

Converting Colors

YIQ(126.4480, -22.8870,
45.8570)

Have a look what the booklet for
YIQ(126.4480, -22.8870, 45.8570)
contains.

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Color

**YIQ(126.4480, -22.8870,
45.8570)**

Conversions

Conversions Part 1

Format	Color
Hex	8567E6
RGB	133, 103, 230
RGB Percent	52%, 40%, 90%
CMY	0.4783, 0.5961, 0.0982
CMYK	0.42, 0.55, 0.00, 0.10
HSL	254°, 72%, 65%
HSV	254°, 55%, 90%
XYZ	28.8041, 20.3982, 77.2465
YIQ	126.4480, -22.8870, 45.8570

Conversions

Conversions Part 2

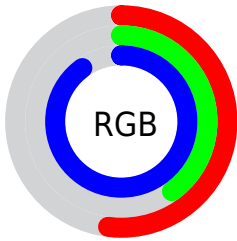
Format	Color
R_{YB}	133, 103, 230
Decimal	8742886
CIE _{Lab}	52.28, 41.52, -60.64
CIE _{LCh}	52, 73.494, 304.396
Yxy	20.3982, 0.2278, 0.1613
Android (android.graphics.Color)	4286932966 (0xFF8567E6)
YUV	126.4480, 51.0511, 5.7461
Hunter-Lab	45.1643, 34.8029, -69.7911

Details

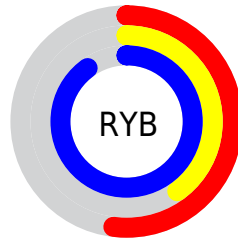
The YIQ color **126.4480, -22.8870, 45.8570** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **206.5520, 22.8870, -45.8570**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.1640, -10.6440, 38.7320**, and **73.9590, -26.0040, 41.7720** is the 20% darker color. If you saturate the color by 10%, you get **107.5650, -27.2900, 54.0700**, and if you desaturate by 10%, it is **145.3310, -18.4840, 37.6440**.

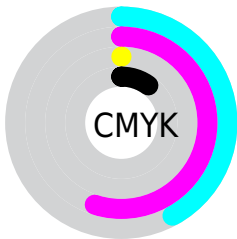
Distribution



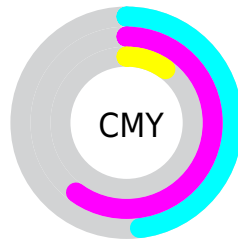
- Red (52%)
- Green (40%)
- Blue (90%)



- Red (52%)
- Yellow (40%)
- Blue (90%)



- Cyan (42%)
- Magenta (55%)
- Yellow (0%)
- Black (10%)



- Cyan (48%)
- Magenta (60%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 126.4480, -22.8870, 45.8570 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 126.4480, -22.8870, 45.8570 by changing the saturation by 10% instead.

■ 126.4480,
-22.8870, 45.8570

■ 126.4480,
-22.8870, 45.8570

■ 255.0000, -0.0000,
-0.0000

■ 99.7960, -23.9870,
43.7650

■ 177.1640,
-10.6440, 38.7320

■ 73.8450, -25.6830,
41.4610

■ 201.6840, -0.7850,
30.7590

■ 47.6980, -29.7630,
38.3090

■ 227.0900, 9.3950,
22.4750

■ 18.3760, -40.7200,
33.1360

■ 245.0210, 4.6750,
8.8910

■ 10.7160, -30.1740,
29.2340

■ 8.5670, -22.7450,
21.2470

■ 7.5920, -15.8660,

12.2140

■ 3.4370, -8.3000,
7.2520

■ 0.0000, 0.0000,
0.0000

■ 126.4480,
-22.8870, 45.8570

■ 126.4480,
-22.8870, 45.8570

■ 107.5650,
-27.2900, 54.0700

■ 145.3310,
-18.4840, 37.6440

■ 88.9810, -31.0970,
62.4950

■ 163.9150,
-14.6770, 29.2190

■ 70.0980, -35.5000,
70.7080

■ 182.7980,
-10.2740, 21.0060

■ 51.5140, -39.3070,
79.1330

■ 201.3820, -6.4670,
12.5810

■ 42.3660, -41.6460,
82.9780

■ 220.2650, -2.0640,
4.3680

■ 238.8490, 1.7430,
-4.0570

■ 252.1500, 8.0250,
-7.7750

Harmonies

Analogous

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



105.0380, -116.6420, 10.3820



126.4480, -22.8870, 45.8570



121.4430, 46.5710, 64.6110

Triad

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



126.4480, -22.8870, 45.8570



116.4070, 87.5280, -11.3840



104.3860, -84.4930, -38.1330

Complementary

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



126.4480, -22.8870, 45.8570



206.5520, 22.8870, -45.8570

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.



