

Converting Colors

YIQ(119.3360, -8.8530, 22.7870)

Have a look what the booklet for
YIQ(119.3360, -8.8530, 22.7870)
contains.

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Color

**YIQ(119.3360, -8.8530,
22.7870)**

Conversions

Conversions Part 1

Format	Color
Hex	7D6BA8
RGB	125, 107, 168
RGB Percent	49%, 42%, 66%
CMY	0.5097, 0.5804, 0.3413
CMYK	0.26, 0.36, 0.00, 0.34
HSL	258°, 26%, 54%
HSV	258°, 36%, 66%
XYZ	20.7833, 17.7017, 39.3569
YIQ	119.3360, -8.8530, 22.7870

Conversions

Conversions Part 2

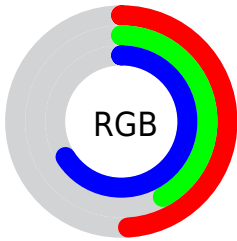
Format	Color
R_{YB}	125, 107, 168
Decimal	8219560
CIE _{Lab}	49.13, 20.49, -30.17
CIE _{LCh}	49, 36.468, 304.176
Yxy	17.7017, 0.2670, 0.2274
Android (android.graphics.Color)	4286409640 (0xFF7D6BA8)
YUV	119.3360, 23.9914, 4.9673
Hunter-Lab	42.0734, 14.5464, -26.0104

Details

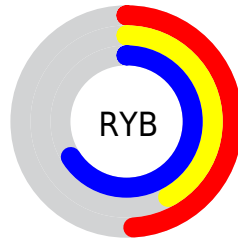
The YIQ color $119.3360, -8.8530, 22.7870$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $155.6640, 8.8530, -22.7870$, and the grayscale version is $119.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $172.2760, -8.6240, 24.1440$, and $69.9830, -9.3570, 20.9070$ is the 20% darker color. If you saturate the color by 10%, you get $105.7690, -11.3300, 29.1340$, and if you desaturate by 10%, it is $132.9030, -6.3760, 16.4400$.

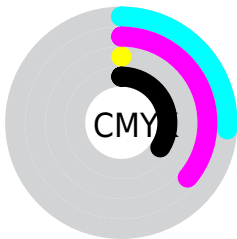
Distribution



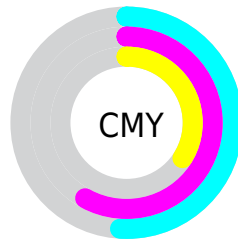
- Red (49%)
- Green (42%)
- Blue (66%)



- Red (49%)
- Yellow (42%)
- Blue (66%)



- Cyan (26%)
- Magenta (36%)
- Yellow (0%)
- Black (34%)



- Cyan (51%)
- Magenta (58%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 119.3360, -8.8530, 22.7870 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 119.3360, -8.8530, 22.7870 by changing the saturation by 10% instead.

