

Converting Colors

YIQ(124.8180, -13.0260,
26.8300)

Have a look what the booklet for
YIQ(124.8180, -13.0260, 26.8300)
contains.

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Color

**YIQ(124.8180, -13.0260,
26.8300)**

Conversions

Conversions Part 1

Format	Color
Hex	816FB9
RGB	129, 111, 185
RGB Percent	51%, 44%, 73%
CMY	0.4940, 0.5647, 0.2746
CMYK	0.30, 0.40, 0.00, 0.27
HSL	255°, 35%, 58%
HSV	255°, 40%, 73%
XYZ	23.4944, 19.5378, 48.4164
YIQ	124.8180, -13.0260, 26.8300

Conversions

Conversions Part 2

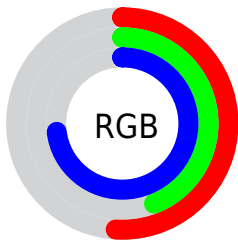
Format	Color
R_{YB}	129, 111, 185
Decimal	8482745
CIE _{Lab}	51.31, 23.66, -36.60
CIE _{LCh}	51, 43.584, 302.883
Yxy	19.5378, 0.2569, 0.2136
Android (android.graphics.Color)	4286672825 (0xFF816FB9)
YUV	124.8180, 29.6697, 3.6676
Hunter-Lab	44.2016, 17.5250, -34.0025

Details

The YIQ color **124.8180, -13.0260, 26.8300** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **171.1820, 13.0260, -26.8300**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.1710, -12.5220, 28.7100**, and **74.9380, -13.4840, 24.1160** is the 20% darker color. If you saturate the color by 10%, you get **109.4790, -16.1450, 33.7990**, and if you desaturate by 10%, it is **139.5700, -9.6320, 20.3840**.

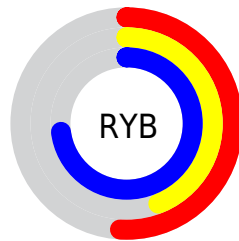
Distribution



Red (51%)

Green (44%)

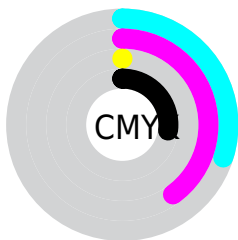
Blue (73%)



Red (51%)

Yellow (44%)

Blue (73%)

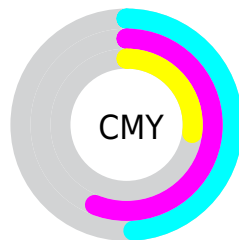


Cyan (30%)

Magenta (40%)

Yellow (0%)

Black (27%)



Cyan (49%)

Magenta (56%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 124.8180, -13.0260, 26.8300 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 124.8180, -13.0260, 26.8300 by changing the saturation by 10% instead.

■ 124.8180,
-13.0260, 26.8300

■ 124.8180,
-13.0260, 26.8300

■ 255.0000, -0.0000,
-0.0000

■ 99.2910, -12.9800,
25.9960

■ 178.1710,
-12.5220, 28.7100

■ 74.9380, -13.4840,
24.1160

■ 203.9880, -7.7530,
24.8790

■ 51.6990, -14.3090,
22.5470

■ 229.0950, 1.8310,
16.3830

■ 28.4490, -16.6010,
20.0310

■ 249.7170, 2.4750,
4.7070

■ 7.5090, -16.8300,
18.6740

■ 5.1640, -11.7850,
9.8390

■ 1.2540, -3.5310,

3.4210

■ 0.0000, 0.0000,
0.0000

■ 124.8180,
-13.0260, 26.8300

■ 124.8180,
-13.0260, 26.8300

■ 109.4790,
-16.1450, 33.7990

■ 139.5700, -9.6320,
20.3840

■ 94.7270, -19.5390,
40.2450

■ 154.9090, -6.5130,
13.4150

■ 79.9750, -22.9330,
46.6910

■ 169.6610, -3.1190,
6.9690

■ 64.6360, -26.0520,
53.6600

■ 185.0000, -0.0000,
-0.0000

■ 49.8840, -29.4460,
60.1060

■ 199.7520, 3.3940,
-6.4460

■ 34.5450, -32.5650,
67.0750

■ 215.0910, 6.5130,
-13.4150

■ 229.8430, 9.9070,
-19.8610

■ 242.8340, 14.1260,
-24.7380

■ 247.0200, 22.4700,
-21.7700

Harmonies

Analogous

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



112.5770, -64.2360, 7.7640



124.8180, -13.0260, 26.8300



125.9660, 24.8440, 34.3480

Triad

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



124.8180, -13.0260, 26.8300



120.6100, 53.6440, -3.0280



97.0170, -78.9000, -34.8680

Complementary

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



124.8180, -13.0260, 26.8300



171.1820, 13.0260, -26.8300

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.



