

Converting Colors

YIQ(82.9010, 24.6100, 60.6260)

Have a look what the booklet for
YIQ(82.9010, 24.6100, 60.6260)
contains.

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Color

**YIQ(82.9010, 24.6100,
60.6260)**

Conversions

Conversions Part 1

Format	Color
Hex	90259F
RGB	144, 37, 159
RGB Percent	56%, 15%, 62%
CMY	0.4350, 0.8551, 0.3765
CMYK	0.09, 0.77, 0.00, 0.38
HSL	293°, 62%, 38%
HSV	293°, 77%, 62%
XYZ	18.4346, 9.7605, 33.7136
YIQ	82.9010, 24.6100, 60.6260

Conversions

Conversions Part 2

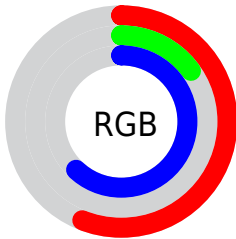
Format	Color
R_{YB}	144, 37, 159
Decimal	9446815
CIE _{Lab}	37.41, 59.21, -43.22
CIE _{LCh}	37, 73.308, 323.874
Yxy	9.7605, 0.2978, 0.1577
Android (android.graphics.Color)	4287636895 (0xFF90259F)
YUV	82.9010, 37.5168, 53.5838
Hunter-Lab	31.2418, 50.6531, -42.1118

Details

The YIQ color **82.9010, 24.6100, 60.6260** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **113.0990, -24.6100, -60.6260**, and the grayscale version is **83.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **139.6730, 25.2520, 60.0040**, and **38.8090, 18.6970, 52.1450** is the 20% darker color. If you saturate the color by 10%, you get **72.9110, 27.8180, 68.5700**, and if you desaturate by 10%, it is **92.8910, 21.4020, 52.6820**.

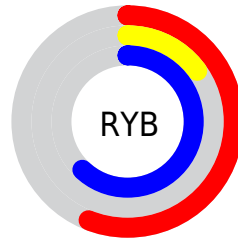
Distribution



Red (56%)

Green (15%)

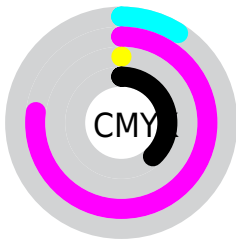
Blue (62%)



Red (56%)

Yellow (15%)

Blue (62%)

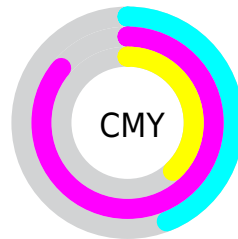


Cyan (9%)

Magenta (77%)

Yellow (0%)

Black (38%)



Cyan (44%)


Magenta (86%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 82.9010, 24.6100, 60.6260 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 82.9010, 24.6100, 60.6260 by changing the saturation by 10% instead.


 82.9010, 24.6100,
60.6260


 82.9010, 24.6100,
60.6260


255.0000, -0.0000,
-0.0000


 49.7320, 26.7640,
65.6440

 139.6730, 25.2520,
60.0040


 38.8090, 18.6970,
52.1450


 168.0860, 25.5270,
60.5270


 27.8860, 10.6300,
38.6460


 192.7780, 29.1500,
55.4380

 17.9740, 4.0300,
26.0940

 209.2140, 21.4500,
40.7940

 3.9900, -11.2350,
10.8850

 226.2370, 13.4750,
25.6270

 1.1400, -3.2100,
3.1100

 243.2600, 5.5000,

 0.0000, 0.0000,

10.4600

0.0000

■ 82.9010, 24.6100,
60.6260

■ 82.9010, 24.6100,
60.6260

■ 72.9110, 27.8180,
68.5700

■ 92.8910, 21.4020,
52.6820

■ 62.9210, 31.0260,
76.5140

■ 102.8810, 18.1940,
44.7380

■ 59.9860, 32.4010,
79.1290

■ 112.8710, 14.9860,
36.7940

■ 122.8610, 11.7780,
28.8500

■ 132.2640, 8.8450,
21.4290

■ 142.2540, 5.6370,
13.4850

■ 152.2440, 2.4290,
5.5410

■ 162.2340, -0.7790,
-2.4030

■ 172.2240, -3.9870,
-10.3470

Harmonies

Analogous

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



75.5340, -70.7040, 25.8720



82.9010, 24.6100, 60.6260



66.1600, 75.4090, 70.6170

Triad

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



82.9010, 24.6100, 60.6260



83.4160, 47.7780, -17.8700



81.1340, -74.1350, -16.5910

Complementary

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



82.9010, 24.6100, 60.6260



113.0990, -24.6100, -60.6260

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.



