

Converting Colors

YIQ(127.4610, -7.7070, 24.0450)

Have a look what the booklet for
YIQ(127.4610, -7.7070, 24.0450)
contains.

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Color

**YIQ(127.4610, -7.7070,
24.0450)**

Conversions

Conversions Part 1

Format	Color
Hex	8772B1
RGB	135, 114, 177
RGB Percent	53%, 45%, 69%
CMY	0.4705, 0.5530, 0.3060
CMYK	0.24, 0.36, 0.00, 0.31
HSL	260°, 29%, 57%
HSV	260°, 36%, 69%
XYZ	23.9455, 20.3590, 44.2520
YIQ	127.4610, -7.7070, 24.0450

Conversions

Conversions Part 2

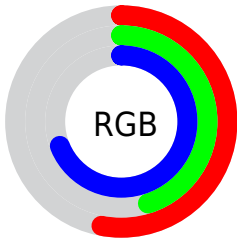
Format	Color
R_{YB}	135, 114, 177
Decimal	8876721
CIE _{Lab}	52.24, 21.65, -30.49
CIE _{LCh}	52, 37.393, 305.377
Yxy	20.3590, 0.2704, 0.2299
Android (android.graphics.Color)	4287066801 (0xFF8772B1)
YUV	127.4610, 24.4227, 6.6117
Hunter-Lab	45.1209, 15.7675, -26.5636

Details

The YIQ color **127.4610, -7.7070, 24.0450** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **163.5390, 7.7070, -24.0450**, and the grayscale version is **127.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **180.5150, -7.7990, 25.7130**, and **77.9940, -7.8900, 21.8540** is the 20% darker color. If you saturate the color by 10%, you get **113.3070, -9.9090, 30.9150**, and if you desaturate by 10%, it is **141.6150, -5.5050, 17.1750**.

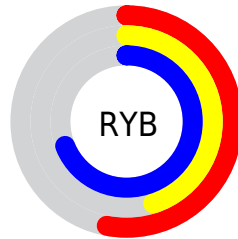
Distribution



Red (53%)

Green (45%)

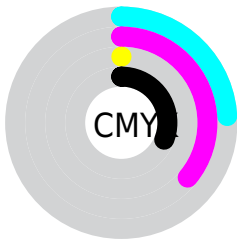
Blue (69%)



Red (53%)

Yellow (45%)

Blue (69%)

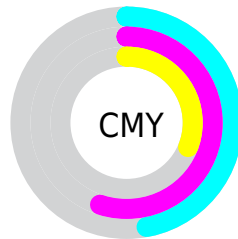


Cyan (24%)

Magenta (36%)

Yellow (0%)

Black (31%)



Cyan (47%)

Magenta (55%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 127.4610, -7.7070, 24.0450 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 127.4610, -7.7070, 24.0450 by changing the saturation by 10% instead.

■ 127.4610, -7.7070,
24.0450

■ 127.4610, -7.7070,
24.0450

■ 255.0000, -0.0000,
-0.0000

■ 101.9340, -7.6610,
23.2110

■ 180.5150, -7.7990,
25.7130

■ 77.9940, -7.8900,
21.8540

■ 207.2440, -5.5980,
24.3700

■ 54.1680, -8.4400,
20.8080

■ 232.3510, 3.9860,
15.8740

■ 31.9290, -9.2650,
19.2390

■ 252.0650, 1.3750,
2.6150

■ 10.4130, -7.7520,
19.3520

■ 4.5940, -10.1800,
8.2840

■ 0.0000, 0.0000,

0.0000

■ 127.4610, -7.7070,
24.0450

■ 127.4610, -7.7070,
24.0450

■ 113.3070, -9.9090,
30.9150

■ 141.6150, -5.5050,
17.1750

■ 99.7400, -12.3860,
37.2620

■ 155.1820, -3.0280,
10.8280

■ 85.8850, -13.9920,
44.3440

■ 169.0370, -1.4220,
3.7460

■ 71.7310, -16.1940,
51.2140

■ 183.1910, 0.7800,
-3.1240

■ 58.1640, -18.6710,
57.5610

■ 196.7580, 3.2570,
-9.4710

■ 44.0100, -20.8730,
64.4310

■ 210.9120, 5.4590,
-16.3410

■ 37.8190, -21.6530,
67.5550

■ 225.0660, 7.6610,
-23.2110

■ 238.3340, 9.5420,
-29.7700

■ 241.9220, 16.6940,
-27.2260

Harmonies

Analogous

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



119.9120, -46.1260, 9.9540



127.4610, -7.7070, 24.0450



128.3200, 23.6070, 29.2310

Triad

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



127.4610, -7.7070, 24.0450



123.4890, 46.6750, -3.3810



97.5870, -80.5050, -33.3130

Complementary

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



127.4610, -7.7070, 24.0450



163.5390, 7.7070, -24.0450

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.



