

Converting Colors

YIQ(62.1130, 12.8700, 75.1580)

Have a look what the booklet for
YIQ(62.1130, 12.8700, 75.1580)
contains.

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Color

**YIQ(62.1130, 12.8700,
75.1580)**

Conversions

Conversions Part 1

Format	Color
Hex	790AB0
RGB	121, 10, 176
RGB Percent	47%, 4%, 69%
CMY	0.5251, 0.9610, 0.3099
CMYK	0.31, 0.94, 0.00, 0.31
HSL	280°, 89%, 36%
HSV	280°, 94%, 69%
XYZ	15.8409, 7.4216, 41.6617
YIQ	62.1130, 12.8700, 75.1580

Conversions

Conversions Part 2

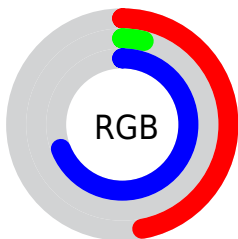
Format	Color
R_{YB}	121, 10, 176
Decimal	7932592
CIE _{Lab}	32.75, 65.04, -61.15
CIE _{LCh}	33, 89.269, 316.766
Yxy	7.4216, 0.2440, 0.1143
Android (android.graphics.Color)	4286122672 (0xFF790AB0)
YUV	62.1130, 56.1463, 51.6439
Hunter-Lab	27.2426, 56.1183, -71.6013

Details

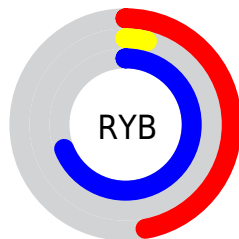
The YIQ color **62.1130, 12.8700, 75.1580** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **123.8870, -12.8700, -75.1580**, and the grayscale version is **62.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **125.8690, 10.4410, 69.6170**, and **33.0440, -1.0180, 51.5100** is the 20% darker color. If you saturate the color by 10%, you get **55.3460, 13.8320, 79.7520**, and if you desaturate by 10%, it is **74.4730, 11.4960, 67.0160**.

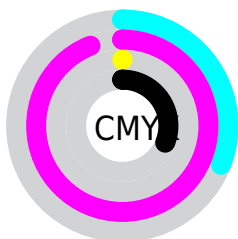
Distribution



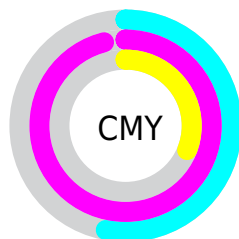
- Red (47%)
- Green (4%)
- Blue (69%)



- Red (47%)
- Yellow (4%)
- Blue (69%)



- Cyan (31%)
- Magenta (94%)
- Yellow (0%)
- Black (31%)



- Cyan (53%)
- Magenta (96%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 62.1130, 12.8700, 75.1580 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 62.1130, 12.8700, 75.1580 by changing the saturation by 10% instead.

