

Converting Colors

YIQ(62.7230, 30.9830, 60.7670)

Have a look what the booklet for
YIQ(62.7230, 30.9830, 60.7670)
contains.

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Color

**YIQ(62.7230, 30.9830,
60.7670)**

Conversions

Conversions Part 1

Format	Color
Hex	820F84
RGB	130, 15, 132
RGB Percent	51%, 6%, 52%
CMY	0.4898, 0.9413, 0.4823
CMYK	0.01, 0.89, 0.00, 0.48
HSL	299°, 80%, 29%
HSV	299°, 89%, 52%
XYZ	13.5550, 6.7593, 22.4230
YIQ	62.7230, 30.9830, 60.7670

Conversions

Conversions Part 2

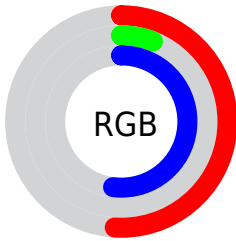
Format	Color
RYB	130, 15, 132
Decimal	8523652
CIELab	31.25, 57.56, -36.64
CIElCh	31, 68.227, 327.522
Yxy	6.7593, 0.3172, 0.1582
Android (android.graphics.Color)	4286713732 (0xFF820F84)
YUV	62.7230, 34.1536, 59.0019
Hunter-Lab	25.9986, 47.5680, -32.9368

Details

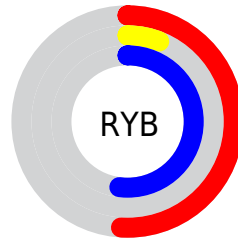
The YIQ color **62.7230, 30.9830, 60.7670** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **84.2770, -30.9830, -60.7670**, and the grayscale version is **62.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **122.6040, 29.7000, 56.4840**, and **32.0720, 18.9740, 41.6140** is the 20% darker color. If you saturate the color by 10%, you get **55.0920, 34.5580, 67.5660**, and if you desaturate by 10%, it is **70.3540, 27.4080, 53.9680**.

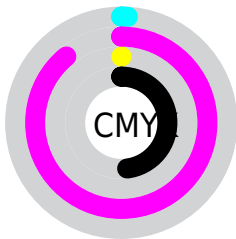
Distribution



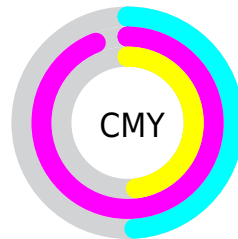
- Red (51%)
- Green (6%)
- Blue (52%)



- Red (51%)
- Yellow (6%)
- Blue (52%)



- Cyan (1%)
- Magenta (89%)
- Yellow (0%)
- Black (48%)



- Cyan (49%)
- Magenta (94%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 62.7230, 30.9830, 60.7670 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 62.7230, 30.9830, 60.7670 by changing the saturation by 10% instead.