111.1890, -32.4100, -29.3860



127.4610, -7.7070, 24.0450



121.6620, 29.5300, -17.5580

Square

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



127.4610, -7.7070, 24.0450



125.0250, 51.5780, 12.3940



118.1470, 2.9390, -25.7410



100.5340, -90.1810, -23.1490

Rectangle

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



127.4610, -7.7070, 24.0450



127.1660, 38.6000, 27.3360



118.1470, 2.9390, -25.7410



98.6110, -71.8850, -35.3490

Sweetspot

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



127.4610, -7.7070, 24.0450



209.6550, -2.9820, 9.9940



145.8360, -31.7730, -2.3730



103.2050, -1.8350, 5.7250



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.



127.4610, -7.7070, 24.0450



152.1530, -12.1110, 37.7850



136.7300, 10.7690, 30.6170



81.9230, -1.1010, 3.4350



32.6910, -18.7170, 58.3950



5.6550, -2.9820, 9.9940

Inverse Universe

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



137.6250, 24.0660, 26.4180



168.1250, 37.8180, 41.5140



153.9710, -11.3650, -30.8290



83.3750, 3.4380, 3.7740



57.3750, 58.4460, 64.1580



9.7120, 10.0390, 10.7990

Previews

White Background



This preview shows how the YIQ color 127.4610, -7.7070, 24.0450 looks on a white background.

Color Contrast Check

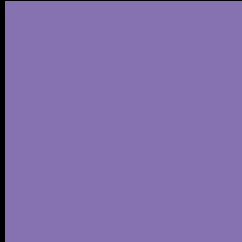
Large Text (above 18pt) WCAG AA ✓ Pass

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 127.4610, -7.7070, 24.0450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

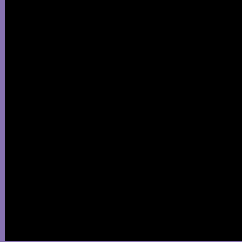
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 127.4610, -7.7070, 24.0450

Background



This preview shows how black text looks on a background with the YIQ color 127.4610, -7.7070, 24.0450.



This preview shows how white text looks on a background with the YIQ color 127.4610, -7.7070,

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

127.4610, -7.7070, 24.0450

Protanopia

124.2730, -30.9050, 14.9430

Deuteranopia

124.1440, -26.2280, 12.7800



Tritanopia

125.3360, -0.8260, 3.9580

Trichromacy



Original Color

127.4610, -7.7070, 24.0450

Protanomaly

125.4590, -22.5610, 17.9110

Deuteranomaly

125.4870, -19.7640, 16.7800

Tritanomaly

126.2960, -3.3490, 11.1390

Monochromacy



Original Color

127.4610, -7.7070, 24.0450

Achromatopsia

127.0000, -0.0000, -0.0000

Achromatomaly

127.0140, -2.6150, 8.8490

CSS Examples

Text

The CSS property to change the color of the text to YIQ 127.4610, -7.7070, 24.0450 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(135, 114, 177)` looks like.

```
.text, #text, p{  
    color:rgb(135, 114, 177)  
}
```

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(135, 114, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 114, 177) }
```

Border

The CSS property to change the border of an element to YIQ 127.4610, -7.7070, 24.0450 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(135, 114, 177) }
```


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

```
.border{ border-color:rgb(135, 114, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 114, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 114, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 114, 177);  
box-shadow:4px 4px 4px 4px rgb(135, 114,  
177) }
```

Background

The CSS property to change the background color of an element to YIQ 127.4610, -7.7070, 24.0450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 114, 177) }
```

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

```
.background{ background-color: rgb(135,  
114, 177) }
```

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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