

Converting Colors

YIQ(61.0800, 6.1870, 14.5310)

Have a look what the booklet for
YIQ(61.0800, 6.1870, 14.5310)
contains.

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Color

**YIQ(61.0800, 6.1870,
14.5310)**

Conversions

Conversions Part 1

Format	Color
Hex	4C324F
RGB	76, 50, 79
RGB Percent	30%, 20%, 31%
CMY	0.7019, 0.8040, 0.6902
CMYK	0.04, 0.37, 0.00, 0.69
HSL	294°, 22%, 25%
HSV	294°, 37%, 31%
XYZ	5.5336, 4.3821, 7.9514
YIQ	61.0800, 6.1870, 14.5310

Conversions

Conversions Part 2

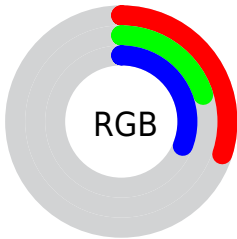
Format	Color
R_{YB}	76, 50, 79
Decimal	4993615
CIE Lab	24.90, 17.51, -13.09
CIE LCh	25, 21.859, 323.226
Yxy	4.3821, 0.3097, 0.2453
Android (android.graphics.Color)	4283183695 (0xFF4C324F)
YUV	61.0800, 8.8346, 13.0848
Hunter-Lab	20.9335, 10.5508, -7.8673




Details

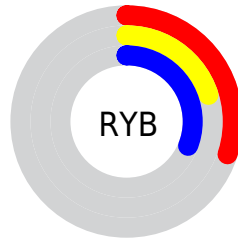
The YIQ color **61.0800, 6.1870, 14.5310** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **67.9200, -6.1870, -14.5310**, and the grayscale version is **61.0000, 0.0000, -0.0000**.


A 20% lighter version of the original color is **108.9060, 6.7370, 15.5770**, and **16.4930, 6.4620, 15.0540** is the 20% darker color. If you saturate the color by 10%, you get **56.0850, 7.7910, 18.5030**, and if you desaturate by 10%, it is **66.0750, 4.5830, 10.5590**.

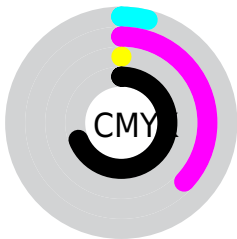
Distribution







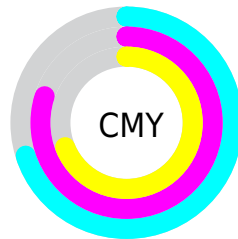
-  Red (30%)
-  Green (20%)
-  Blue (31%)






-  Red (30%)
-  Yellow (20%)
-  Blue (31%)



-  Cyan (4%)
-  Magenta (37%)
-  Yellow (0%)
-  Black (69%)



-  Cyan (70%)
-  Magenta (80%)
-  Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 61.0800, 6.1870, 14.5310 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 61.0800, 6.1870, 14.5310 by changing the saturation by 10% instead.

61.0800, 6.1870,
14.5310

61.0800, 6.1870,
14.5310

255.0000, -0.0000,
-0.0000

38.6670, 5.9120,
14.0080

108.9060, 6.7370,
15.5770

16.4930, 6.4620,
15.0540

134.6180, 7.6080,
16.3120

1.1400, -3.2100,
3.1100

160.7320, 7.2870,
16.6230

0.0000, 0.0000,
0.0000

187.5580, 7.8370,
17.6690

215.5580, 7.8370,
17.6690

240.3250, 6.8750,

13.0750

■ 61.0800, 6.1870,
14.5310

■ 61.0800, 6.1870,
14.5310

■ 56.0850, 7.7910,
18.5030

■ 66.0750, 4.5830,
10.5590

■ 51.0900, 9.3950,
22.4750

■ 71.0700, 2.9790,
6.5870

■ 46.3940, 11.5950,
26.6590

■ 75.7660, 0.7790,
2.4030

■ 41.3990, 13.1990,
30.6310

■ 80.7610, -0.8250,
-1.5690

■ 36.4040, 14.8030,
34.6030

■ 85.1690, -2.1540,
-5.0180

■ 31.9960, 16.1320,
38.0520

■ 90.1640, -3.7580,
-8.9900

■ 30.2350, 16.9570,
39.6210

■ 95.1590, -5.3620,
-12.9620

■ 100.1540, -6.9660,
-16.9340

■ 104.8500, -9.1660,
-21.1180

Harmonies

Analogous

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



59.4630, -11.1890, 10.0510



61.0800, 6.1870, 14.5310



60.6100, 19.2540, 14.5020

Triad

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



61.0800, 6.1870, 14.5310



58.2500, 19.4870, -6.2490



47.5370, -41.5370, -12.6490

Complementary

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



61.0800, 6.1870, 14.5310



67.9200, -6.1870, -14.5310

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.