■ 119.3360, -8.8530,
22.7870

■ 119.3360, -8.8530,
22.7870

■ 255.0000, -0.0000,
-0.0000

■ 94.3960, -9.0820,
21.4300

■ 172.2760, -8.6240,
24.1440

■ 69.9830, -9.3570,
20.9070

■ 199.2160, -8.3950,
25.5010

■ 47.0430, -9.5860,
19.5500

■ 224.3660, -0.3700,
17.7260

■ 25.3910, -10.6860,
17.4580

■ 247.3690, 3.5750,
6.7990

■ 6.3260, -12.0610,
14.8430

■ 3.2090, -7.6580,
6.6300

■ 0.0000, 0.0000,

0.0000

■ 119.3360, -8.8530,
22.7870

■ 119.3360, -8.8530,
22.7870

■ 105.7690,
-11.3300, 29.1340

■ 132.9030, -6.3760,
16.4400

■ 92.2020, -13.8070,
35.4810

■ 146.4700, -3.8990,
10.0930

■ 79.5210, -15.9630,
41.5170

■ 159.4500, -1.1470,
4.2690

■ 65.9540, -18.4400,
47.8640

■ 172.7180, 0.7340,
-2.2900

■ 52.3870, -20.9170,
54.2110

■ 186.2850, 3.2110,
-8.6370

■ 38.8200, -23.3940,
60.5580

■ 199.8520, 5.6880,
-14.9840

■ 34.1020, -24.1280,
62.8480

■ 213.4190, 8.1650,
-21.3310

■ 226.3990, 10.9170,
-27.1550

■ 238.2050, 14.2190,
-31.9330

Harmonies

Analogous

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



111.9720, -46.3550, 8.5970



119.3360, -8.8530, 22.7870



120.3090, 22.1400, 28.2840

Triad

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



119.3360, -8.8530, 22.7870



115.5320, 45.1160, -2.6600



91.7510, -75.0950, -32.2390

Complementary

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



119.3360, -8.8530, 22.7870



155.6640, 8.8530, -22.7870

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.



103.7980, -29.7510, -28.0150



119.3360, -8.8530, 22.7870



113.3030, 29.1630, -16.4130

Square

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



119.3360, -8.8530, 22.7870



117.0680, 50.0190, 13.1150



110.2720, 4.0850, -24.4830



94.6980, -84.7710, -22.0750

Rectangle

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



119.3360, -8.8530, 22.7870



119.2690, 36.8120, 26.7000



110.2720, 4.0850, -24.4830



90.8070, -69.5010, -34.5010

Sweetspot

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



119.3360, -8.8530, 22.7870



199.8290, -3.5320, 8.9480



139.7820, -31.6810, -4.0410



98.2050, -1.8350, 5.7250



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.



119.3360, -8.8530, 22.7870



142.3160, -14.1280, 35.7920



128.3060, 9.0270, 29.1470



77.5100, -1.3760, 2.9120



30.0280, -21.2840, 55.3560



4.0740, -2.8440, 7.4920

Inverse Universe

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



130.1410, 22.5530, 26.3050



159.4560, 35.3880, 41.5000



146.6940, -9.0270, -29.1470



79.0760, 2.8420, 3.5620



56.1080, 54.8240, 63.7200



7.5760, 7.4260, 8.5940

Previews

White Background



This preview shows how the YIQ color 119.3360, -8.8530, 22.7870 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 119.3360, -8.8530, 22.7870 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 119.3360, -8.8530, 22.7870

Background



This preview shows how black text looks on a background with the YIQ color 119.3360, -8.8530, 22.7870.



This preview shows how white text looks on a background with the YIQ color 119.3360, -8.8530,

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

119.3360, -8.8530, 22.7870

Protanopia

116.0450, -30.2630, 14.3210

Deuteranopia

116.3180, -26.7780, 11.7340



Tritanopia

117.3250, -2.2930, 3.0110

Trichromacy



Original Color

119.3360, -8.8530, 22.7870

Protanomaly

117.3450, -22.2400, 17.6000

Deuteranomaly

117.6610, -20.3140, 15.7340

Tritanomaly

118.2850, -4.8160, 10.1920

Monochromacy



Original Color

119.3360, -8.8530, 22.7870

Achromatopsia

119.0000, -0.0000, 0.0000

Achromatomaly

119.3020, -3.4860, 8.1140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.3360, -8.8530, 22.7870 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(125, 107, 168)` looks like.

```
.text, #text, p{  
    color:rgb(125, 107, 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(125, 107, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 107, 168) }
```

Border

The CSS property to change the border of an element to YIQ 119.3360, -8.8530, 22.7870 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(125, 107, 168) }
```


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

```
.border{ border-color:rgb(125, 107, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 107, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 107, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 107, 168);  
box-shadow:4px 4px 4px 4px rgb(125, 107,  
168) }
```

Background

The CSS property to change the background color of an element to YIQ 119.3360, -8.8530, 22.7870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 107, 168) }
```

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

```
.background{ background-color: rgb(125,  
107, 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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