

Converting Colors

YIQ(62.6640, 4.2490, 82.7210)

Have a look what the booklet for
YIQ(62.6640, 4.2490, 82.7210)
contains.

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Color

**YIQ(62.6640, 4.2490,
82.7210)**

Conversions

Conversions Part 1

Format	Color
Hex	7608C7
RGB	118, 8, 199
RGB Percent	46%, 3%, 78%
CMY	0.5369, 0.9688, 0.2197
CMYK	0.41, 0.96, 0.00, 0.22
HSL	275°, 92%, 41%
HSV	275°, 96%, 78%
XYZ	17.8757, 8.1530, 54.6440
YIQ	62.6640, 4.2490, 82.7210

Conversions

Conversions Part 2

Format	Color
R_{YB}	118, 8, 199
Decimal	7735495
CIE _{Lab}	34.30, 69.66, -72.21
CIE _{LCh}	34, 100.337, 313.969
Yxy	8.1530, 0.2216, 0.1011
Android (android.graphics.Color)	4285925575 (0xFF7608C7)
YUV	62.6640, 67.2136, 48.5297
Hunter-Lab	28.5534, 61.7800, -93.4785

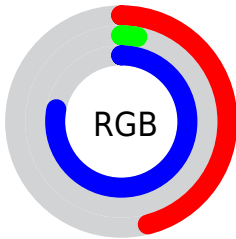
Details

The YIQ color **62.6640, 4.2490, 82.7210** is a dark color, and the websafe version is hex **6600CC**.

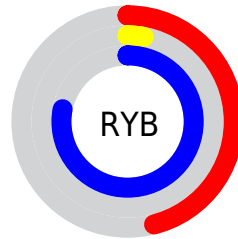
The color can be described as dark washed purple. A complement of this color would be **144.3360, -4.2490, -82.7210**, and the grayscale version is **62.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **127.7790, 2.1870, 76.0350**, and **33.1600, -12.8480, 56.6560** is the 20% darker color. If you saturate the color by 10%, you get **57.0710, 4.6610, 86.2690**, and if you desaturate by 10%, it is **77.0950, 4.1130, 74.1690**.

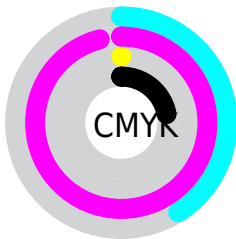
Distribution



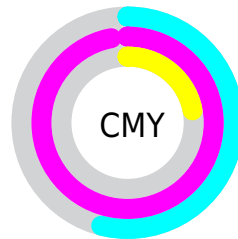
- Red (46%)
- Green (3%)
- Blue (78%)



- Red (46%)
- Yellow (3%)
- Blue (78%)



- Cyan (41%)
- Magenta (96%)
- Yellow (0%)
- Black (22%)



- Cyan (54%)
- Magenta (97%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 62.6640, 4.2490, 82.7210 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 62.6640, 4.2490, 82.7210 by changing the saturation by 10% instead.

62.6640, 4.2490,
82.7210

62.6640, 4.2490,
82.7210

255.0000, -0.0000,
-0.0000

45.8060, -2.4430,
71.8370

127.7790, 2.1870,
76.0350

33.1600, -12.8480,
56.6560

153.1850, 12.3670,
67.7510

17.8230, -28.6170,
39.5670

178.8900, 23.1430,
59.6790

10.3740, -29.2110,
28.3010

200.9960, 25.3000,
48.1160

11.1600, -23.1570,
17.6990

217.4320, 17.6000,
33.4720


6.6630, -14.6280,
11.8040

234.4550, 9.6250,

3.0950, -7.3370,


18.3050


6.3190

 252.0650, 1.3750,
2.6150


 0.0000, 0.0000,
0.0000

 62.6640, 4.2490,
82.7210


 62.6640, 4.2490,
82.7210

 57.0710, 4.6610,
86.2690

 77.0950, 4.1130,
74.1690

 91.2270, 3.3810,
65.4050

 105.3590, 2.6490,
56.6410

 119.7900, 2.5130,
48.0890

 133.3350, 2.0560,
39.8480

■ 147.7660, 1.9200,
31.2960

■ 161.8980, 1.1880,
22.5320

■ 176.0300, 0.4560,
13.7680

■ 190.4610, 0.3200,
5.2160

Harmonies

Analogous

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



75.7220, -100.2320, 32.3760



62.6640, 4.2490, 82.7210



72.1850, 74.2610, 80.4130

Triad

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



62.6640, 4.2490, 82.7210



74.9870, 62.7680, -3.1840



76.2610, -67.3030, -19.2630

Complementary

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



62.6640, 4.2490, 82.7210



144.3360, -4.2490, -82.7210

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.



