

Converting Colors

YIQ(64.6410, 81.0040, 62.8280)

Have a look what the booklet for
YIQ(64.6410, 81.0040, 62.8280)
contains.

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Color

**YIQ(64.6410, 81.0040,
62.8280)**

Conversions

Conversions Part 1

Format	Color
Hex	B50252
RGB	181, 2, 82
RGB Percent	71%, 1%, 32%
CMY	0.2897, 0.9923, 0.6782
CMYK	0.00, 0.99, 0.55, 0.29
HSL	333°, 98%, 36%
HSV	333°, 99%, 71%
XYZ	20.6309, 10.4904, 8.9333
YIQ	64.6410, 81.0040, 62.8280

Conversions

Conversions Part 2

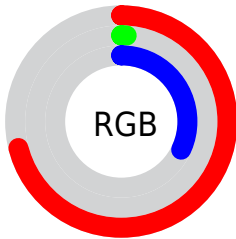
Format	Color
RYB	181, 2, 82
Decimal	11862610
CIELab	38.71, 64.68, 7.42
CIELCh	39, 65.101, 6.544
Yxy	10.4904, 0.5151, 0.2619
Android (android.graphics.Color)	4290052690 (0xFFB50252)
YUV	64.6410, 8.5580, 102.0468
Hunter-Lab	32.3889, 57.0194, 6.3192

Details

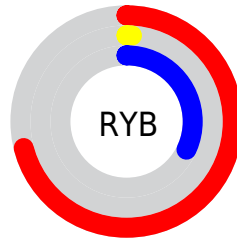
The YIQ color **64.6410, 81.0040, 62.8280** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **118.3590, -81.0040, -62.8280**, and the grayscale version is **64.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **135.4260, 79.6310, 49.1590**, and **40.5110, 59.9180, 37.4700** is the 20% darker color. If you saturate the color by 10%, you get **63.3530, 81.8750, 63.5630**, and if you desaturate by 10%, it is **76.3470, 72.8440, 56.5240**.

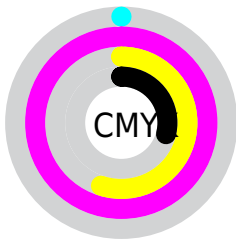
Distribution



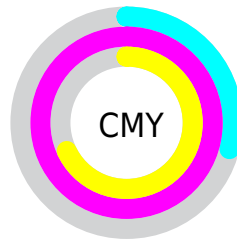
- Red (71%)
- Green (1%)
- Blue (32%)



- Red (71%)
- Yellow (1%)
- Blue (32%)



- Cyan (0%)
- Magenta (99%)
- Yellow (55%)
- Black (29%)





- Cyan (29%)
- Magenta (99%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 64.6410, 81.0040, 62.8280 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 64.6410, 81.0040, 62.8280 by changing the saturation by 10% instead.


 64.6410, 81.0040,
62.8280


 64.6410, 81.0040,
62.8280


255.0000, -0.0000,
-0.0000


 51.8750, 71.0570,
50.3610


 135.7250, 80.2270,
49.3710


 40.5110, 59.9180,
37.4700


 159.8870, 70.7830,
44.3110


 29.4460, 49.3750,
24.7910

 179.4010, 54.4160,
38.0640

 19.4780, 37.1810,
14.5010

 199.5020, 37.7740,
31.2940

 9.0840, 17.5590,
6.6710

 219.8310, 20.4900,
25.1460

 0.0000, 0.0000,
0.0000

 239.1510, 7.4250,

14.1210

■ 64.6410, 81.0040,
62.8280

■ 64.6410, 81.0040,
62.8280

■ 63.3530, 81.8750,
63.5630

■ 76.3470, 72.8440,
56.5240

■ 88.0530, 64.6840,
50.2200

■ 99.7590, 56.5240,
43.9160

■ 111.4650, 48.3640,
37.6120

■ 123.7580, 39.9290,
30.7850

■ 135.4640, 31.7690,
24.4810

■ 147.1700, 23.6090,
18.1770

■ 158.8760, 15.4490,
11.8730

■ 170.5820, 7.2890,
5.5690

Harmonies

Analogous

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



83.9600, 43.3170, 57.5010



64.6410, 81.0040, 62.8280



78.7410, 82.1570, 25.3970

Triad

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



64.6410, 81.0040, 62.8280



73.8940, -4.4390, -46.2230



84.9420, -90.3690, 2.2950

Complementary

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



64.6410, 81.0040, 62.8280



118.3590, -81.0040, -62.8280

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.



