

Converting Colors

YIQ(125.1670, 19.6640, 29.1040)

Have a look what the booklet for
YIQ(125.1670, 19.6640, 29.1040)
contains.

YIQ(125.1670, 19.6640, 29.1040)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(125.1670, 19.6640,
29.1040)**

Conversions

Conversions Part 1

Format	Color
Hex	A26599
RGB	162, 101, 153
RGB Percent	64%, 40%, 60%
CMY	0.3645, 0.6040, 0.4000
CMYK	0.00, 0.38, 0.06, 0.36
HSL	309°, 25%, 52%
HSV	309°, 38%, 64%
XYZ	25.3113, 19.2888, 32.5302
YIQ	125.1670, 19.6640, 29.1040

Conversions

Conversions Part 2

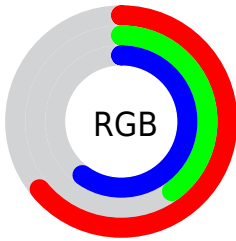
Format	Color
R_{YB}	162, 101, 153
Decimal	10642841
CIE _{Lab}	51.02, 32.79, -18.14
CIE _{LCh}	51, 37.475, 331.041
Yxy	19.2888, 0.3282, 0.2501
Android (android.graphics.Color)	4288832921 (0xFFA26599)
YUV	125.1670, 13.7217, 32.3025
Hunter-Lab	43.9190, 26.0144, -13.1721

Details

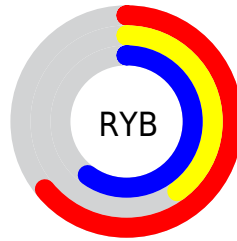
The YIQ color $[125.1670, 19.6640, 29.1040]$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $[137.8330, -19.6640, -29.1040]$, and the grayscale version is $[125.0000, 0.0000, 0.0000]$.

A 20% lighter version of the original color is $[178.5910, 21.4060, 30.5740]$, and $[74.7430, 17.9220, 27.6340]$ is the 20% darker color. If you saturate the color by 10%, you get $[115.5470, 24.7060, 36.8500]$, and if you desaturate by 10%, it is $[134.7870, 14.6220, 21.3580]$.

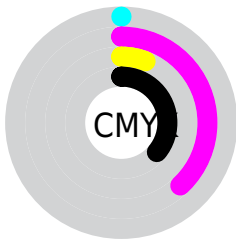
Distribution



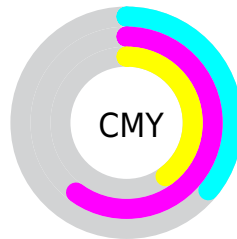
- Red (64%)
- Green (40%)
- Blue (60%)



- Red (64%)
- Yellow (40%)
- Blue (60%)



- Cyan (0%)
- Magenta (38%)
- Yellow (6%)
- Black (36%)



- Cyan (36%)
- Magenta (60%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 125.1670, 19.6640, 29.1040 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 125.1670, 19.6640, 29.1040 by changing the saturation by 10% instead.

