

Converting Colors

YIQ(122.8260, 45.2490, 22.4730)

Have a look what the booklet for
YIQ(122.8260, 45.2490, 22.4730)
contains.

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Color

**YIQ(122.8260, 45.2490,
22.4730)**

Conversions

Conversions Part 1

Format	Color
Hex	B4606F
RGB	180, 96, 111
RGB Percent	71%, 38%, 44%
CMY	0.2939, 0.6236, 0.5645
CMYK	0.00, 0.47, 0.38, 0.29
HSL	349°, 36%, 54%
HSV	349°, 47%, 71%
XYZ	25.8861, 19.2177, 17.3963
YIQ	122.8260, 45.2490, 22.4730

Conversions

Conversions Part 2

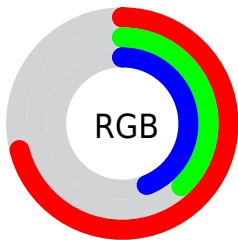
Format	Color
R_{YB}	180, 96, 111
Decimal	11821167
CIE _{Lab}	50.94, 35.56, 6.89
CIE _{LCh}	51, 36.223, 10.966
Yxy	19.2177, 0.4142, 0.3075
Android (android.graphics.Color)	4290011247 (0xFFB4606F)
YUV	122.8260, -5.8302, 50.1416
Hunter-Lab	43.8379, 28.6869, 7.1584

Details

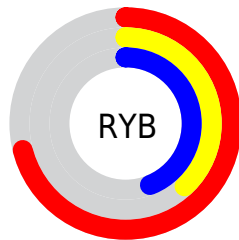
The YIQ color **122.8260, 45.2490, 22.4730** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **153.1740, -45.2490, -22.4730**, and the grayscale version is **123.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **176.6200, 48.8250, 23.7450**, and **71.3740, 40.7100, 22.1340** is the 20% darker color. If you saturate the color by 10%, you get **110.5500, 55.0140, 27.2220**, and if you desaturate by 10%, it is **135.1020, 35.4840, 17.7240**.

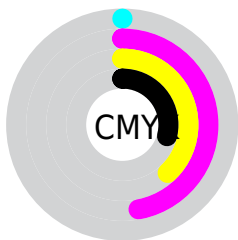
Distribution



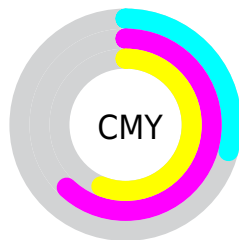
- Red (71%)
- Green (38%)
- Blue (44%)



- Red (71%)
- Yellow (38%)
- Blue (44%)



- Cyan (0%)
- Magenta (47%)
- Yellow (38%)
- Black (29%)





- Cyan (29%)
- Magenta (62%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 122.8260, 45.2490, 22.4730 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 122.8260, 45.2490, 22.4730 by changing the saturation by 10% instead.


