

Converting Colors

YIQ(121.5500, 11.4560, 34.6880)

Have a look what the booklet for
YIQ(121.5500, 11.4560, 34.6880)
contains.

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Color

**YIQ(121.5500, 11.4560,
34.6880)**

Conversions

Conversions Part 1

Format	Color
Hex	9A60A8
RGB	154, 96, 168
RGB Percent	60%, 38%, 66%
CMY	0.3959, 0.6236, 0.3412
CMYK	0.08, 0.43, 0.00, 0.34
HSL	288°, 29%, 52%
HSV	288°, 43%, 66%
XYZ	24.5836, 18.0630, 39.2353
YIQ	121.5500, 11.4560, 34.6880

Conversions

Conversions Part 2

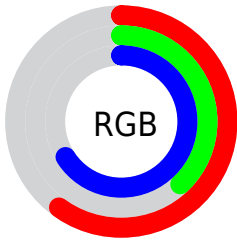
Format	Color
RYB	154, 96, 168
Decimal	10117288
CIELab	49.57, 35.93, -29.27
CIELCh	50, 46.341, 320.838
Yxy	18.0630, 0.3002, 0.2206
Android (android.graphics.Color)	4288307368 (0xFF9A60A8)
YUV	121.5500, 22.8999, 28.4587
Hunter-Lab	42.5006, 28.8738, -24.9844

Details

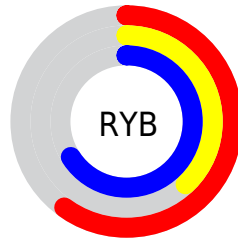
The YIQ color **121.5500, 11.4560, 34.6880** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **142.4500, -11.4560, -34.6880**, and the grayscale version is **121.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **175.0880, 12.8770, 36.4690**, and **71.0120, 10.0350, 32.9070** is the 20% darker color. If you saturate the color by 10%, you get **110.6740, 14.3430, 42.9430**, and if you desaturate by 10%, it is **132.4260, 8.5690, 26.4330**.

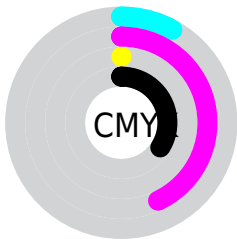
Distribution



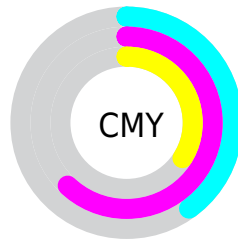
- Red (60%)
- Green (38%)
- Blue (66%)



- Red (60%)
- Yellow (38%)
- Blue (66%)



- Cyan (8%)
- Magenta (43%)
- Yellow (0%)
- Black (34%)



- Cyan (40%)
- Magenta (62%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 121.5500, 11.4560, 34.6880 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 121.5500, 11.4560, 34.6880 by changing the saturation by 10% instead.

121.5500, 11.4560,
34.6880

121.5500, 11.4560,
34.6880

255.0000, -0.0000,
-0.0000

95.7240, 10.9060,
33.6420

175.0880, 12.8770,
36.4690

71.0120, 10.0350,
32.9070

202.6150, 12.8310,
37.3030

46.5990, 9.7600,
32.3840

224.4760, 14.3000,
27.1960

22.8870, 8.8890,
31.6490

240.9120, 6.6000,
12.5520

14.9970, 5.2230,
20.9910

3.2090, -7.6580,
6.6300

0.0000, 0.0000,

0.0000

■ 121.5500, 11.4560,
34.6880

■ 121.5500, 11.4560,
34.6880

■ 110.6740, 14.3430,
42.9430

■ 132.4260, 8.5690,
26.4330

■ 99.7980, 17.2300,
51.1980

■ 143.6010, 6.2780,
18.3900

■ 89.2100, 19.2460,
58.7180

■ 153.8900, 3.6660,
10.6580

■ 78.3340, 22.1330,
66.9730

■ 164.7660, 0.7790,
2.4030

■ 67.4580, 25.0200,
75.2280

■ 175.6420, -2.1080,
-5.8520

■ 59.5170, 26.5320,
80.8680

■ 186.8170, -4.3990,
-13.8950

■ 197.6930, -7.2860,
-22.1500

■ 207.9820, -9.8980,
-29.8820

■ 218.8580,
-12.7850, -38.1370

Harmonies

Analogous

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



116.9340, -34.0240, 21.9120



121.5500, 11.4560, 34.6880



119.0730, 43.5960, 35.9160

Triad

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



121.5500, 11.4560, 34.6880



114.3990, 46.4480, -15.7920



96.9490, -84.2200, -26.5560

Complementary

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



121.5500, 11.4560, 34.6880



142.4500, -11.4560, -34.6880

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.



