

Converting Colors

YIQ(127.0880, 4.8500, 55.2980)

Have a look what the booklet for
YIQ(127.0880, 4.8500, 55.2980)
contains.

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Color

**YIQ(127.0880, 4.8500,
55.2980)**

Conversions

Conversions Part 1

Format	Color
Hex	A65AD8
RGB	166, 90, 216
RGB Percent	65%, 35%, 85%
CMY	0.3488, 0.6472, 0.1530
CMYK	0.23, 0.58, 0.00, 0.15
HSL	276°, 62%, 60%
HSV	276°, 58%, 85%
XYZ	31.7853, 20.3780, 67.2103
YIQ	127.0880, 4.8500, 55.2980

Conversions

Conversions Part 2

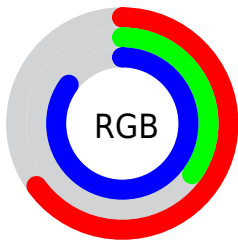
Format	Color
R _Y B	166, 90, 216
Decimal	10902232
CIE Lab	52.26, 52.82, -52.60
CIE LCh	52, 74.544, 315.123
Yxy	20.3780, 0.2663, 0.1707
Android (android.graphics.Color)	4289092312 (0xFFA65AD8)
YUV	127.0880, 43.8336, 34.1258
Hunter-Lab	45.1420, 46.6869, -56.6754

Details

The YIQ color **127.0880, 4.8500, 55.2980** is a light color, and the websafe version is hex **9966CC**. The color can be described as light muted purple. A complement of this color would be **178.9120, -4.8500, -55.2980**, and the grayscale version is **127.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **179.9870, 12.3240, 52.0040**, and **72.8490, 4.0250, 53.7290** is the 20% darker color. If you saturate the color by 10%, you get **111.7820, 6.1320, 65.1080**, and if you desaturate by 10%, it is **142.6930, 4.1640, 45.7000**.

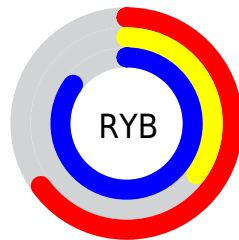
Distribution



Red (65%)

Green (35%)

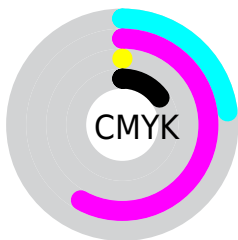
Blue (85%)



Red (65%)

Yellow (35%)

Blue (85%)

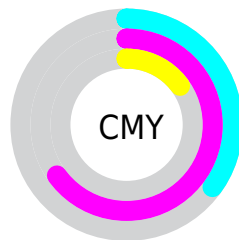


Cyan (23%)

Magenta (58%)

Yellow (0%)

Black (15%)



Cyan (35%)

Magenta (65%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 127.0880, 4.8500, 55.2980 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 127.0880, 4.8500, 55.2980 by changing the saturation by 10% instead.

127.0880, 4.8500,
55.2980

127.0880, 4.8500,
55.2980

255.0000, -0.0000,
-0.0000

100.2620, 4.3000,
54.2520

179.9870, 12.3240,
52.0040

72.8490, 4.0250,
53.7290

205.3930, 22.5040,
43.7200

41.2670, 5.9040,
58.2240

222.1280, 15.4000,
29.2880

28.7570, -1.8880,
45.2480

238.5640, 7.7000,
14.6440

17.8340, -9.9550,
31.7490

6.7260, -18.9390,
18.3490

5.2780, -12.1060,

10.1500

■ 1.3680, -3.8520,
3.7320

■ 0.0000, 0.0000,
0.0000

■ 127.0880, 4.8500,
55.2980

■ 127.0880, 4.8500,
55.2980

■ 111.7820, 6.1320,
65.1080

■ 142.6930, 4.1640,
45.7000

■ 96.7640, 6.5430,
74.1830

■ 157.4120, 3.1570,
36.4130

■ 81.1590, 7.2290,
83.7810

■ 173.0170, 2.4710,
26.8150

■ 66.4400, 8.2360,
93.0680

■ 187.7360, 1.4640,
17.5280

63.4940, 8.1440,
94.7360

203.3410, 0.7780,
7.9300

218.6470, -0.5040,
-1.8800

233.6650, -0.9150,
-10.9550

244.5740, 0.5990,
-16.3690

246.9660, 5.3670,
-14.6730

Harmonies

Analogous

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



100.1140, -113.8000, 13.9440



127.0880, 4.8500, 55.2980



114.7290, 66.3770, 69.1050

Triad

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



127.0880, 4.8500, 55.2980



117.4930, 75.2420, -20.0060



107.0080, -91.8760, -30.9800

Complementary

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



127.0880, 4.8500, 55.2980



178.9120, -4.8500, -55.2980

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.