62.7230, 30.9830,
60.7670

62.7230, 30.9830,
60.7670

255.0000, -0.0000,
-0.0000

42.8810, 27.3620,
54.8020

122.6040, 29.7000,
56.4840

32.0720, 18.9740,
41.6140

150.9030, 30.2960,
56.6960

22.1600, 12.3740,
29.0620

178.9140, 31.7630,
57.6430

10.3830, 0.9600,
15.6480

199.8220, 25.8500,
49.1620

1.1400, -3.2100,
3.1100

216.2580, 18.1500,
34.5180

0.0000, 0.0000,
0.0000

233.2810, 10.1750,

19.3510

250.3040, 2.2000,
4.1840

62.7230, 30.9830,
60.7670

62.7230, 30.9830,
60.7670

55.0920, 34.5580,
67.5660

70.3540, 27.4080,
53.9680

53.9180, 35.1080,
68.6120

78.2840, 24.4290,
47.3810

86.5020, 20.5790,
40.0590

94.1330, 17.0040,
33.2600

101.7640, 13.4290,
26.4610

■ 109.3950, 9.8540,
19.6620

■ 117.3250, 6.8750,
13.0750

■ 125.5430, 3.0250,
5.7530

■ 133.1740, -0.5500,
-1.0460

Harmonies

Analogous

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



67.4460, -46.9090, 29.6590



62.7230, 30.9830, 60.7670



57.0740, 69.3590, 59.1110

Triad

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



62.7230, 30.9830, 60.7670



69.4950, 37.3700, -16.4700



69.6730, -65.2870, -11.7430

Complementary

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



62.7230, 30.9830, 60.7670



84.2770, -30.9830, -60.7670

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.



62.8160, -47.3570, -28.3250



62.7230, 30.9830, 60.7670



61.5670, 1.3360, -35.2400

Square

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



62.7230, 30.9830, 60.7670



65.3070, 68.0390, 5.9190



53.6450, -25.6670, -46.9710



72.8140, -78.2650, 3.1990

Rectangle

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



62.7230, 30.9830, 60.7670



53.6820, 81.7860, 48.6500



53.6450, -25.6670, -46.9710



67.1480, -59.5550, -16.5070

Sweetspot

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



62.7230, 30.9830, 60.7670



143.6990, 12.0540, 23.8460



29.5120, -38.1070, 35.3410



70.2650, 7.1040, 14.4320



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000

Same Dimension

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



62.7230, 30.9830, 60.7670



69.7260, 45.2370, 88.7970



56.8230, 50.4720, 43.4640



62.4780, 1.6500, 3.1380



53.0920, 34.5580, 67.5660



1.2390, 0.8250, 1.5690

Inverse Universe

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



50.2110, 69.0900, 25.4260



51.4710, 100.9530, 37.1850



90.1770, -50.4720, -43.4640



61.7940, 3.5760, 1.2720



39.0980, 76.8380, 28.1820



0.8970, 1.7880, 0.6360

Previews

White Background



This preview shows how the YIQ color 62.7230, 30.9830, 60.7670 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

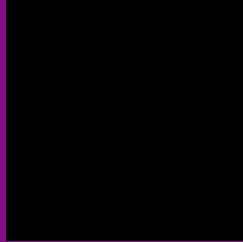
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 62.7230, 30.9830, 60.7670

Background



This preview shows how black text looks on a background with the YIQ color 62.7230, 30.9830, 60.7670.



This preview shows how white text looks on a background with the YIQ color 62.7230, 30.9830,

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

62.7230, 30.9830, 60.7670

Protanopia

60.4070, -69.5090, 9.7150

Deuteranopia

71.9040, -34.4800, 8.1440



Tritanopia

74.0870, 39.8400, 15.8720

Trichromacy



Original Color

62.7230, 30.9830, 60.7670

Protanomaly

61.2210, -33.1540, 28.1740

Deuteranomaly

68.6010, -10.9170, 27.1550

Tritanomaly

69.8440, 36.8110, 32.2270

Monochromacy



Original Color

62.7230, 30.9830, 60.7670

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

63.0470, 10.9540, 21.7540

CSS Examples

Text

The CSS property to change the color of the text to YIQ 62.7230, 30.9830, 60.7670 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(130, 15, 132)` looks like.

```
.text, #text, p{  
    color:rgb(130, 15, 132)  
}
```

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(130, 15, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 15, 132) }
```

Border

The CSS property to change the border of an element to YIQ 62.7230, 30.9830, 60.7670 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(130, 15, 132) }
```


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

```
.border{ border-color:rgb(130, 15, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 15, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 15, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 15, 132);  
box-shadow:4px 4px 4px 4px rgb(130, 15,  
132) }
```

Background

The CSS property to change the background color of an element to YIQ 62.7230, 30.9830, 60.7670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 15, 132) }
```

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

```
.background{ background-color: rgb(130, 15,  
132) }
```

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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