 122.8260, 45.2490,
22.4730


 122.8260, 45.2490,
22.4730


255.0000, -0.0000,
-0.0000


 97.0430, 43.1400,
22.1480


 176.6200, 48.8250,
23.7450

 71.3740, 40.7100,
22.1340


 200.6300, 42.8650,
21.6250

 45.5310, 38.8300,
23.1660

 220.1440, 26.4980,
15.3780

 23.7370, 35.2540,
21.8940

 240.4730, 9.2140,
9.2300

 14.4660, 28.2870,
10.4870

 0.0000, 0.0000,
0.0000

122.8260, 45.2490,
22.4730

122.8260, 45.2490,
22.4730

110.5500, 55.0140,
27.2220

135.1020, 35.4840,
17.7240

98.2740, 64.7790,
31.9710

147.3780, 25.7190,
12.9750

86.1120, 74.2230,
37.0310

159.5400, 16.2750,
7.9150

73.8360, 83.9880,
41.7800

171.8160, 6.5100,
3.1660

61.5600, 93.7530,
46.5290

184.0920, -3.2550,
-1.5830


57.4680, 97.0080,
48.1120

196.3680,
-13.0200, -6.3320

208.5300,
-22.4640, -11.3920

220.8060,

-32.2290, -16.1410

 231.3210,
-41.1690, -19.3210

Harmonies

Analogous

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



124.5330, 27.3210, 28.0010



122.8260, 45.2490, 22.4730



121.5470, 49.9280, 9.2560

Triad

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



122.8260, 45.2490, 22.4730



113.9230, -2.2420, -25.4580



96.7160, -93.2090, -12.3210

Complementary

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



122.8260, 45.2490, 22.4730



153.1740, -45.2490, -22.4730

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.



98.1860, -89.0810, -21.0570



122.8260, 45.2490, 22.4730



106.7800, -38.5080, -29.0040

Square

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



122.8260, 45.2490, 22.4730



117.4980, 24.1200, -18.6320



95.4670, -80.0470, -30.5990



119.2830, -36.8650, 12.8230

Rectangle

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



122.8260, 45.2490, 22.4730



120.7710, 45.9410, -1.0910



95.4670, -80.0470, -30.5990



97.4340, -92.4750, -14.6110

Sweetspot

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



122.8260, 45.2490, 22.4730



212.5510, 17.7420, 8.8620



126.2070, 14.1600, 40.7520



103.4360, 10.6360, 5.4840



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



122.8260, 45.2490, 22.4730



145.2040, 70.9680, 35.4480



136.9650, 42.6390, 3.6870



82.9190, 4.7220, 2.5300



48.8250, 82.5210, 40.8330



8.3440, 13.8910, 7.0670

Inverse Universe

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



122.8260, 45.2490, 22.4730



145.2040, 70.9680, 35.4480



139.0350, -42.6390, -3.6870



82.9190, 4.7220, 2.5300



48.8250, 82.5210, 40.8330



8.3440, 13.8910, 7.0670

Previews

White Background



This preview shows how the YIQ color 122.8260, 45.2490, 22.4730 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 122.8260, 45.2490, 22.4730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

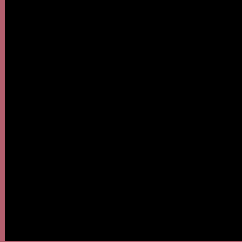
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 122.8260, 45.2490, 22.4730

Background



This preview shows how black text looks on a background with the YIQ color 122.8260, 45.2490, 22.4730.



This preview shows how white text looks on a background with the YIQ color 122.8260, 45.2490,

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

122.8260, 45.2490, 22.4730

Protanopia

122.0540, -0.0920, 1.6680

Deuteranopia

122.4380, 16.3220, 1.5540



Tritanopia

122.3160, 46.6250, 19.5610

Trichromacy



Original Color

122.8260, 45.2490, 22.4730

Protanomaly

122.4800, 16.5040, 9.2720

Deuteranomaly

122.3410, 27.1410, 9.2290

Tritanomaly

122.6580, 45.6620, 20.4940

Monochromacy



Original Color

122.8260, 45.2490, 22.4730

Achromatopsia

123.0000, -0.0000, -0.0000

Achromatomaly

122.9530, 16.5500, 8.4380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 122.8260, 45.2490, 22.4730 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(180, 96, 111)` looks like.

```
.text, #text, p{  
    color:rgb(180, 96, 111)  
}
```

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(180, 96, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 96, 111) }
```

Border

The CSS property to change the border of an element to YIQ 122.8260, 45.2490, 22.4730 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(180, 96, 111) }
```


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

```
.border{ border-color:rgb(180, 96, 111) }
```

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

Here you see how a box with a 4 pixel rgb(180, 96, 111) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 96, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 96, 111);  
box-shadow:4px 4px 4px 4px rgb(180, 96,  
111) }
```

Background

The CSS property to change the background color of an element to YIQ 122.8260, 45.2490, 22.4730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 96, 111) }
```

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

```
.background{ background-color: rgb(180, 96,  
111) }
```

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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