

Converting Colors

YIQ(74.5010, 24.6020, 104.8420)

Have a look what the booklet for
YIQ(74.5010, 24.6020, 104.8420)
contains.

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Color

**YIQ(74.5010, 24.6020,
104.8420)**

Conversions

Conversions Part 1

Format	Color
Hex	A300E2
RGB	163, 0, 226
RGB Percent	64%, 0%, 89%
CMY	0.3602, 1.0000, 0.1138
CMYK	0.28, 1.00, 0.00, 0.11
HSL	283°, 100%, 44%
HSV	283°, 100%, 89%
XYZ	28.8566, 13.2907, 72.9817
YIQ	74.5010, 24.6020, 104.8420

Conversions

Conversions Part 2

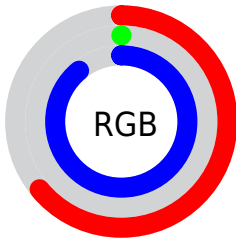
Format	Color
RYB	163, 0, 226
Decimal	10682594
CIELab	43.20, 80.89, -72.97
CIELCh	43, 108.935, 317.948
Yxy	13.2907, 0.2506, 0.1154
Android (android.graphics.Color)	4288872674 (0xFFA300E2)
YUV	74.5010, 74.6890, 77.6136
Hunter-Lab	36.4564, 77.4910, -93.1728

Details

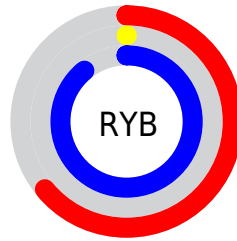
The YIQ color **74.5010, 24.6020, 104.8420** is a dark color, and the websafe version is hex **9900CC**. The color can be described as middle washed purple. A complement of this color would be **151.4990, -24.6020, -104.8420**, and the grayscale version is **74.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **146.8160, 27.1280, 81.0800**, and **50.0630, 7.1390, 74.3950** is the 20% darker color. If you saturate the color by 10%, you get **74.5010, 24.6020, 104.8420**, and if you desaturate by 10%, it is **89.7960, 21.8530, 94.0850**.

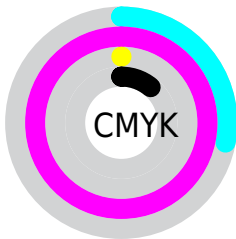
Distribution



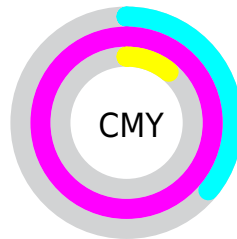
- Red (64%)
- Green (0%)
- Blue (89%)



- Red (64%)
- Yellow (0%)
- Blue (89%)



- Cyan (28%)
- Magenta (100%)
- Yellow (0%)
- Black (11%)





- Cyan (36%)
- Magenta (100%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 74.5010, 24.6020, 104.8420 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 74.5010, 24.6020, 104.8420 by changing the saturation by 10% instead.


 74.5010, 24.6020,
104.8420


 74.5010, 24.6020,
104.8420


255.0000, -0.0000,
-0.0000


 62.2250, 16.0310,
89.4630


 147.1150, 27.7240,
81.2920


 50.0630, 7.1390,
74.3950


 173.1080, 37.6290,
72.4850

 38.0150, -2.0740,
59.6380


 191.0170, 29.9750,
57.0070

 25.0700, -13.0750,
44.2450

 208.0400, 22.0000,
41.8400

 10.2600, -28.8900,
27.9900

 225.6500, 13.7500,
26.1500

 7.4100, -20.8650,
20.2150

 242.6730, 5.7750,

 6.5490, -14.3070,

10.9830

11.4930

■ 2.8670, -6.6950,
5.6970

■ 0.0000, 0.0000,
0.0000

■ 74.5010, 24.6020,
104.8420

■ 89.7960, 21.8530,
94.0850

■ 104.8030, 19.9750,
84.0630

■ 120.0980, 17.2260,
73.3060

■ 134.8060, 14.7520,
63.0720

■ 150.4000, 12.5990,
52.5270

■ 165.6950, 9.8500,
41.7700

■ 180.4030, 7.3760,
31.5360

■ 195.6980, 4.6270,
20.7790

■ 210.7050, 2.7490,
10.7570

Harmonies

Analogous

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



86.5960, -108.8050, 28.0510



74.5010, 24.6020, 104.8420



86.5670, 94.1570, 94.2930

Triad

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



74.5010, 24.6020, 104.8420



95.9410, 68.4090, -11.8070



96.4420, -86.9260, -21.5660

Complementary

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



74.5010, 24.6020, 104.8420



151.4990, -24.6020, -104.8420

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.