83.7730, -80.1880, -11.5160



64.6410, 81.0040, 62.8280



70.4010, -45.2910, -43.7470

Square

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



64.6410, 81.0040, 62.8280



85.0890, 35.2170, -27.0150



77.9590, -63.8170, -27.3770



78.3370, -89.6830, 11.8930

Rectangle

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



64.6410, 81.0040, 62.8280



83.3260, 75.0550, -0.0890



77.9590, -63.8170, -27.3770



85.0900, -88.0300, -1.5500

Sweetspot

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



64.6410, 81.0040, 62.8280



188.8770, 32.0440, 25.0040



51.7080, 0.9490, 76.4450



89.7240, 18.9330, 14.8130



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



64.6410, 81.0040, 62.8280



82.2350, 106.3550, 82.4750



60.8040, 104.2090, 33.2410



86.1470, 4.0800, 3.1520



54.6240, 70.5060, 54.8420



9.8540, 12.5150, 9.9790

Inverse Universe

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



64.6410, 81.0040, 62.8280



82.2350, 106.3550, 82.4750



122.1960, -104.2090, -33.2410



86.1470, 4.0800, 3.1520



54.6240, 70.5060, 54.8420



9.8540, 12.5150, 9.9790

Previews

White Background



This preview shows how the YIQ color 64.6410, 81.0040, 62.8280 looks on a white background.

Color Contrast Check

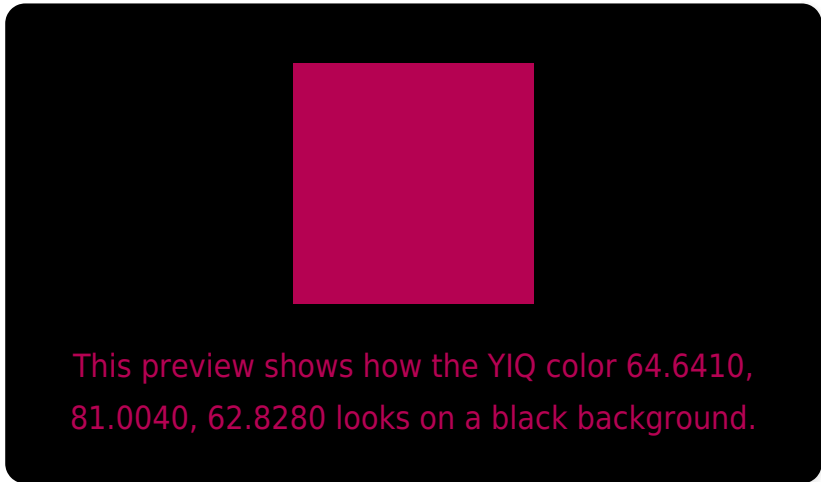
Large Text (above 18pt) WCAG AA ✓ Pass

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

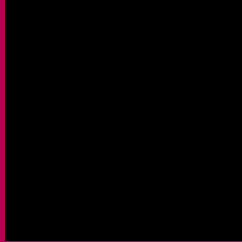
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 64.6410, 81.0040, 62.8280

Background



This preview shows how black text looks on a background with the YIQ color 64.6410, 81.0040, 62.8280.



This preview shows how white text looks on a background with the YIQ color 64.6410, 81.0040,

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

64.6410, 81.0040, 62.8280

Protanopia

94.1700, -11.9220, 6.8140

Deuteranopia

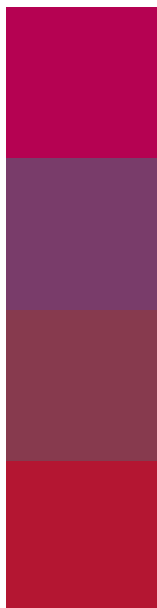
93.9710, 16.1390, -0.6370



Tritanopia

76.5400, 87.3370, 30.6410

Trichromacy



Original Color

64.6410, 81.0040, 62.8280

Protanomaly

83.4830, 21.5900, 27.2380

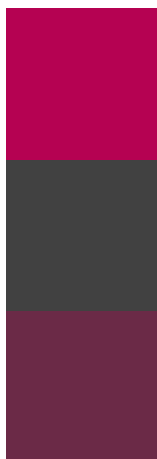
Deuteranomaly

83.3030, 39.4720, 22.5440

Tritanomaly

72.4340, 85.1800, 42.2040

Monochromacy



Original Color

64.6410, 81.0040, 62.8280

Achromatopsia

65.0000, -0.0000, -0.0000

Achromatomaly

64.7410, 29.4310, 22.7990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 64.6410, 81.0040, 62.8280 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, 2, 82)` looks like.

```
.text, #text, p{  
    color:rgb(181, 2, 82)  
}
```

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, 2, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 2, 82) }
```

Border

The CSS property to change the border of an element to YIQ 64.6410, 81.0040, 62.8280 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, 2, 82) }
```


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

```
.border{ border-color:rgb(181, 2, 82) }
```

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

Here you see how a box with a 4 pixel rgb(181, 2, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 2, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 2, 82);  
box-shadow:4px 4px 4px 4px rgb(181, 2, 82)  
}
```

Background

The CSS property to change the background color of an element to YIQ 64.6410, 81.0040, 62.8280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 2, 82) }
```

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

```
.background{ background-color: rgb(181, 2,  
82) }
```

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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