

Converting Colors

YIQ(136.4610, -7.7070, 24.0450)

Have a look what the booklet for
YIQ(136.4610, -7.7070, 24.0450)
contains.

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Color

**YIQ(136.4610, -7.7070,
24.0450)**

Conversions

Conversions Part 1

Format	Color
Hex	907BBA
RGB	144, 123, 186
RGB Percent	56%, 48%, 73%
CMY	0.4352, 0.5177, 0.2707
CMYK	0.23, 0.34, 0.00, 0.27
HSL	260°, 31%, 61%
HSV	260°, 34%, 73%
XYZ	27.4482, 23.6394, 49.5593
YIQ	136.4610, -7.7070, 24.0450

Conversions

Conversions Part 2

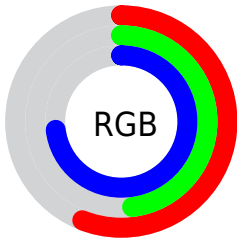
Format	Color
RYB	144, 123, 186
Decimal	9468858
CIELab	55.72, 21.33, -30.18
CIELCh	56, 36.960, 305.254
Yxy	23.6394, 0.2727, 0.2349
Android (android.graphics.Color)	4287658938 (0xFF907BBA)
YUV	136.4610, 24.4227, 6.6117
Hunter-Lab	48.6204, 15.6850, -26.4007

Details

The YIQ color $136.4610, -7.7070, 24.0450$ is a light color, and the websafe version is hex 666699 . A complement of this color would be $172.5390, 7.7070, -24.0450$, and the grayscale version is $136.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $190.4010, -7.4780, 25.4020$, and $86.1080, -8.2110, 22.1650$ is the 20% darker color. If you saturate the color by 10%, you get $121.7200, -9.6340, 31.4380$, and if you desaturate by 10%, it is $151.2020, -5.7800, 16.6520$.

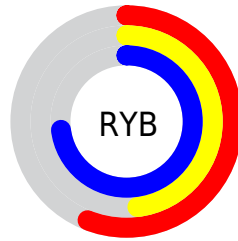
Distribution



Red (56%)

Green (48%)

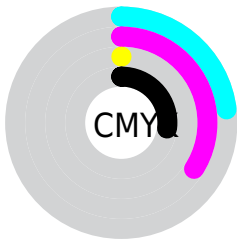
Blue (73%)



Red (56%)

Yellow (48%)

Blue (73%)

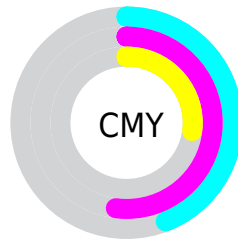


Cyan (23%)

Magenta (34%)

Yellow (0%)

Black (27%)



Cyan (44%)

Magenta (52%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 136.4610, -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 136.4610, -7.7070, 24.0450 by changing the saturation by 10% instead.

■ 136.4610, -7.7070,
24.0450

■ 136.4610, -7.7070,
24.0450

■ 255.0000, -0.0000,
-0.0000

■ 110.9340, -7.6610,
23.2110

■ 190.4010, -7.4780,
25.4020

■ 86.1080, -8.2110,
22.1650

■ 216.1040, -2.3880,
21.2600

■ 62.1680, -8.4400,
20.8080

■ 240.9120, 6.6000,
12.5520

■ 39.9290, -9.2650,
19.2390

■ 17.1030, -9.8150,
18.1930

■ 4.2180, -11.8770,
11.5070

■ 2.0690, -4.4480,

3.5200

0.0000, 0.0000,
0.0000

136.4610, -7.7070,
24.0450

136.4610, -7.7070,
24.0450

121.7200, -9.6340,
31.4380

151.2020, -5.7800,
16.6520

107.2670,
-12.4320, 38.0960

165.6550, -2.9820,
9.9940

92.5260, -14.3590,
45.4890

180.3960, -1.0550,
2.6010

78.0730, -17.1570,
52.1470

194.8490, 1.7430,
-4.0570

63.3320, -19.0840,
59.5400

209.5900, 3.6700,
-11.4500

■ 48.5910, -21.0110,
66.9330

■ 224.3310, 5.5970,
-18.8430

■ 39.7420, -22.7540,
70.9900

■ 238.7840, 8.3950,
-25.5010

■ 243.5460, 14.9970,
-24.0030

■ 247.1340, 22.1490,
-21.4590

Harmonies

Analogous

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



129.5100, -44.9340, 10.3780



136.4610, -7.7070, 24.0450



137.3200, 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.