105.5750, -36.6730, -34.7290



124.8180, -13.0260, 26.8300



117.9030, 36.0410, -19.9190

Square

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



124.8180, -13.0260, 26.8300



121.5530, 58.9590, 16.2950



114.4800, 6.1950, -29.6850



100.6480, -90.5020, -22.8380

Rectangle

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



124.8180, -13.0260, 26.8300



124.1930, 43.1380, 33.2020



114.4800, 6.1950, -29.6850



94.9480, -74.4520, -38.3880

Sweetspot

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



124.8180, -13.0260, 26.8300



216.3990, -5.1370, 10.5030



152.8950, -39.4290, -6.7970



106.1340, -3.0730, 6.1350



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



124.8180, -13.0260, 26.8300



146.4820, -20.2270, 41.7010



135.5820, 8.4300, 34.4620



84.6240, -1.6970, 3.2230



29.1460, -27.4280, 56.5720



5.2850, -4.8160, 10.1920

Inverse Universe

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



139.5100, 26.1280, 33.1040



169.3030, 40.6130, 51.4370



160.4180, -8.4300, -34.4620



86.4890, 3.1170, 4.0850



60.0960, 55.0980, 69.7700



10.7660, 9.9470, 12.4670

Previews

White Background



This preview shows how the YIQ color 124.8180, -13.0260, 26.8300 looks on a white background.

Color Contrast Check

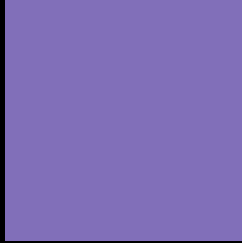
Large Text (above 18pt) WCAG AA ✓ Pass

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 124.8180, -13.0260, 26.8300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

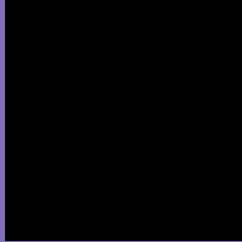
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 124.8180, -13.0260, 26.8300

Background



This preview shows how black text looks on a background with the YIQ color 124.8180, -13.0260, 26.8300.



This preview shows how white text looks on a background with the YIQ color 124.8180, -13.0260,

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

124.8180, -13.0260, 26.8300

Protanopia

120.8470, -38.3330, 17.4030

Deuteranopia

120.8810, -35.6730, 13.2470



Tritanopia

121.9440, -5.5940, 2.2620

Trichromacy



Original Color

124.8180, -13.0260, 26.8300

Protanomaly

122.3320, -29.3930, 20.5830

Deuteranomaly

122.2350, -27.7420, 18.1940

Tritanomaly

122.9580, -8.2090, 11.1110

Monochromacy



Original Color

124.8180, -13.0260, 26.8300

Achromatopsia

125.0000, 0.0000, 0.0000

Achromatomaly

124.8720, -5.0910, 9.6690

CSS Examples

Text

The CSS property to change the color of the text to YIQ 124.8180, -13.0260, 26.8300 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(129, 111, 185)` looks like.

```
.text, #text, p{  
    color:rgb(129, 111, 185)  
}
```

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(129, 111, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 111, 185) }
```

Border

The CSS property to change the border of an element to YIQ 124.8180, -13.0260, 26.8300 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(129, 111, 185) }
```


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

```
.border{ border-color:rgb(129, 111, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 111, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 111, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 111, 185);  
box-shadow:4px 4px 4px 4px rgb(129, 111,  
185) }
```

Background

The CSS property to change the background color of an element to YIQ 124.8180, -13.0260, 26.8300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 111, 185) }
```

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

```
.background{ background-color: rgb(129,  
111, 185) }
```

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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