

Converting Colors

YIQ(62.5590, 61.1040, 71.0560)

Have a look what the booklet for
YIQ(62.5590, 61.1040, 71.0560)
contains.

YIQ(62.5590, 61.1040, 71.0560)	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(62.5590, 61.1040,
71.0560)**

Conversions

Conversions Part 1

Format	Color
Hex	A50074
RGB	165, 0, 116
RGB Percent	65%, 0%, 45%
CMY	0.3525, 0.9999, 0.5449
CMYK	0.00, 1.00, 0.30, 0.35
HSL	318°, 100%, 32%
HSV	318°, 100%, 65%
XYZ	18.6964, 9.2739, 17.3395
YIQ	62.5590, 61.1040, 71.0560

Conversions

Conversions Part 2

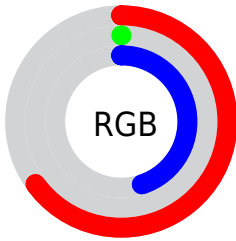
Format	Color
RYB	165, 0, 116
Decimal	10813556
CIELab	36.51, 64.47, -17.88
CIElCh	37, 66.900, 344.500
Yxy	9.2739, 0.4126, 0.2047
Android (android.graphics.Color)	4289003636 (0xFFA50074)
YUV	62.5590, 26.3464, 89.8408
Hunter-Lab	30.4531, 56.2954, -12.4416

Details

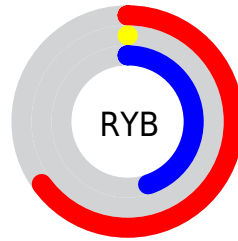
The YIQ color **62.5590, 61.1040, 71.0560** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **102.4410, -61.1040, -71.0560**, and the grayscale version is **62.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **133.0880, 57.5760, 57.8960**, and **40.0440, 42.5400, 44.0440** is the 20% darker color. If you saturate the color by 10%, you get **62.5590, 61.1040, 71.0560**, and if you desaturate by 10%, it is **73.1080, 54.8240, 63.7200**.

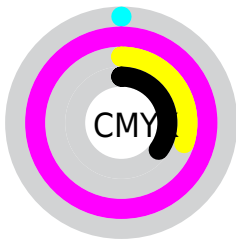
Distribution



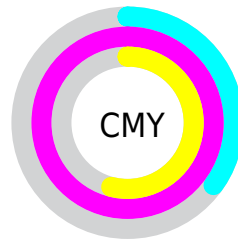
- Red (65%)
- Green (0%)
- Blue (45%)



- Red (65%)
- Yellow (0%)
- Blue (45%)



- Cyan (0%)
- Magenta (100%)
- Yellow (30%)
- Black (35%)





- Cyan (35%)
- Magenta (100%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 62.5590, 61.1040, 71.0560 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 62.5590, 61.1040, 71.0560 by changing the saturation by 10% instead.


 62.5590, 61.1040,
71.0560


 62.5590, 61.1040,
71.0560


255.0000, -0.0000,
-0.0000


 51.0380, 51.8450,
57.1330


 133.0880, 57.5760,
57.8960


 40.0440, 42.5400,
44.0440


 162.1590, 58.8140,
57.4860

 29.0500, 33.2350,
30.9550

 182.0860, 42.7220,
51.7620

 18.9960, 24.1590,
19.2230

 202.4150, 25.4380,
45.6140

 4.7840, 9.5360,
3.3920

 219.7800, 16.5000,
31.3800

 0.0000, 0.0000,
0.0000

 236.8030, 8.5250,

16.2130

254.4130, 0.2750,
0.5230

■ 62.5590, 61.1040,
71.0560

■ 73.1080, 54.8240,
63.7200

■ 83.0700, 48.8190,
56.9070

■ 93.6190, 42.5390,
49.5710

■ 103.5810, 36.5340,
42.7580

■ 114.1300, 30.2540,
35.4220

■ 123.9780, 24.5700,
28.2980

■ 134.5270, 18.2900,
20.9620

■ 144.4890, 12.2850,
14.1490

■ 155.0380, 6.0050,
6.8130

Harmonies

Analogous

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



86.2630, 2.5590, 47.2550



62.5590, 61.1040, 71.0560



60.1050, 85.2690, 57.1170

Triad

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



62.5590, 61.1040, 71.0560



78.5220, 23.5720, -30.7320



81.1630, -81.1060, -5.8900

Complementary

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



62.5590, 61.1040, 71.0560



102.4410, -61.1040, -71.0560

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.