62.1130, 12.8700,
75.1580

62.1130, 12.8700,
75.1580

255.0000, -0.0000,
-0.0000

44.7930, 7.5990,
66.0550

125.8690, 10.4410,
69.6170

33.0440, -1.0180,
51.5100

152.8970, 13.2380,
68.4860

21.1100, -10.5520,
37.0640

178.3030, 23.4180,
60.2020

8.2080, -23.1120,
22.3920

199.8220, 25.8500,
49.1620

7.8200, -16.5080,
12.8360

216.8450, 17.8750,
33.9950


3.5510, -8.6210,
7.5630


233.2810, 10.1750,


0.0000, 0.0000,


19.3510


0.0000


 250.8910, 1.9250,
3.6610


 62.1130, 12.8700,
75.1580


 62.1130, 12.8700,
75.1580

 55.3460, 13.8320,
79.7520

 74.4730, 11.4960,
67.0160

 86.2460, 10.3970,
59.3970

 98.6060, 9.0230,
51.2550

 110.0800, 7.3280,
43.4240

 122.4400, 5.9540,
35.2820

■ 134.8000, 4.5800,
27.1400

■ 146.5730, 3.4810,
19.5210

■ 158.9330, 2.1070,
11.3790

■ 170.4070, 0.4120,
3.5480

Harmonies

Analogous

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



68.7630, -90.2820, 28.2620



62.1130, 12.8700, 75.1580



66.4740, 71.6490, 72.6810

Triad

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



62.1130, 12.8700, 75.1580



72.2740, 54.4700, -6.9860



73.0980, -65.2860, -17.2700

Complementary

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



62.1130, 12.8700, 75.1580



123.8870, -12.8700, -75.1580

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.



63.4880, -40.9820, -39.2380



62.1130, 12.8700, 75.1580



67.5250, 10.3220, -32.8940

Square

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



62.1130, 12.8700, 75.1580



49.3350, 98.3400, 34.9800



56.3520, -26.4000, -50.2080



80.5080, -86.1510, 2.9450

Rectangle

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



62.1130, 12.8700, 75.1580



64.2200, 92.3750, 60.4950



56.3520, -26.4000, -50.2080



69.7750, -57.3070, -24.2110

Sweetspot

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



62.1130, 12.8700, 75.1580



185.2670, 4.7630, 29.3310



61.2090, -68.4110, 22.8610



88.2200, 2.9770, 17.6410



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



62.1130, 12.8700, 75.1580



72.2660, 17.9540, 104.1780



75.3660, 54.6380, 78.1100



82.8200, 0.6870, 4.0710



47.9400, 11.6790, 69.2070



8.0470, 1.7860, 11.6900

Inverse Universe

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



65.9040, 81.2810, 52.2970



77.4340, 112.6840, 72.3960



110.6340, -54.6380, -78.1100



83.0330, 4.4010, 2.8410



51.5610, 74.8170, 48.2970



8.6860, 12.9280, 8.0000

Previews

White Background



This preview shows how the YIQ color 62.1130, 12.8700, 75.1580 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

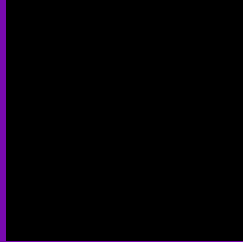
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 62.1130, 12.8700, 75.1580

Background



This preview shows how black text looks on a background with the YIQ color 62.1130, 12.8700, 75.1580.



This preview shows how white text looks on a background with the YIQ color 62.1130, 12.8700,

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

62.1130, 12.8700, 75.1580

Protanopia

62.8520, -72.2600, 10.0120

Deuteranopia

63.3930, -66.8940, 0.8660



Tritanopia

79.7360, 18.6590, 8.7630

Trichromacy



Original Color

62.1130, 12.8700, 75.1580

Protanomaly

62.6040, -41.3620, 33.7580

Deuteranomaly

62.7690, -37.6930, 27.8350

Tritanomaly

73.7200, 16.7290, 32.7370

Monochromacy



Original Color

62.1130, 12.8700, 75.1580

Achromatopsia

62.0000, -0.0000, -0.0000

Achromatomaly

61.8000, 4.5800, 27.1400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 62.1130, 12.8700, 75.1580 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, 10, 176)` looks like.

```
.text, #text, p{  
    color:rgb(121, 10, 176)  
}
```

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, 10, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 10, 176) }
```

Border

The CSS property to change the border of an element to YIQ 62.1130, 12.8700, 75.1580 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, 10, 176) }
```


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

```
.border{ border-color:rgb(121, 10, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 10, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 10, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 10, 176);  
box-shadow:4px 4px 4px 4px rgb(121, 10,  
176) }
```

Background

The CSS property to change the background color of an element to YIQ 62.1130, 12.8700, 75.1580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 10, 176) }
```

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

```
.background{ background-color: rgb(121, 10,  
176) }
```

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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