

Converting Colors

YIQ(62.5460, 88.3410, 56.5090)

Have a look what the booklet for
YIQ(62.5460, 88.3410, 56.5090)
contains.

YIQ(62.5460, 88.3410, 56.5090)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(62.5460, 88.3410,
56.5090)**

Conversions

Conversions Part 1

Format	Color
Hex	B6023D
RGB	182, 2, 61
RGB Percent	71%, 1%, 24%
CMY	0.2858, 0.9923, 0.7605
CMYK	0.00, 0.99, 0.66, 0.29
HSL	340°, 98%, 36%
HSV	340°, 99%, 71%
XYZ	20.1847, 10.3391, 5.3577
YIQ	62.5460, 88.3410, 56.5090

Conversions

Conversions Part 2

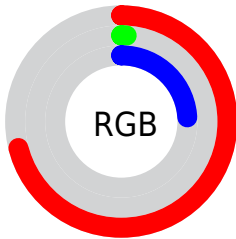
Format	Color
RYB	182, 2, 61
Decimal	11928125
CIELab	38.44, 63.63, 20.58
CIELCh	38, 66.880, 17.923
Yxy	10.3391, 0.5625, 0.2881
Android (android.graphics.Color)	4290118205 (0xFFB6023D)
YUV	62.5460, -0.7622, 104.7612
Hunter-Lab	32.1544, 55.7819, 12.6290

Details

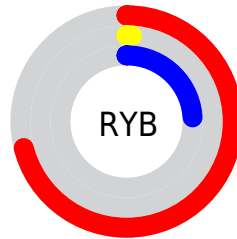
The YIQ color **62.5460, 88.3410, 56.5090** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **121.4540, -88.3410, -56.5090**, and the grayscale version is **62.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **133.4020, 88.2060, 42.4300**, and **38.4590, 65.6960, 31.8720** is the 20% darker color. If you saturate the color by 10%, you get **61.2580, 89.2120, 57.2440**, and if you desaturate by 10%, it is **74.4800, 79.5390, 50.8270**.

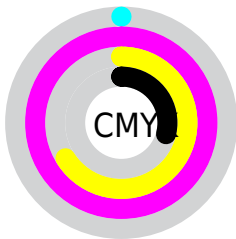
Distribution



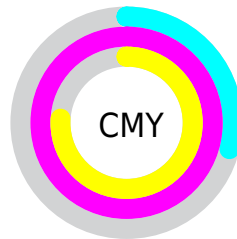
- Red (71%)
- Green (1%)
- Blue (24%)



- Red (71%)
- Yellow (1%)
- Blue (24%)



- Cyan (0%)
- Magenta (99%)
- Yellow (66%)
- Black (29%)





- Cyan (29%)
- Magenta (99%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 62.5460, 88.3410, 56.5090 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 62.5460, 88.3410, 56.5090 by changing the saturation by 10% instead.


 62.5460, 88.3410,
56.5090


 62.5460, 88.3410,
56.5090


255.0000, -0.0000,
-0.0000


 49.7090, 77.1560,
44.4520


 133.7010, 88.8020,
42.6420


 38.4590, 65.6960,
31.8720


 156.5640, 78.7620,
37.3700


 27.2090, 54.2360,
19.2920

 175.9640, 62.7160,
30.8120

 19.1790, 36.5850,
14.2890

 196.0650, 46.0740,
24.0420

 8.1870, 15.7710,
6.0350

 216.2800, 29.1110,
17.5830

 0.0000, 0.0000,
0.0000

 237.0820, 11.8730,

■ 62.5460, 88.3410,
56.5090

■ 62.5460, 88.3410,
56.5090

■ 61.2580, 89.2120,
57.2440

■ 74.4800, 79.5390,
50.8270

■ 86.5280, 70.4160,
45.4560

■ 99.0490, 61.3390,
39.2510

■ 110.9830, 52.5370,
33.5690

■ 122.9170, 43.7350,
27.8870

■ 134.8510, 34.9330,
22.2050

■ 146.8990, 25.8100,
16.8340

■ 159.4200, 16.7330,
10.6290

■ 171.3540, 7.9310,
4.9470

Harmonies

Analogous

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



68.6580, 65.1390, 69.5150



62.5460, 88.3410, 56.5090



79.2010, 83.0770, 8.7170

Triad

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



62.5460, 88.3410, 56.5090



62.8090, -29.4250, -55.9610



83.6200, -92.1580, 7.1860

Complementary

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



62.5460, 88.3410, 56.5090



121.4540, -88.3410, -56.5090

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.