91.6880, -70.7840, -38.7840



121.5500, 11.4560, 34.6880



111.0210, 20.7290, -28.7670

Square

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



121.5500, 11.4560, 34.6880



115.8870, 60.4740, 5.3540



104.4430, -18.7460, -34.7300



98.9500, -93.9880, -14.7240

Rectangle

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



121.5500, 11.4560, 34.6880



116.9140, 56.9850, 30.0490



104.4430, -18.7460, -34.7300



95.3530, -79.7260, -30.9100

Sweetspot

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



121.5500, 11.4560, 34.6880



201.0690, 4.7200, 13.5840



112.4260, -26.9620, 15.0700



98.2380, 2.5660, 8.5660



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



121.5500, 11.4560, 34.6880



146.9770, 18.2840, 54.1240



123.2280, 26.8620, 30.8140



79.0050, 1.6040, 3.9720



52.4530, 23.4160, 71.2560



7.0640, 3.1160, 9.6120

Inverse Universe

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



119.1240, 38.4180, 19.6180



142.9960, 59.6900, 30.5860



140.7720, -26.8620, -30.8140



78.5060, 4.4470, 2.0070



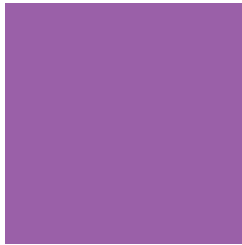
47.5580, 78.8990, 40.3950



6.4360, 10.6360, 5.4840

Previews

White Background



This preview shows how the YIQ color 121.5500, 11.4560, 34.6880 looks on a white background.

Color Contrast Check

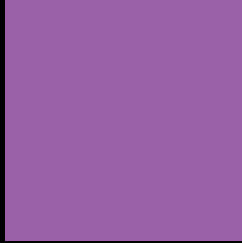
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 121.5500, 11.4560, 34.6880 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 121.5500, 11.4560, 34.6880

Background



This preview shows how black text looks on a background with the YIQ color 121.5500, 11.4560, 34.6880.



This preview shows how white text looks on a background with the YIQ color 121.5500, 11.4560,

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

121.5500, 11.4560, 34.6880

Protanopia

116.9890, -35.8570, 16.5830

Deuteranopia

118.1720, -23.4310, 11.6490



Tritanopia

120.5730, 20.6760, 10.7560

Trichromacy



Original Color

121.5500, 11.4560, 34.6880

Protanomaly

118.7740, -18.8940, 23.0420

Deuteranomaly

119.2710, -10.2280, 20.1720

Tritanomaly

121.2880, 17.4650, 19.3930

Monochromacy



Original Color

121.5500, 11.4560, 34.6880

Achromatopsia

122.0000, 0.0000, -0.0000

Achromatomaly

122.2430, 4.1700, 12.5380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 121.5500, 11.4560, 34.6880 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(154, 96, 168)` looks like.

```
.text, #text, p{  
    color:rgb(154, 96, 168)  
}
```

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(154, 96, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 96, 168) }
```

Border

The CSS property to change the border of an element to YIQ 121.5500, 11.4560, 34.6880 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(154, 96, 168) }
```


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

```
.border{ border-color:rgb(154, 96, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 96, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 96, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 96, 168);  
box-shadow:4px 4px 4px 4px rgb(154, 96,  
168) }
```

Background

The CSS property to change the background color of an element to YIQ 121.5500, 11.4560, 34.6880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 96, 168) }
```

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

```
.background{ background-color: rgb(154, 96,  
168) }
```

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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