83.8510, -55.6060, -49.5420



74.5010, 24.6020, 104.8420



88.1470, 10.9660, -44.5700

Square

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



74.5010, 24.6020, 104.8420



63.6870, 126.9480, 45.1560



73.9620, -34.6500, -65.8980



105.7900, -113.2480, 3.9360

Rectangle

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



74.5010, 24.6020, 104.8420



83.4290, 120.2480, 78.4880



73.9620, -34.6500, -65.8980



92.3210, -76.7000, -30.6840

Sweetspot

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



74.5010, 24.6020, 104.8420



204.1090, 8.3840, 35.2960



63.3320, -90.1460, 36.8140



97.1110, 4.9020, 21.3020



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.



74.5010, 24.6020, 104.8420



84.0860, 27.8090, 118.3130



87.7520, 77.8790, 102.9590



104.6460, 1.2370, 5.1170



58.0370, 19.1960, 81.6600



15.9370, 5.4520, 22.3480

Inverse Universe

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



74.7560, 114.4730, 67.5050



84.3390, 129.1890, 76.1410



138.2480, -77.8790, -102.9590



104.6310, 5.5930, 3.2650



58.2100, 89.1670, 52.5510



15.8340, 24.4350, 14.2190

Previews

White Background



This preview shows how the YIQ color 74.5010, 24.6020, 104.8420 looks on a white background.

Color Contrast Check

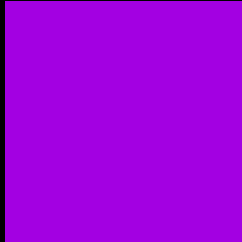
Large Text (above 18pt) WCAG AA ✓ Pass

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 74.5010, 24.6020, 104.8420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

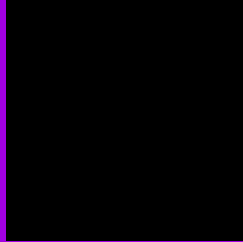
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 74.5010, 24.6020, 104.8420

Background



This preview shows how black text looks on a background with the YIQ color 74.5010, 24.6020, 104.8420.



This preview shows how white text looks on a background with the YIQ color 74.5010, 24.6020,

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

74.5010, 24.6020, 104.8420

Protanopia

82.7540, -95.2310, 13.3210

Deuteranopia

83.0840, -87.8930, 1.4750



Tritanopia

104.9440, 29.9370, 13.6250

Trichromacy



Original Color

74.5010, 24.6020, 104.8420



Protanomaly

79.8330, -51.7720, 46.2120



Deuteranomaly

79.6560, -47.1400, 39.3560



Tritanomaly

94.0240, 28.0970, 46.9850

Monochromacy



Original Color

74.5010, 24.6020, 104.8420



Achromatopsia

75.0000, -0.0000, -0.0000



Achromatomaly

74.9890, 8.8420, 38.0100

CSS Examples

Text

The CSS property to change the color of the text to YIQ 74.5010, 24.6020, 104.8420 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(163, 0, 226)` looks like.

```
.text, #text, p{  
    color:rgb(163, 0, 226)  
}
```

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(163, 0, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 0, 226) }
```

Border

The CSS property to change the border of an element to YIQ 74.5010, 24.6020, 104.8420 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(163, 0, 226) }
```


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

```
.border{ border-color:rgb(163, 0, 226) }
```

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

Here you see how a box with a 4 pixel rgb(163, 0, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 0, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 0, 226);  
box-shadow:4px 4px 4px 4px rgb(163, 0,  
226) }
```

Background

The CSS property to change the background color of an element to YIQ 74.5010, 24.6020, 104.8420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 0, 226) }
```

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

```
.background{ background-color: rgb(163, 0,  
226) }
```

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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