84.6510, -85.4160, -4.8720



62.5460, 88.3410, 56.5090



73.2680, -51.9860, -38.0500

Square

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



62.5460, 88.3410, 56.5090



81.7450, 21.3260, -34.0820



80.3530, -70.5580, -20.8460



72.7120, -86.2450, 15.6670

Rectangle

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



62.5460, 88.3410, 56.5090



84.7220, 64.8320, -7.5520



80.3530, -70.5580, -20.8460



84.6970, -91.0570, 3.7510

Sweetspot

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



62.5460, 88.3410, 56.5090



189.8510, 34.9330, 22.2050



58.4000, 13.7400, 81.4200



91.4530, 21.1340, 13.4700



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



62.5460, 88.3410, 56.5090



79.7550, 116.2140, 74.5020



73.4300, 99.0300, 22.4700



86.0330, 4.4010, 2.8410



52.4580, 76.6050, 48.9330



9.3980, 13.7990, 8.7350

Inverse Universe

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



62.5460, 88.3410, 56.5090



79.7550, 116.2140, 74.5020



110.5700, -99.0300, -22.4700



86.0330, 4.4010, 2.8410



52.4580, 76.6050, 48.9330



9.3980, 13.7990, 8.7350

Previews

White Background



This preview shows how the YIQ color 62.5460, 88.3410, 56.5090 looks on a white background.

Color Contrast Check

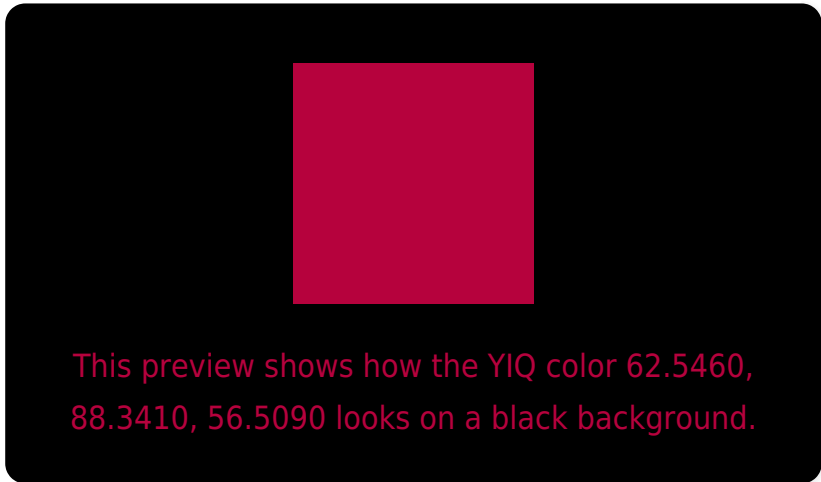
Large Text (above 18pt) WCAG AA ✓ Pass

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

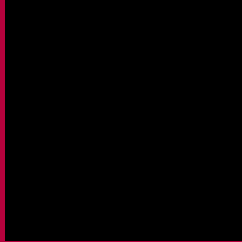
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 62.5460, 88.3410, 56.5090

Background



This preview shows how black text looks on a background with the YIQ color 62.5460, 88.3410, 56.5090.



This preview shows how white text looks on a background with the YIQ color 62.5460, 88.3410,

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

62.5460, 88.3410, 56.5090

Protanopia

93.2560, 2.1550, -0.5090

Deuteranopia

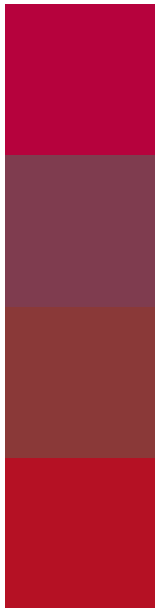
92.0720, 25.8600, -6.1080



Tritanopia

71.3020, 93.9390, 32.1390

Trichromacy



Original Color

62.5460, 88.3410, 56.5090

Protanomaly

82.1990, 33.8330, 20.1130

Deuteranomaly

81.1050, 48.5970, 16.8610

Tritanomaly

68.2020, 91.6450, 40.6770

Monochromacy



Original Color

62.5460, 88.3410, 56.5090

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

62.8290, 31.9990, 20.3110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 62.5460, 88.3410, 56.5090 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(182, 2, 61)` looks like.

```
.text, #text, p{  
    color:rgb(182, 2, 61)  
}
```

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(182, 2, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 2, 61) }
```

Border

The CSS property to change the border of an element to YIQ 62.5460, 88.3410, 56.5090 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(182, 2, 61) }
```


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

```
.border{ border-color:rgb(182, 2, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 2, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 2, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 2, 61);  
box-shadow:4px 4px 4px 4px rgb(182, 2, 61)  
}
```

Background

The CSS property to change the background color of an element to YIQ 62.5460, 88.3410, 56.5090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 2, 61) }
```

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

```
.background{ background-color: rgb(182, 2,  
61) }
```

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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