73.5930, -54.2790, -35.0390



82.9010, 24.6100, 60.6260



76.6510, 9.7270, -38.6330

Square

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



82.9010, 24.6100, 60.6260



77.7770, 81.3350, 7.2470



62.8090, -29.4250, -55.9610



85.5460, -89.3140, -0.3060

Rectangle

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



82.9010, 24.6100, 60.6260



63.2090, 90.9080, 59.5480



62.8090, -29.4250, -55.9610



78.8540, -67.7150, -22.8110

Sweetspot

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



82.9010, 24.6100, 60.6260



177.0300, 9.6240, 23.8320



60.3000, -43.5620, 29.5740



86.1940, 5.8660, 14.8420



232.0000, -0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



82.9010, 24.6100, 60.6260



88.2940, 37.9460, 94.2820



82.2560, 47.9950, 49.8110



74.0050, 1.6040, 3.9720



53.6770, 28.5970, 70.9730



5.5970, 2.9330, 7.4210

Inverse Universe

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



75.1880, 67.8970, 30.5290



76.4320, 105.8570, 47.4330



113.7440, -47.9950, -49.8110



73.5060, 4.4470, 2.0070



44.6950, 79.7710, 35.6030



4.7130, 8.2980, 3.8020

Previews

White Background



This preview shows how the YIQ color 82.9010, 24.6100, 60.6260 looks on a white background.

Color Contrast Check

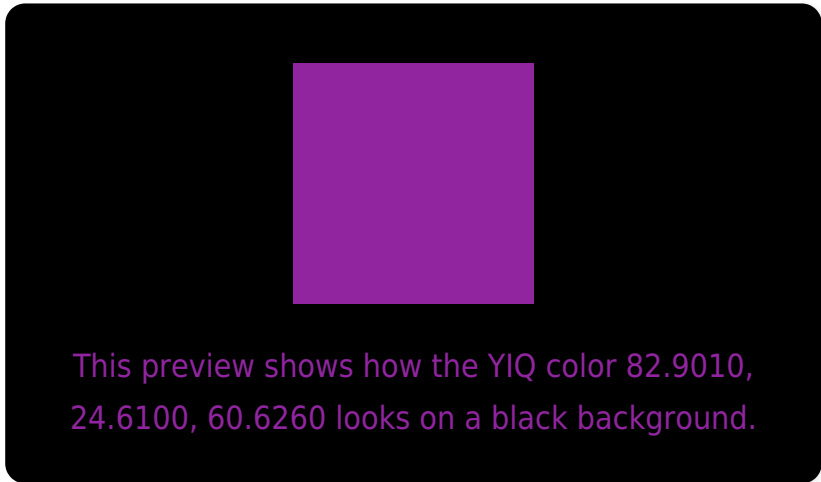
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

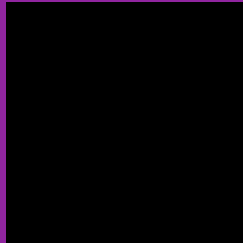
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 82.9010, 24.6100, 60.6260

Background



This preview shows how black text looks on a background with the YIQ color 82.9010, 24.6100, 60.6260.



This preview shows how white text looks on a background with the YIQ color 82.9010, 24.6100,

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

82.9010, 24.6100, 60.6260

Protanopia

71.2300, -82.0720, 11.6240

Deuteranopia

83.4990, -46.4010, 9.4310



Tritanopia

88.7060, 36.5390, 15.1230

Trichromacy



Original Color

82.9010, 24.6100, 60.6260

Protanomaly

75.3000, -43.5620, 29.5740

Deuteranomaly

83.4520, -20.6830, 27.9330

Tritanomaly

86.3920, 32.2720, 31.8880

Monochromacy



Original Color

82.9010, 24.6100, 60.6260

Achromatopsia

83.0000, -0.0000, 0.0000

Achromatomaly

82.7910, 8.7990, 22.2630

CSS Examples

Text

The CSS property to change the color of the text to YIQ 82.9010, 24.6100, 60.6260 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(144, 37, 159)` looks like.

```
.text, #text, p{  
    color:rgb(144, 37, 159)  
}
```

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(144, 37, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 37, 159) }
```

Border

The CSS property to change the border of an element to YIQ 82.9010, 24.6100, 60.6260 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(144, 37, 159) }
```


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

```
.border{ border-color:rgb(144, 37, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 37, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 37, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 37, 159);  
box-shadow:4px 4px 4px 4px rgb(144, 37,  
159) }
```

Background

The CSS property to change the background color of an element to YIQ 82.9010, 24.6100, 60.6260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 37, 159) }
```

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

```
.background{ background-color: rgb(144, 37,  
159) }
```

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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