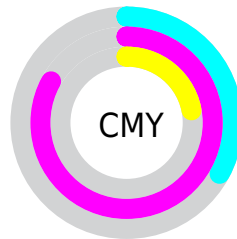
- Red (67%)
- Green (17%)
- Blue (78%)



- Red (67%)
- Yellow (17%)
- Blue (78%)



- Cyan (14%)
- Magenta (78%)
- Yellow (0%)
- Black (22%)





- Cyan (33%)
- Magenta (83%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 99.6430, 25.9370, 75.1290 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 99.6430, 25.9370, 75.1290 by changing the saturation by 10% instead.


 99.6430, 25.9370,
75.1290


 99.6430, 25.9370,
75.1290


255.0000, -0.0000,
-0.0000


 61.9520, 29.7410,
83.2850

 158.8880, 26.6250,
73.6730


 50.5020, 21.7200,
68.9520


 183.3860, 33.5500,
63.8060

 39.1660, 13.3780,
54.9300


 199.8220, 25.8500,
49.1620

 27.8300, 5.0360,
40.9080

 216.8450, 17.8750,
33.9950

 16.7220, -3.9480,
27.5080

 233.8680, 9.9000,
18.8280

 5.0160, -14.1240,
13.6840

 251.4780, 1.6500,

 3.2090, -7.6580,

3.1380

6.6300

■ 0.0000, 0.0000,
0.0000

■ 99.6430, 25.9370,
75.1290

■ 99.6430, 25.9370,
75.1290

■ 87.0060, 29.6490,
84.9530

■ 112.5790, 22.8210,
65.5170

■ 74.0700, 32.7650,
94.5650

■ 125.2160, 19.1090,
55.6930

■ 71.4230, 33.2690,
96.4450

■ 138.1520, 15.9930,
46.0810

■ 150.7890, 12.2810,
36.2570

■ 163.1380, 9.4400,
27.1680

■ 176.0740, 6.3240,
17.5560

■ 188.7110, 2.6120,
7.7320

■ 201.6470, -0.5040,
-1.8800

■ 214.2840, -4.2160,
-11.7040

Harmonies

Analogous

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



84.9830, -105.6410, 25.7750



99.6430, 25.9370, 75.1290



81.1980, 90.5820, 87.4940

Triad

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



99.6430, 25.9370, 75.1290



100.8920, 60.9370, -19.5670



98.0720, -88.7600, -21.3680

Complementary

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



99.6430, 25.9370, 75.1290



143.3570, -25.9370, -75.1290

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.



88.2340, -63.8140, -43.9580



99.6430, 25.9370, 75.1290



93.1750, 13.7630, -45.7010

Square

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



99.6430, 25.9370, 75.1290



91.4870, 102.8830, 13.2110



75.7230, -35.4750, -67.4670



104.1940, -108.7540, -0.4180

Rectangle

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



99.6430, 25.9370, 75.1290



77.7050, 110.4830, 73.7390



75.7230, -35.4750, -67.4670



94.7490, -80.7810, -28.3090

Sweetspot

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



99.6430, 25.9370, 75.1290



217.0780, 9.6690, 28.5250



78.1060, -57.4550, 33.5610



104.7750, 5.7280, 17.3440



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.



99.6430, 25.9370, 75.1290



103.0240, 39.5470, 114.8350



102.4290, 58.3540, 65.8260



93.4180, 1.8790, 4.4950



58.6480, 27.5410, 79.1010



12.7750, 5.7280, 17.3440

Inverse Universe

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



93.5370, 83.3920, 41.5680



93.7650, 127.4490, 63.6170



140.5710, -58.3540, -65.8260



92.8050, 5.0430, 2.2190



52.0430, 87.8390, 43.5750



11.4480, 19.5300, 9.4980

Previews

White Background



This preview shows how the YIQ color 99.6430, 25.9370, 75.1290 looks on a white background.

Color Contrast Check

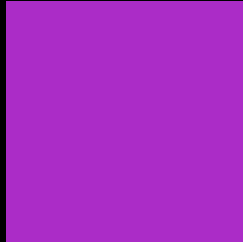
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 99.6430, 25.9370, 75.1290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

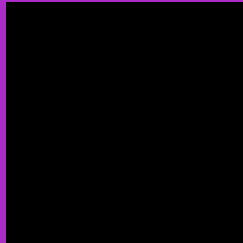
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 99.6430, 25.9370, 75.1290

Background



This preview shows how black text looks on a background with the YIQ color 99.6430, 25.9370, 75.1290.



This preview shows how white text looks on a background with the YIQ color 99.6430, 25.9370,

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

99.6430, 25.9370, 75.1290

Protanopia

86.0140, -98.8990, 13.7170

Deuteranopia

96.5920, -68.5920, 9.6160



Tritanopia

107.9130, 40.3900, 16.9180

Trichromacy



Original Color

99.6430, 25.9370, 75.1290



Protanomaly

90.8400, -53.6500, 36.1900



Deuteranomaly

97.6110, -34.0720, 33.8000



Tritanomaly

105.0490, 34.9760, 37.9520

Monochromacy



Original Color

99.6430, 25.9370, 75.1290



Achromatopsia

100.0000, -0.0000, -0.0000



Achromatomaly

100.1380, 9.4400, 27.1680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 99.6430, 25.9370, 75.1290 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(171, 44, 199)` looks like.

```
.text, #text, p{  
    color:rgb(171, 44, 199)  
}
```

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(171, 44, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 44, 199) }
```

Border

The CSS property to change the border of an element to YIQ 99.6430, 25.9370, 75.1290 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(171, 44, 199) }
```


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

```
.border{ border-color:rgb(171, 44, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 44, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 44, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 44, 199);  
box-shadow:4px 4px 4px 4px rgb(171, 44,  
199) }
```

Background

The CSS property to change the background color of an element to YIQ 99.6430, 25.9370, 75.1290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 44, 199) }
```

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

```
.background{ background-color: rgb(171, 44,  
199) }
```

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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