

Converting Colors

YIQ(62.4770, 22.8680, 59.1560)

Have a look what the booklet for
YIQ(62.4770, 22.8680, 59.1560)
contains.

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Color

**YIQ(62.4770, 22.8680,
59.1560)**

Conversions

Conversions Part 1

Format	Color
Hex	79128A
RGB	121, 18, 138
RGB Percent	47%, 7%, 54%
CMY	0.5252, 0.9296, 0.4588
CMYK	0.12, 0.87, 0.00, 0.46
HSL	292°, 77%, 31%
HSV	292°, 87%, 54%
XYZ	12.6996, 6.3370, 24.5984
YIQ	62.4770, 22.8680, 59.1560

Conversions

Conversions Part 2

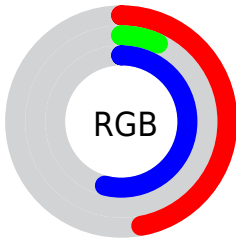
Format	Color
R_{YB}	121, 18, 138
Decimal	7934602
CIE _{Lab}	30.25, 56.27, -42.07
CIE _{LCh}	30, 70.262, 323.217
Yxy	6.3370, 0.2910, 0.1452
Android (android.graphics.Color)	4286124682 (0xFF79128A)
YUV	62.4770, 37.2328, 51.3247
Hunter-Lab	25.1734, 45.9969, -40.3141

Details

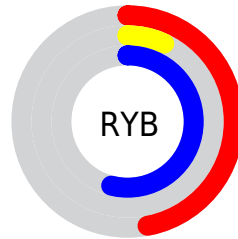
The YIQ color **62.4770, 22.8680, 59.1560** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **93.5230, -22.8680, -59.1560**, and the grayscale version is **62.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **120.5970, 22.4100, 56.4420**, and **29.9510, 12.0050, 41.2610** is the 20% darker color. If you saturate the color by 10%, you get **53.6610, 25.5260, 66.0540**, and if you desaturate by 10%, it is **71.2930, 20.2100, 52.2580**.

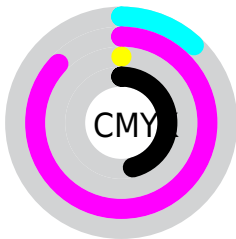
Distribution



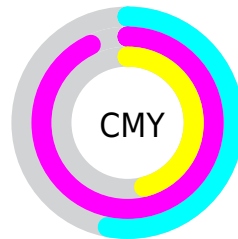
- Red (47%)
- Green (7%)
- Blue (54%)



- Red (47%)
- Yellow (7%)
- Blue (54%)



- Cyan (12%)
- Magenta (87%)
- Yellow (0%)
- Black (46%)



- Cyan (53%)
- Magenta (93%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 62.4770, 22.8680, 59.1560 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 62.4770, 22.8680, 59.1560 by changing the saturation by 10% instead.

62.4770, 22.8680,
59.1560

62.4770, 22.8680,
59.1560

255.0000, -0.0000,
-0.0000

40.8740, 20.0720,
54.7600

120.5970, 22.4100,
56.4420

29.9510, 12.0050,
41.2610

148.3090, 23.2810,
57.1770

20.6370, 6.5970,
29.1330

176.1350, 23.8310,
58.2230

5.7560, -10.4560,
13.2880

199.2350, 26.1250,
49.6850


2.6390, -6.0530,
5.0750

215.6710, 18.4250,
35.0410


0.0000, 0.0000,
0.0000


232.6940, 10.4500,


19.8740


 249.7170, 2.4750,
4.7070


 62.4770, 22.8680,
59.1560


 62.4770, 22.8680,
59.1560


 53.6610, 25.5260,
66.0540


 71.2930, 20.2100,
52.2580

 51.3130, 26.6260,
68.1460

 80.1090, 17.5520,
45.3600

 88.3380, 15.1690,
38.9850

 97.1540, 12.5110,
32.0870

 105.9700, 9.8530,
25.1890

■ 114.7860, 7.1950,
18.2910

■ 123.6020, 4.5370,
11.3930

■ 131.8310, 2.1540,
5.0180

■ 140.6470, -0.5040,
-1.8800

Harmonies

Analogous

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



56.8170, -73.1790, 21.1650



62.4770, 22.8680, 59.1560



56.7470, 65.9660, 60.0300

Triad

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



62.4770, 22.8680, 59.1560



67.4570, 40.5330, -13.2190



66.8860, -61.5730, -12.9730

Complementary

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



62.4770, 22.8680, 59.1560



93.5230, -22.8680, -59.1560

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.



