

Converting Colors

YIQ(126.1140, 19.1560, 49.3320)

Have a look what the booklet for
YIQ(126.1140, 19.1560, 49.3320)
contains.

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Color

**YIQ(126.1140, 19.1560,
49.3320)**

Conversions

Conversions Part 1

Format	Color
Hex	AF59BD
RGB	175, 89, 189
RGB Percent	69%, 35%, 74%
CMY	0.3135, 0.6511, 0.2588
CMYK	0.07, 0.53, 0.00, 0.26
HSL	292°, 43%, 55%
HSV	292°, 53%, 74%
XYZ	30.4491, 19.9347, 50.3868
YIQ	126.1140, 19.1560, 49.3320

Conversions

Conversions Part 2

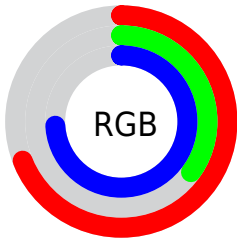
Format	Color
R_{YB}	175, 89, 189
Decimal	11491773
CIE _{Lab}	51.76, 50.04, -37.86
CIE _{LCh}	52, 62.751, 322.886
Yxy	19.9347, 0.3022, 0.1978
Android (android.graphics.Color)	4289681853 (0xFFAF59BD)
YUV	126.1140, 31.0028, 42.8730
Hunter-Lab	44.6483, 43.5983, -35.6565

Details

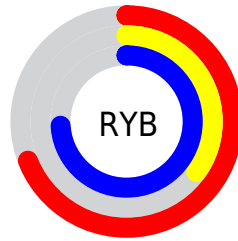
The YIQ color $126.1140, 19.1560, 49.3320$ is a dark color, and the websafe version is hex $CC66CC$. A complement of this color would be $151.8860, -19.1560, -49.3320$, and the grayscale version is $126.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $180.7660, 20.2560, 51.4240$, and $72.4020, 18.2850, 48.5970$ is the 20% darker color. If you saturate the color by 10%, you get $114.0640, 22.5930, 58.6330$, and if you desaturate by 10%, it is $138.1640, 15.7190, 40.0310$.

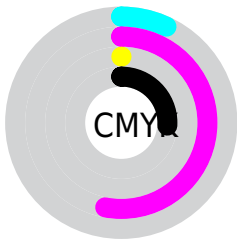
Distribution



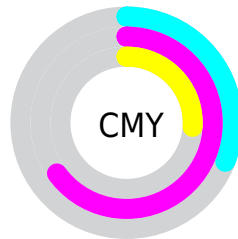
- Red (69%)
- Green (35%)
- Blue (74%)



- Red (69%)
- Yellow (35%)
- Blue (74%)



- Cyan (7%)
- Magenta (53%)
- Yellow (0%)
- Black (26%)



- Cyan (31%)
- Magenta (65%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 126.1140, 19.1560, 49.3320 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 126.1140, 19.1560, 49.3320 by changing the saturation by 10% instead.

126.1140, 19.1560,
49.3320

126.1140, 19.1560,
49.3320

255.0000, -0.0000,
-0.0000

99.4020, 18.2850,
48.5970

181.0650, 20.8520,
51.6360

72.4020, 18.2850,
48.5970

205.1050, 23.3750,
44.4550

40.2330, 20.4390,
53.6150

221.5410, 15.6750,
29.8110

29.7230, 12.6470,
40.6390

237.9770, 7.9750,
15.1670

20.1100, 6.6430,
28.2990

6.7240, -7.4300,
13.5140

2.2970, -5.0900,

4.1420

■ 0.0000, 0.0000,
0.0000

■ 126.1140, 19.1560,
49.3320

■ 126.1140, 19.1560,
49.3320

■ 114.0640, 22.5930,
58.6330

■ 138.1640, 15.7190,
40.0310

■ 102.3130, 26.6260,
68.1460

■ 149.9150, 11.6860,
30.5180

■ 90.2630, 30.0630,
77.4470

■ 161.9650, 8.2490,
21.2170

■ 78.5120, 34.0960,
86.9600

■ 174.0150, 4.8120,
11.9160

■ 70.2830, 36.4790,
93.3350

■ 185.1790, 1.0540,
2.9260

■ 197.2290, -2.3830,
-6.3750

■ 208.9800, -6.4160,
-15.8880

■ 221.0300, -9.8530,
-25.1890

■ 230.7320,
-12.1900, -32.3980

Harmonies

Analogous

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



121.3320, -46.5880, 29.3480



126.1140, 19.1560, 49.3320



119.1500, 63.0330, 52.6090

Triad

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



126.1140, 19.1560, 49.3320



115.6330, 62.8640, -26.9600



105.5720, -93.3440, -26.4000

Complementary

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



126.1140, 19.1560, 49.3320



151.8860, -19.1560, -49.3320

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.



98.6010, -75.0930, -43.2930



126.1140, 19.1560, 49.3320



110.6620, 28.3890, -46.4510

Square

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



126.1140, 19.1560, 49.3320



118.1850, 80.0060, 3.7980



96.8710, -41.1630, -52.4830



108.3540, -106.6890, -10.3130

Rectangle

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



126.1140, 19.1560, 49.3320



116.5520, 79.0360, 43.4200



96.8710, -41.1630, -52.4830



103.5200, -87.5660, -31.9980

Sweetspot

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



126.1140, 19.1560, 49.3320



220.3130, 7.1490, 19.1250



109.2050, -36.2250, 23.2550



107.6020, 4.5370, 11.3930



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



126.1140, 19.1560, 49.3320



146.2630, 30.0630, 77.4470



126.3100, 38.7350, 41.4150



88.4180, 1.8790, 4.4950



58.6760, 30.3380, 77.9700



11.3080, 5.5450, 15.1530

Inverse Universe

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



120.4960, 55.1060, 25.5540



137.4510, 86.5100, 40.1260



151.6900, -38.7350, -41.4150



87.8050, 5.0430, 2.2190



49.7500, 87.1060, 40.3380



9.7250, 17.1920, 7.8160

Previews

White Background



This preview shows how the YIQ color 126.1140, 19.1560, 49.3320 looks on a white background.

Color Contrast Check

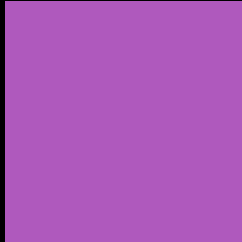
Large Text (above 18pt) WCAG AA ✓ Pass

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 126.1140, 19.1560, 49.3320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

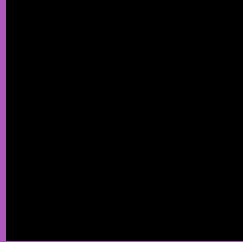
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 126.1140, 19.1560, 49.3320

Background



This preview shows how black text looks on a background with the YIQ color 126.1140, 19.1560, 49.3320.



This preview shows how white text looks on a background with the YIQ color 126.1140, 19.1560,

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

126.1140, 19.1560, 49.3320

Protanopia

119.7990, -55.5730, 21.4750

Deuteranopia

122.3650, -34.1600, 13.3600



Tritanopia

125.3680, 31.6790, 15.0950

Trichromacy



Original Color

126.1140, 19.1560, 49.3320

Protanomaly

121.9660, -27.8820, 31.7500

Deuteranomaly

123.9210, -14.8140, 26.1940

Tritanomaly

125.5330, 27.3210, 28.0010

Monochromacy



Original Color

126.1140, 19.1560, 49.3320

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

126.3730, 6.9200, 17.7680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 126.1140, 19.1560, 49.3320 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(175, 89, 189)` looks like.

```
.text, #text, p{  
    color:rgb(175, 89, 189)  
}
```

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(175, 89, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 89, 189) }
```

Border

The CSS property to change the border of an element to YIQ 126.1140, 19.1560, 49.3320 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(175, 89, 189) }
```


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

```
.border{ border-color:rgb(175, 89, 189) }
```

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

Here you see how a box with a 4 pixel rgb(175, 89, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 89, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 89, 189);  
box-shadow:4px 4px 4px 4px rgb(175, 89,  
189) }
```

Background

The CSS property to change the background color of an element to YIQ 126.1140, 19.1560, 49.3320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 89, 189) }
```

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

```
.background{ background-color: rgb(175, 89,  
189) }
```

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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