136.4610, -7.7070, 24.0450



132.6030, 46.3540, -3.0700



103.7820, -85.5480, -35.5320

Complementary

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



136.4610, -7.7070, 24.0450



172.5390, 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.



120.7870, -31.2180, -28.9620



136.4610, -7.7070, 24.0450



130.6620, 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.



136.4610, -7.7070, 24.0450



134.3240, 52.1740, 12.6060



126.5600, 3.2140, -25.2180



106.8430, -95.5450, -25.0570

Rectangle

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



136.4610, -7.7070, 24.0450



136.4650, 39.1960, 27.5480



126.5600, 3.2140, -25.2180



112.3950, -62.3490, -31.9570

Sweetspot

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



136.4610, -7.7070, 24.0450



223.1280, -2.9360, 9.1600



154.8360, -31.7730, -2.3730



111.0910, -1.5140, 5.4140



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



136.4610, -7.7070, 24.0450



164.1530, -12.1110, 37.7850



145.7300, 10.7690, 30.6170



84.9230, -1.1010, 3.4350



33.3320, -19.0840, 59.5400



5.8830, -3.6240, 10.6160

Inverse Universe

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



146.6250, 24.0660, 26.4180



180.1250, 37.8180, 41.5140



162.9710, -11.3650, -30.8290



86.3750, 3.4380, 3.7740



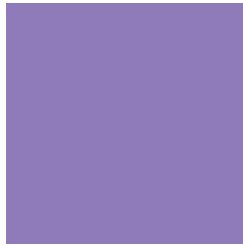
58.5000, 59.5920, 65.4160



10.5380, 10.5890, 11.8450

Previews

White Background



This preview shows how the YIQ color 136.4610, -7.7070, 24.0450 looks on a white background.

Color Contrast Check

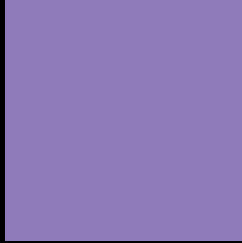
Large Text (above 18pt) WCAG AA ✓ Pass

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 136.4610, -7.7070, 24.0450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

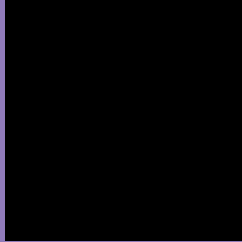
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 136.4610, -7.7070, 24.0450

Background



This preview shows how black text looks on a background with the YIQ color 136.4610, -7.7070, 24.0450.



This preview shows how white text looks on a background with the YIQ color 136.4610, -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

136.4610, -7.7070, 24.0450

Protanopia

133.5720, -30.3090, 15.1550

Deuteranopia

133.4430, -25.6320, 12.9920



Tritanopia

134.3360, -0.8260, 3.9580

Trichromacy



Original Color

136.4610, -7.7070, 24.0450

Protanomaly

134.7580, -21.9650, 18.1230

Deuteranomaly

134.7860, -19.1680, 16.9920

Tritanomaly

135.2960, -3.3490, 11.1390

Monochromacy



Original Color

136.4610, -7.7070, 24.0450

Achromatopsia

136.0000, -0.0000, 0.0000

Achromatomaly

136.0140, -2.6150, 8.8490

CSS Examples

Text

The CSS property to change the color of the text to YIQ 136.4610, -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(144, 123, 186)` looks like.

```
.text, #text, p{  
    color:rgb(144, 123, 186)  
}
```

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(144, 123, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 123, 186) }
```

Border

The CSS property to change the border of an element to YIQ 136.4610, -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(144, 123, 186) }
```


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

```
.border{ border-color:rgb(144, 123, 186) }
```

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

Here you see how a box with a 4 pixel rgb(144, 123, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 123, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 123, 186);  
box-shadow:4px 4px 4px 4px rgb(144, 123,  
186) }
```

Background

The CSS property to change the background color of an element to YIQ 136.4610, -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(144, 123, 186) }
```

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

```
.background{ background-color: rgb(144,  
123, 186) }
```

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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