59.9150, -43.3220, -29.8660



62.4770, 22.8680, 59.1560



61.3010, 5.1410, -32.6110

Square

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



62.4770, 22.8680, 59.1560



60.3340, 72.5770, 11.7850



51.6560, -24.2000, -46.0240



71.6570, -76.3850, 2.1670

Rectangle

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



62.4770, 22.8680, 59.1560



53.8390, 79.9060, 49.6820



51.6560, -24.2000, -46.0240



64.8340, -55.7950, -18.5710

Sweetspot

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



62.4770, 22.8680, 59.1560



149.3180, 8.7530, 23.0970



42.2460, -43.4700, 27.9060



71.9550, 5.0410, 13.2730



217.0000, -0.0000, 0.0000



89.0000, -0.0000, -0.0000

Same Dimension

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



62.4770, 22.8680, 59.1560



66.1530, 33.7290, 88.1050



62.7720, 46.4820, 49.6980



64.5920, 1.3290, 3.4490



49.2480, 25.2510, 65.5310



1.7660, 0.7790, 2.4030

Inverse Universe

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



55.8180, 66.0630, 30.7270



56.3710, 98.6590, 45.7230



93.2280, -46.4820, -49.6980



64.2070, 3.8510, 1.7950



41.9330, 73.1690, 34.1050



1.6090, 2.6590, 1.3710

Previews

White Background



This preview shows how the YIQ color 62.4770, 22.8680, 59.1560 looks on a white background.

Color Contrast Check

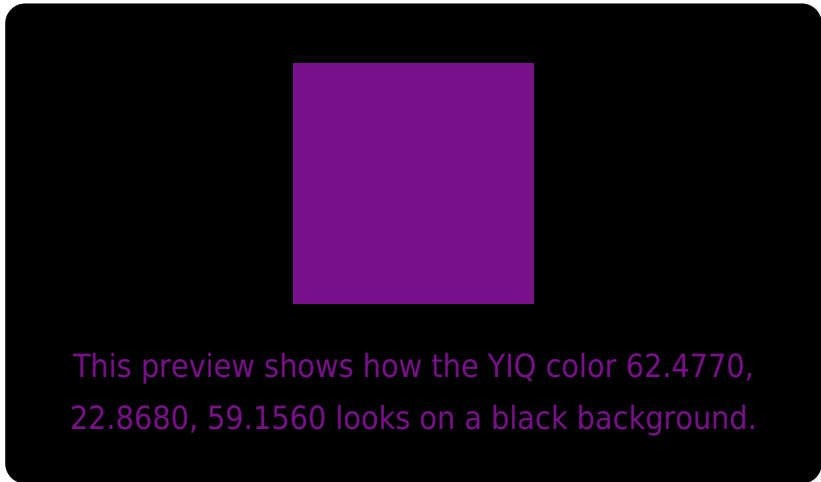
Large Text (above 18pt) WCAG AA ✓ Pass

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

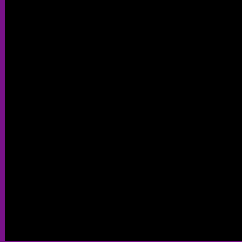
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 62.4770, 22.8680, 59.1560

Background



This preview shows how black text looks on a background with the YIQ color 62.4770, 22.8680, 59.1560.



This preview shows how white text looks on a background with the YIQ color 62.4770, 22.8680,

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

62.4770, 22.8680, 59.1560

Protanopia

58.6630, -67.3540, 9.2060

Deuteranopia

63.9390, -50.7560, 5.7560



Tritanopia

72.9010, 31.4960, 12.9040

Trichromacy



Original Color

62.4770, 22.8680, 59.1560

Protanomaly

60.2100, -34.6210, 27.2270

Deuteranomaly

63.6040, -24.1670, 24.9930

Tritanomaly

69.0710, 28.7420, 29.7820

Monochromacy



Original Color

62.4770, 22.8680, 59.1560

Achromatopsia

62.0000, -0.0000, -0.0000

Achromatomaly

62.0790, 7.9280, 21.5280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 62.4770, 22.8680, 59.1560 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(121, 18, 138)` looks like.

```
.text, #text, p{  
    color:rgb(121, 18, 138)  
}
```

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(121, 18, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 18, 138) }
```

Border

The CSS property to change the border of an element to YIQ 62.4770, 22.8680, 59.1560 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(121, 18, 138) }
```


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

```
.border{ border-color:rgb(121, 18, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 18, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 18, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 18, 138);  
box-shadow:4px 4px 4px 4px rgb(121, 18,  
138) }
```

Background

The CSS property to change the background color of an element to YIQ 62.4770, 22.8680, 59.1560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 18, 138) }
```

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

```
.background{ background-color: rgb(121, 18,  
138) }
```

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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