76.0500, -65.3310, -21.9630



62.5590, 61.1040, 71.0560



59.8740, -28.0500, -53.3460

Square

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



62.5590, 61.1040, 71.0560



81.1230, 56.2130, -11.0430



68.4920, -46.8050, -38.3330



80.4740, -88.8110, 7.1010

Rectangle

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



62.5590, 61.1040, 71.0560



68.9850, 84.5860, 30.9380



68.4920, -46.8050, -38.3330



80.0400, -76.5660, -11.0780

Sweetspot

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



62.5590, 61.1040, 71.0560



174.2660, 23.6990, 27.5630



32.8630, -24.9530, 61.2790



83.4400, 13.9810, 16.4530



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



62.5590, 61.1040, 71.0560



81.2000, 79.0730, 92.3290



53.4390, 86.7840, 46.1760



76.3750, 3.4380, 3.7740



54.9830, 53.6780, 62.4620



6.8640, 6.5550, 7.8590

Inverse Universe

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



62.5590, 61.1040, 71.0560



81.2000, 79.0730, 92.3290



111.5610, -86.7840, -46.1760



76.3750, 3.4380, 3.7740



54.9830, 53.6780, 62.4620



6.8640, 6.5550, 7.8590

Previews

White Background



This preview shows how the YIQ color 62.5590, 61.1040, 71.0560 looks on a white background.

Color Contrast Check

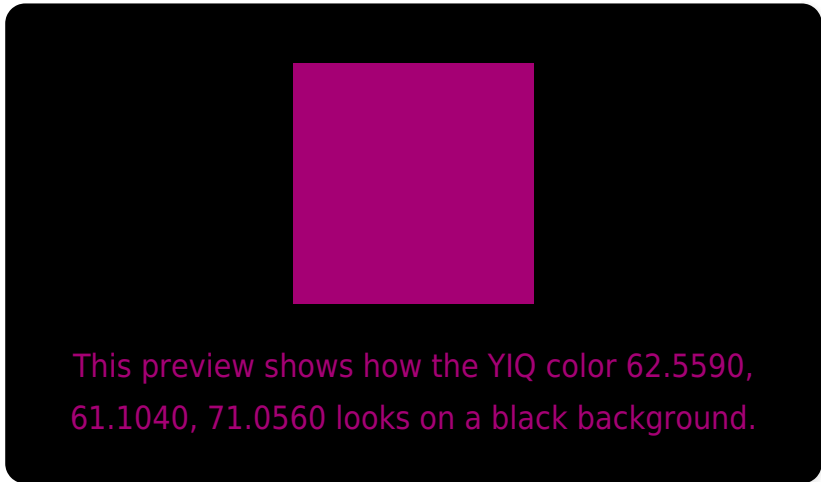
Large Text (above 18pt) WCAG AA ✓ Pass

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

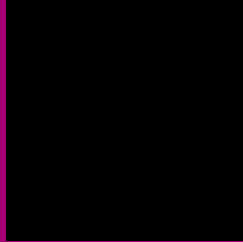
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 62.5590, 61.1040, 71.0560

Background



This preview shows how black text looks on a background with the YIQ color 62.5590, 61.1040, 71.0560.



This preview shows how white text looks on a background with the YIQ color 62.5590, 61.1040,

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

62.5590, 61.1040, 71.0560

Protanopia

83.3450, -48.6030, 16.3010

Deuteranopia

89.3940, -6.7410, 6.5310



Tritanopia

80.3140, 67.3020, 24.7900

Trichromacy



Original Color

62.5590, 61.1040, 71.0560

Protanomaly

75.9530, -8.6720, 36.0320

Deuteranomaly

79.3240, 17.7840, 30.1360

Tritanomaly

73.7830, 65.1440, 41.8800

Monochromacy



Original Color

62.5590, 61.1040, 71.0560

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

62.7280, 22.2780, 25.7820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 62.5590, 61.1040, 71.0560 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(165, 0, 116)` looks like.

```
.text, #text, p{  
    color:rgb(165, 0, 116)  
}
```

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(165, 0, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 0, 116) }
```

Border

The CSS property to change the border of an element to YIQ 62.5590, 61.1040, 71.0560 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(165, 0, 116) }
```


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

```
.border{ border-color:rgb(165, 0, 116) }
```

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

Here you see how a box with a 4 pixel rgb(165, 0, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 0, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 0, 116);  
box-shadow:4px 4px 4px 4px rgb(165, 0,  
116) }
```

Background

The CSS property to change the background color of an element to YIQ 62.5590, 61.1040, 71.0560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 0, 116) }
```

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

```
.background{ background-color: rgb(165, 0,  
116) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor