

Converting Colors

YIQ(104.7360, 30.1090, 76.6130)

Have a look what the booklet for
YIQ(104.7360, 30.1090, 76.6130)
contains.

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Color

**YIQ(104.7360, 30.1090,
76.6130)**

Conversions

Conversions Part 1

Format	Color
Hex	B52FCA
RGB	181, 47, 202
RGB Percent	71%, 18%, 79%
CMY	0.2898, 0.8159, 0.2078
CMYK	0.10, 0.77, 0.00, 0.21
HSL	292°, 62%, 49%
HSV	292°, 77%, 79%
XYZ	30.7558, 16.1294, 57.3693
YIQ	104.7360, 30.1090, 76.6130

Conversions

Conversions Part 2

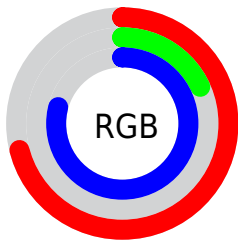
Format	Color
R_{YB}	181, 47, 202
Decimal	11874250
CIE _{Lab}	47.14, 71.10, -52.67
CIE _{LCh}	47, 88.479, 323.469
Yxy	16.1294, 0.2950, 0.1547
Android (android.graphics.Color)	4290064330 (0xFFB52FCA)
YUV	104.7360, 47.9512, 66.8835
Hunter-Lab	40.1614, 66.4138, -56.5809

Details

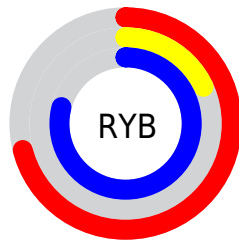
The YIQ color $104.7360, 30.1090, 76.6130$ is a dark color, and the websafe version is hex $CC33CC$. The color can be described as middle muted purple. A complement of this color would be $144.2640, -30.1090, -76.6130$, and the grayscale version is $104.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $164.2260, 31.4850, 73.7010$, and $53.8340, 26.7170, 72.0050$ is the 20% darker color. If you saturate the color by 10%, you get $92.0990, 33.8210, 86.4370$, and if you desaturate by 10%, it is $117.3730, 26.3970, 66.7890$.

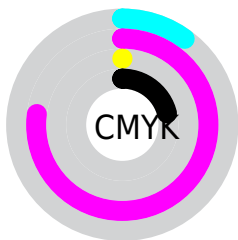
Distribution



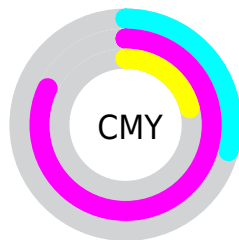
- Red (71%)
- Green (18%)
- Blue (79%)



- Red (71%)
- Yellow (18%)
- Blue (79%)



- Cyan (10%)
- Magenta (77%)
- Yellow (0%)
- Black (21%)



- Cyan (29%)
- Magenta (82%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 104.7360, 30.1090, 76.6130 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 104.7360, 30.1090, 76.6130 by changing the saturation by 10% instead.

104.7360, 30.1090,
76.6130

104.7360, 30.1090,
76.6130

255.0000, -0.0000,
-0.0000

65.2840, 34.7380,
86.3380

164.2260, 31.4850,
73.7010

53.8340, 26.7170,
72.0050

185.7340, 32.4500,
61.7140

42.1990, 17.7790,
57.7710

202.1700, 24.7500,
47.0700

30.8630, 9.4370,
43.7490

219.1930, 16.7750,
31.9030

20.3530, 1.6450,
30.7730

236.8030, 8.5250,
16.2130

5.3580, -15.0870,
14.6170

253.8260, 0.5500,

3.4370, -8.3000,

1.0460

7.2520

■ 0.0000, 0.0000,
0.0000

■ 104.7360, 30.1090,
76.6130

■ 104.7360, 30.1090,
76.6130

■ 92.0990, 33.8210,
86.4370

■ 117.3730, 26.3970,
66.7890

■ 79.7610, 38.1290,
96.4730

■ 130.0100, 22.6850,
56.9650

■ 75.3530, 39.4580,
99.9220

■ 142.9350, 18.1020,
46.4060

■ 155.5720, 14.3900,
36.5820

■ 168.2090, 10.6780,
26.7580

■ 180.5470, 6.3700,
16.7220

■ 193.1840, 2.6580,
6.8980

■ 206.4080, -1.3290,
-3.4490

■ 219.0450, -5.0410,
-13.2730

Harmonies

Analogous

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



89.4070, -103.8990, 27.2450



104.7360, 30.1090, 76.6130



83.8180, 94.7080, 89.8120

Triad

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



104.7360, 30.1090, 76.6130



105.3110, 61.0750, -22.0690



102.1470, -93.3450, -20.8730

Complementary

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



104.7360, 30.1090, 76.6130



144.2640, -30.1090, -76.6130

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.



92.7820, -68.3530, -44.2970



104.7360, 30.1090, 76.6130



97.2950, 13.3050, -48.4150

Square

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



104.7360, 30.1090, 76.6130



97.3790, 103.0670, 9.8750



79.2450, -37.1250, -70.6050



108.0410, -112.6970, -0.5450

Rectangle

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



104.7360, 30.1090, 76.6130



80.0260, 114.0130, 75.8450



79.2450, -37.1250, -70.6050



99.2970, -85.3200, -28.6480

Sweetspot

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



104.7360, 30.1090, 76.6130



217.9750, 11.4570, 29.1610



78.1710, -56.0800, 36.1760



105.3730, 6.9200, 17.7680



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.



104.7360, 30.1090, 76.6130



107.4870, 45.5530, 116.1210



104.8590, 59.9590, 64.2710



95.8310, 2.1540, 5.0180



61.6810, 31.9420, 81.9420



14.1990, 7.4700, 18.8140

Inverse Universe

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



95.7390, 85.6390, 39.3910



93.9130, 129.7880, 59.7720



144.1410, -59.9590, -64.2710



95.1040, 5.6390, 2.4310



52.1420, 91.8740, 42.0340



11.9320, 21.0430, 9.6110

Previews

White Background



This preview shows how the YIQ color 104.7360, 30.1090, 76.6130 looks on a white background.

Color Contrast Check

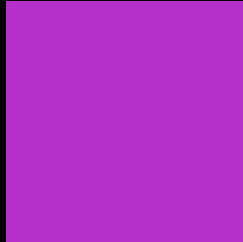
Large Text (above 18pt) WCAG AA ✓ Pass

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 104.7360, 30.1090, 76.6130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

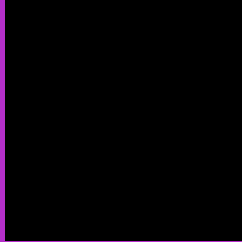
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 104.7360, 30.1090, 76.6130

Background



This preview shows how black text looks on a background with the YIQ color 104.7360, 30.1090, 76.6130.



This preview shows how white text looks on a background with the YIQ color 104.7360, 30.1090,

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

104.7360, 30.1090, 76.6130

Protanopia

89.6160, -103.5300, 15.0460

Deuteranopia

104.3650, -60.5230, 12.0610



Tritanopia

112.4190, 44.8370, 18.9250

Trichromacy



Original Color

104.7360, 30.1090, 76.6130

Protanomaly

95.2960, -54.9340, 37.4340

Deuteranomaly

104.4870, -27.7910, 35.6090

Tritanomaly

109.5550, 39.4230, 39.9590

Monochromacy



Original Color

104.7360, 30.1090, 76.6130

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

105.0350, 11.2280, 27.8040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 104.7360, 30.1090, 76.6130 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(181, 47, 202)` looks like.

```
.text, #text, p{  
    color:rgb(181, 47, 202)  
}
```

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(181, 47, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 47, 202) }
```

Border

The CSS property to change the border of an element to YIQ 104.7360, 30.1090, 76.6130 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(181, 47, 202) }
```


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

```
.border{ border-color:rgb(181, 47, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 47, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 47, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 47, 202);  
box-shadow:4px 4px 4px 4px rgb(181, 47,  
202) }
```

Background

The CSS property to change the background color of an element to YIQ 104.7360, 30.1090, 76.6130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 47, 202) }
```

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

```
.background{ background-color: rgb(181, 47,  
202) }
```

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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