98.1960, -69.8190, -50.7710



127.0880, 4.8500, 55.2980



113.6630, 35.8160, -43.3840

Square

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



127.0880, 4.8500, 55.2980



114.4310, 97.2890, 15.4730



95.5780, -24.7010, -64.4850



112.5600, -110.2650, -11.5850

Rectangle

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



127.0880, 4.8500, 55.2980



106.7840, 90.9070, 65.0750



95.5780, -24.7010, -64.4850



104.5000, -84.8140, -37.8220

Sweetspot

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



127.0880, 4.8500, 55.2980



222.6160, 1.9220, 20.2420



133.7140, -54.1960, 13.0360



107.3890, 0.8230, 12.6230



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.



127.0880, 4.8500, 55.2980



129.2850, 6.6340, 78.0420



140.5560, 38.8230, 61.8550



99.3470, 0.6410, 4.9050



50.2910, 6.4970, 75.0170



12.6760, 1.6930, 18.8850

Inverse Universe

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



133.3740, 59.0460, 42.2620



138.2020, 83.6180, 59.5060



165.4440, -38.8230, -61.8550



99.8590, 4.9510, 3.8870



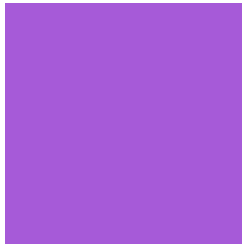
58.8810, 80.0880, 57.4000



14.7950, 20.1710, 14.4030

Previews

White Background



This preview shows how the YIQ color 127.0880, 4.8500, 55.2980 looks on a white background.

Color Contrast Check

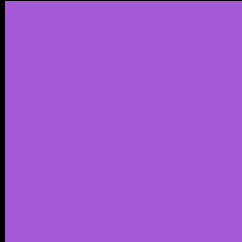
Large Text (above 18pt) WCAG AA ✓ Pass

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 127.0880, 4.8500, 55.2980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

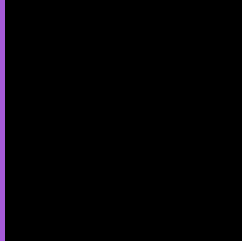
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 127.0880, 4.8500, 55.2980

Background



This preview shows how black text looks on a background with the YIQ color 127.0880, 4.8500, 55.2980.



This preview shows how white text looks on a background with the YIQ color 127.0880, 4.8500,

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

127.0880, 4.8500, 55.2980

Protanopia

112.3410, -86.3380, 22.8620

Deuteranopia

118.1200, -61.2110, 13.5170



Tritanopia

126.7900, 18.5670, 10.4310

Trichromacy



Original Color

127.0880, 4.8500, 55.2980



Protanomaly

117.7860, -53.5580, 34.5220



Deuteranomaly

121.5950, -37.1430, 28.8810



Tritanomaly

126.7640, 13.4290, 26.4610

Monochromacy



Original Color

127.0880, 4.8500, 55.2980



Achromatopsia

127.0000, -0.0000, -0.0000



Achromatomaly

127.2030, 1.6470, 19.7190

CSS Examples

Text

The CSS property to change the color of the text to YIQ 127.0880, 4.8500, 55.2980 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(166, 90, 216)` looks like.

```
.text, #text, p{  
    color:rgb(166, 90, 216)  
}
```

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(166, 90, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 90, 216) }
```

Border

The CSS property to change the border of an element to YIQ 127.0880, 4.8500, 55.2980 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(166, 90, 216) }
```


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

```
.border{ border-color:rgb(166, 90, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 90, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 90, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 90, 216);  
box-shadow:4px 4px 4px 4px rgb(166, 90,  
216) }
```

Background

The CSS property to change the background color of an element to YIQ 127.0880, 4.8500, 55.2980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 90, 216) }
```

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

```
.background{ background-color: rgb(166, 90,  
216) }
```

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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