125.1670, 19.6640,
29.1040

125.1670, 19.6640,
29.1040

255.0000, -0.0000,
-0.0000

99.4550, 18.7930,
28.3690

178.5910, 21.4060,
30.5740

74.7430, 17.9220,
27.6340

206.4170, 21.9560,
31.6200

50.4440, 17.3260,
27.4220

227.4110, 12.9250,
24.5810

25.0850, 16.9590,
28.5670

244.4340, 4.9500,
9.4140

15.5370, 12.3300,
18.8420

0.6840, -1.9260,
1.8660

0.0000, 0.0000,

0.0000

■ 125.1670, 19.6640,
29.1040

■ 125.1670, 19.6640,
29.1040

■ 115.5470, 24.7060,
36.8500

■ 134.7870, 14.6220,
21.3580

■ 105.8130, 30.0690,
44.2850

■ 144.5210, 9.2590,
13.9230

■ 95.6060, 35.3860,
52.5540

■ 154.7280, 3.9420,
5.6540

■ 85.8720, 40.7490,
59.9890

■ 164.4620, -1.4210,
-1.7810

■ 76.2520, 45.7910,
67.7350

■ 174.0820, -6.4630,
-9.5270

■ 66.6320, 50.8330,
75.4810

■ 183.7020,
-11.5050, -17.2730

■ 64.1700, 52.2540,
77.2620

■ 193.4360,
-16.8680, -24.7080

■ 203.6430,
-22.1850, -32.9770

■ 213.3770,
-27.5480, -40.4120

Harmonies

Analogous

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



123.7700, -13.0710, 22.1370



125.1670, 19.6640, 29.1040



123.4930, 41.9930, 26.4170

Triad

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



125.1670, 19.6640, 29.1040



118.6840, 32.4640, -15.6640



97.9750, -87.1090, -23.7570

Complementary

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



125.1670, 19.6640, 29.1040



137.8330, -19.6640, -29.1040

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.



94.9140, -77.1120, -34.2320



125.1670, 19.6640, 29.1040



115.1260, 7.4320, -24.5680

Square

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



125.1670, 19.6640, 29.1040



120.8420, 47.1790, -1.5010



109.1250, -26.3580, -28.9340



98.2490, -93.3920, -14.5120

Rectangle

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



125.1670, 19.6640, 29.1040



122.1700, 49.9720, 19.4760



109.1250, -26.3580, -28.9340



97.3080, -83.8530, -27.7010

Sweetspot

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



125.1670, 19.6640, 29.1040



197.4560, 7.8840, 11.3080



110.3460, -14.8130, 20.6670



98.5540, 4.4920, 6.7000



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



125.1670, 19.6640, 29.1040



154.0520, 30.8940, 45.8540



121.7470, 29.2940, 19.7740



76.4890, 3.1170, 4.0850



57.4910, 46.6160, 69.3040



7.0920, 5.9130, 8.4810

Inverse Universe

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



125.1670, 19.6640, 29.1040



154.0520, 30.8940, 45.8540



141.2530, -29.2940, -19.7740



76.4890, 3.1170, 4.0850



57.4910, 46.6160, 69.3040



7.0920, 5.9130, 8.4810

Previews

White Background



This preview shows how the YIQ color 125.1670, 19.6640, 29.1040 looks on a white background.

Color Contrast Check

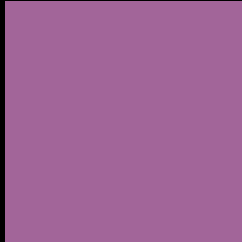
Large Text (above 18pt) WCAG AA ✓ Pass

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 125.1670, 19.6640, 29.1040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

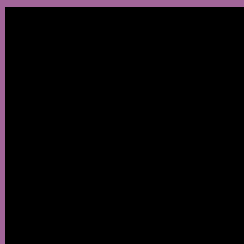
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 125.1670, 19.6640, 29.1040

Background



This preview shows how black text looks on a background with the YIQ color 125.1670, 19.6640, 29.1040.



This preview shows how white text looks on a background with the YIQ color 125.1670, 19.6640,

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

125.1670, 19.6640, 29.1040

Protanopia

121.7700, -22.2390, 12.0730

Deuteranopia

122.8330, -9.3550, 9.8530



Tritanopia

123.9760, 26.9110, 13.3990

Trichromacy



Original Color

125.1670, 19.6640, 29.1040

Protanomaly

123.0710, -6.7890, 18.4190

Deuteranomaly

123.3230, 1.1890, 17.0050

Tritanomaly

123.9960, 24.1590, 19.2230

Monochromacy



Original Color

125.1670, 19.6640, 29.1040

Achromatopsia

125.0000, 0.0000, 0.0000

Achromatomaly

124.7440, 7.0130, 10.5730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 125.1670, 19.6640, 29.1040 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(162, 101, 153)` looks like.

```
.text, #text, p{  
    color:rgb(162, 101, 153)  
}
```

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(162, 101, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 101, 153) }
```

Border

The CSS property to change the border of an element to YIQ 125.1670, 19.6640, 29.1040 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(162, 101, 153) }
```


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

```
.border{ border-color:rgb(162, 101, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 101, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 101, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 101, 153);  
box-shadow:4px 4px 4px 4px rgb(162, 101,  
153) }
```

Background

The CSS property to change the background color of an element to YIQ 125.1670, 19.6640, 29.1040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 101, 153) }
```

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

```
.background{ background-color: rgb(162,  
101, 153) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor