

Converting Colors

YIQ(96.2100, 18.1050, 29.8250)

Have a look what the booklet for
YIQ(96.2100, 18.1050, 29.8250)
contains.

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Color

**YIQ(96.2100, 18.1050,
29.8250)**

Conversions

Conversions Part 1

Format	Color
Hex	84487F
RGB	132, 72, 127
RGB Percent	52%, 28%, 50%
CMY	0.4822, 0.7177, 0.5019
CMYK	0.00, 0.45, 0.04, 0.48
HSL	305°, 29%, 40%
HSV	305°, 45%, 52%
XYZ	15.6698, 11.0732, 21.3927
YIQ	96.2100, 18.1050, 29.8250

Conversions

Conversions Part 2

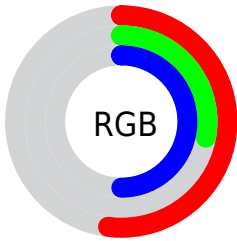
Format	Color
R_{YB}	132, 72, 127
Decimal	8669311
CIE _{Lab}	39.70, 34.06, -20.23
CIE _{LCh}	40, 39.617, 329.296
Yxy	11.0732, 0.3255, 0.2300
Android (android.graphics.Color)	4286859391 (0xFF84487F)
YUV	96.2100, 15.1795, 31.3878
Hunter-Lab	33.2764, 25.8217, -14.8228

Details

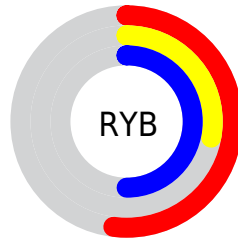
The YIQ color **96.2100, 18.1050, 29.8250** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **107.7900, -18.1050, -29.8250**, and the grayscale version is **96.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **147.7480, 19.5260, 31.6060**, and **47.1990, 16.6380, 28.8780** is the 20% darker color. If you saturate the color by 10%, you get **88.4650, 22.0010, 36.3130**, and if you desaturate by 10%, it is **103.9550, 14.2090, 23.3370**.

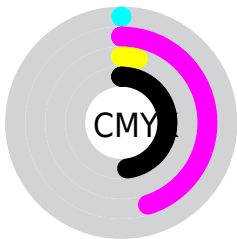
Distribution



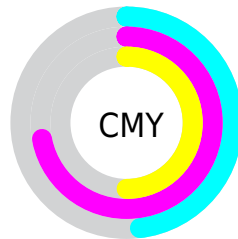
- Red (52%)
- Green (28%)
- Blue (50%)



- Red (52%)
- Yellow (28%)
- Blue (50%)



- Cyan (0%)
- Magenta (45%)
- Yellow (4%)
- Black (48%)



- Cyan (48%)
- Magenta (72%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 96.2100, 18.1050, 29.8250 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 96.2100, 18.1050, 29.8250 by changing the saturation by 10% instead.

96.2100, 18.1050,
29.8250

96.2100, 18.1050,
29.8250

255.0000, -0.0000,
-0.0000

71.4980, 17.2340,
29.0900

147.7480, 19.5260,
31.6060

47.1990, 16.6380,
28.8780

175.4600, 20.3970,
32.3410

23.0140, 15.7210,
28.9770

202.8730, 20.6720,
32.8640

14.9390, 11.1380,
18.4180

225.0630, 14.0250,
26.6730

0.6840, -1.9260,
1.8660

241.4990, 6.3250,
12.0290

0.0000, 0.0000,
0.0000

96.2100, 18.1050,
29.8250

96.2100, 18.1050,
29.8250

88.4650, 22.0010,
36.3130

103.9550, 14.2090,
23.3370

80.7200, 25.8970,
42.8010

111.7000, 10.3130,
16.8490

72.3880, 30.0680,
49.8120

120.0320, 6.1420,
9.8380

64.6430, 33.9640,
56.3000

127.7770, 2.2460,
3.3500

56.7840, 38.1810,
62.4770

135.6360, -1.9710,
-2.8270


53.2620, 39.8310,
65.6150

143.3810, -5.8670,
-9.3150

151.1260, -9.7630,
-15.8030

159.4580,

-13.9340, -22.8140

 167.2030,
-17.8300, -29.3020

Harmonies

Analogous

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



94.8020, -16.0970, 21.9110



96.2100, 18.1050, 29.8250



93.6610, 41.5800, 28.3960

Triad

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



96.2100, 18.1050, 29.8250



90.2280, 33.7480, -16.9080



78.1190, -69.7790, -18.4430

Complementary

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



96.2100, 18.1050, 29.8250



107.7900, -18.1050, -29.8250

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.



74.4710, -59.5070, -28.3950



96.2100, 18.1050, 29.8250



86.6700, 8.7160, -25.8120

Square

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



96.2100, 18.1050, 29.8250



91.6680, 47.7290, -0.4550



79.7010, -28.1000, -30.4040



78.6210, -76.7040, -8.5760

Rectangle

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



96.2100, 18.1050, 29.8250



92.3380, 49.5590, 21.4550



79.7010, -28.1000, -30.4040



76.9790, -66.5690, -21.5530

Sweetspot

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



96.2100, 18.1050, 29.8250



156.6840, 7.2420, 11.9300



80.3350, -16.2800, 19.7200



77.9670, 4.7670, 7.2230



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



96.2100, 18.1050, 29.8250



114.9100, 28.4180, 46.6740



92.7900, 27.7350, 20.4950



62.4780, 1.6500, 3.1380



52.4360, 39.2810, 64.5690



1.1250, 1.1460, 1.2580

Inverse Universe

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



96.2100, 18.1050, 29.8250



114.9100, 28.4180, 46.6740



111.2100, -27.7350, -20.4950



62.4780, 1.6500, 3.1380



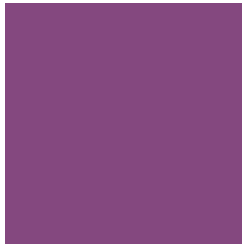
52.4360, 39.2810, 64.5690



1.1250, 1.1460, 1.2580

Previews

White Background



This preview shows how the YIQ color 96.2100, 18.1050, 29.8250 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



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

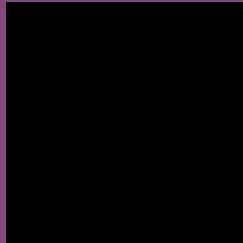
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 96.2100, 18.1050, 29.8250

Background



This preview shows how black text looks on a background with the YIQ color 96.2100, 18.1050, 29.8250.



This preview shows how white text looks on a background with the YIQ color 96.2100, 18.1050,

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

96.2100, 18.1050, 29.8250

Protanopia

93.0300, -25.9070, 12.4690

Deuteranopia

94.0390, -12.9310, 8.5810



Tritanopia

95.4380, 25.4900, 11.6180

Trichromacy



Original Color

96.2100, 18.1050, 29.8250

Protanomaly

94.2170, -10.1360, 18.5040

Deuteranomaly

94.8280, -1.7910, 15.9450

Tritanomaly

95.9850, 22.6920, 18.2760

Monochromacy



Original Color

96.2100, 18.1050, 29.8250

Achromatopsia

96.0000, -0.0000, 0.0000

Achromatomaly

95.8580, 6.6920, 10.8840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 96.2100, 18.1050, 29.8250 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(132, 72, 127)` looks like.

```
.text, #text, p{  
    color:rgb(132, 72, 127)  
}
```

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(132, 72, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 72, 127) }
```

Border

The CSS property to change the border of an element to YIQ 96.2100, 18.1050, 29.8250 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(132, 72, 127) }
```


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

```
.border{ border-color:rgb(132, 72, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 72, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 72, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 72, 127);  
box-shadow:4px 4px 4px 4px rgb(132, 72,  
127) }
```

Background

The CSS property to change the background color of an element to YIQ 96.2100, 18.1050, 29.8250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 72, 127) }
```

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

```
.background{ background-color: rgb(132, 72,  
127) }
```

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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