65.1690, -38.8260, -45.2740



62.6640, 4.2490, 82.7210



71.3790, 13.6690, -32.9790

Square

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



62.6640, 4.2490, 82.7210



54.4180, 108.4720, 38.5840



59.2870, -27.7750, -52.8230



85.9850, -91.9280, 3.0160

Rectangle

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



62.6640, 4.2490, 82.7210



70.4430, 99.2970, 67.2090



59.2870, -27.7750, -52.8230



73.0690, -58.3150, -27.9710

Sweetspot

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



62.6640, 4.2490, 82.7210



202.2930, 1.8740, 32.1300



78.4950, -84.1360, 15.9920



95.9040, 1.0510, 19.5070



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



62.6640, 4.2490, 82.7210



73.0230, 5.7570, 110.4690



85.4010, 56.6980, 95.8500



92.5210, 0.0910, 3.8590



46.6880, 3.7010, 70.6210



10.3830, 0.9600, 15.6480

Inverse Universe

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



74.3430, 87.8350, 65.6830



88.5570, 117.3120, 87.6480



121.5990, -56.6980, -95.8500



93.1470, 4.0800, 3.1520



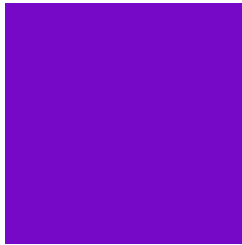
56.6030, 74.9990, 56.0150



12.4740, 16.6410, 12.2970

Previews

White Background



This preview shows how the YIQ color 62.6640, 4.2490, 82.7210 looks on a white background.

Color Contrast Check

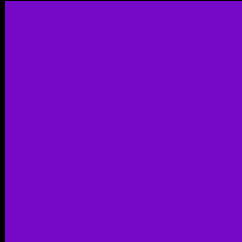
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YIQ color 62.6640, 4.2490, 82.7210 looks on a 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 62.6640, 4.2490, 82.7210

Background



This preview shows how black text looks on a background with the YIQ color 62.6640, 4.2490, 82.7210.



This preview shows how white text looks on a background with the YIQ color 62.6640, 4.2490,

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

62.6640, 4.2490, 82.7210

Protanopia

65.4110, -75.3320, 10.6200

Deuteranopia

66.3110, -69.5990, 0.3290



Tritanopia

83.1690, 7.0140, 5.0460

Trichromacy



Original Color

62.6640, 4.2490, 82.7210

Protanomaly

64.3740, -46.4060, 37.0660

Deuteranomaly

65.0120, -42.6910, 30.3090

Tritanomaly

75.9730, 5.7710, 33.0910

Monochromacy



Original Color

62.6640, 4.2490, 82.7210

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

62.8260, 1.6910, 29.9390

CSS Examples

Text

The CSS property to change the color of the text to YIQ 62.6640, 4.2490, 82.7210 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(118, 8, 199)` looks like.

```
.text, #text, p{  
    color:rgb(118, 8, 199)  
}
```

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(118, 8, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 8, 199) }
```

Border

The CSS property to change the border of an element to YIQ 62.6640, 4.2490, 82.7210 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(118, 8, 199) }
```


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

```
.border{ border-color:rgb(118, 8, 199) }
```

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

Here you see how a box with a 4 pixel rgb(118, 8, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 8, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 8, 199);  
box-shadow:4px 4px 4px 4px rgb(118, 8,  
199) }
```

Background

The CSS property to change the background color of an element to YIQ 62.6640, 4.2490, 82.7210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 8, 199) }
```

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

```
.background{ background-color: rgb(118, 8,  
199) }
```

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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