94.9870, -62.1610, -57.4010



126.4480, -22.8870, 45.8570



116.1320, 50.8530, -35.0590

Square

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



126.4480, -22.8870, 45.8570



113.4010, 97.9740, 30.5980



105.4910, 6.5210, -57.6310



110.8670, -104.1200, -18.3280

Rectangle

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



126.4480, -22.8870, 45.8570



111.6070, 78.3440, 66.9840



105.4910, 6.5210, -57.6310



101.1770, -76.8350, -44.7630

Sweetspot

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



126.4480, -22.8870, 45.8570



219.8920, -7.8430, 15.4930



174.4170, -67.4420, -11.2340



106.7580, -4.7700, 9.3580



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.



126.4480, -22.8870, 45.8570



118.1120, -30.0880, 60.7280



145.2850, 14.6610, 59.2130



105.2650, -2.0640, 4.3680



32.9640, -32.4270, 64.5730



9.4020, -9.2190, 18.4050

Inverse Universe

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



152.0310, 44.5550, 57.0910



151.8240, 59.0400, 75.4240



187.7150, -14.6610, -59.2130



107.6140, 4.2630, 5.3430



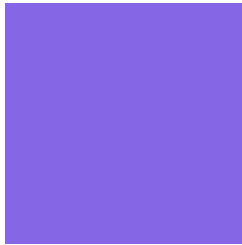
69.0250, 63.0280, 80.2440



19.6950, 17.8770, 22.9410

Previews

White Background



This preview shows how the YIQ color 126.4480, -22.8870, 45.8570 looks on a white background.

Color Contrast Check

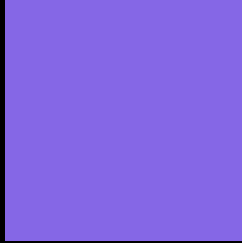
Large Text (above 18pt) WCAG AA ✓ Pass

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 126.4480, -22.8870, 45.8570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

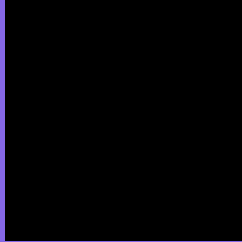
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 126.4480, -22.8870, 45.8570

Background



This preview shows how black text looks on a background with the YIQ color 126.4480, -22.8870, 45.8570.



This preview shows how white text looks on a background with the YIQ color 126.4480, -22.8870,

45.8570.

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

126.4480, -22.8870, 45.8570

Protanopia

110.3730, -89.3640, 22.6360

Deuteranopia

103.7870, -99.9980, 6.0980



Tritanopia

123.0570, -13.3420, -0.4940

Trichromacy



Original Color

126.4480, -22.8870, 45.8570

Protanomaly

116.2190, -65.2030, 30.8050

Deuteranomaly

111.8880, -71.9410, 20.7550

Tritanomaly

124.0420, -17.0130, 16.4830

Monochromacy



Original Color

126.4480, -22.8870, 45.8570

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

126.5330, -8.2100, 16.6380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 126.4480, -22.8870, 45.8570 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(133, 103, 230)` looks like.

```
.text, #text, p{  
    color:rgb(133, 103, 230)  
}
```

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(133, 103, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 103, 230) }
```

Border

The CSS property to change the border of an element to YIQ 126.4480, -22.8870, 45.8570 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(133, 103, 230) }
```


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

```
.border{ border-color:rgb(133, 103, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 103, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 103, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 103, 230);  
box-shadow:4px 4px 4px 4px rgb(133, 103,  
230) }
```

Background

The CSS property to change the background color of an element to YIQ 126.4480, -22.8870, 45.8570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 103, 230) }
```

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

```
.background{ background-color: rgb(133,  
103, 230) }
```

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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