47.9910, -31.3120, -16.2400



61.0800, 6.1870, 14.5310



56.3300, 7.3380, -11.8460

Square

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



61.0800, 6.1870, 14.5310



59.1140, 26.0420, 1.6100



54.2510, -8.6170, -14.5450



48.4320, -45.4350, -8.0830

Rectangle

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



61.0800, 6.1870, 14.5310



60.1390, 24.8940, 11.4060



54.2510, -8.6170, -14.5450



47.4400, -39.8860, -15.0380

Sweetspot

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



61.0800, 6.1870, 14.5310



95.2440, 2.4290, 5.5410



55.0670, -10.1340, 7.4500



46.5920, 1.3290, 3.4490



179.0000, -0.0000, -0.0000



51.0000, -0.0000, -0.0000

Same Dimension

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



61.0800, 6.1870, 14.5310



74.0900, 9.3950, 22.4750



60.7230, 11.5060, 11.7460



35.6520, 1.1000, 2.0920



39.1360, 22.0900, 51.2260



87.8140, 48.9460, 115.2020

Inverse Universe

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



59.0130, 16.3210, 7.0810



71.0250, 25.2150, 11.0950



68.2770, -11.5060, -11.7460



35.3100, 2.0630, 1.1590



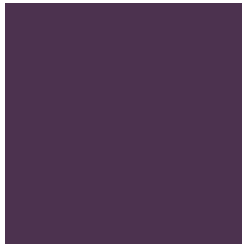
31.6380, 57.5820, 24.7340



71.5060, 129.3760, 56.2240

Previews

White Background



This preview shows how the YIQ color 61.0800, 6.1870, 14.5310 looks on a white background.

Color Contrast Check

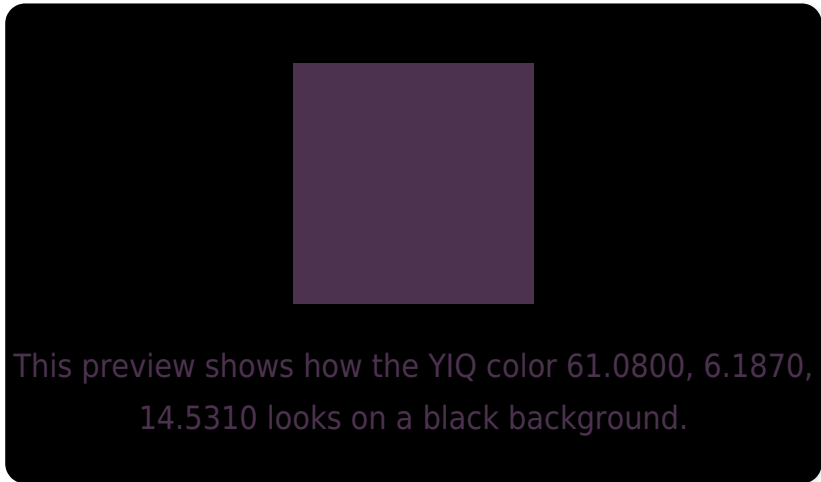
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

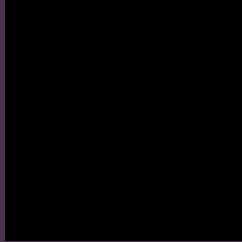
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 61.0800, 6.1870, 14.5310

Background



This preview shows how black text looks on a background with the YIQ color 61.0800, 6.1870, 14.5310.



This preview shows how white text looks on a background with the YIQ color 61.0800, 6.1870,

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

61.0800, 6.1870, 14.5310

Protanopia

59.0990, -13.1600, 7.2240

Deuteranopia

59.2690, -7.8870, 5.2730



Tritanopia

60.1370, 10.0400, 5.2720

Trichromacy



Original Color

61.0800, 6.1870, 14.5310

Protanomaly

59.6870, -6.0080, 9.7680

Deuteranomaly

60.0140, -2.6150, 8.8490

Tritanomaly

60.7610, 8.3430, 8.4950

Monochromacy



Original Color

61.0800, 6.1870, 14.5310

Achromatopsia

61.0000, 0.0000, -0.0000

Achromatomaly

60.9450, 1.8330, 5.3290

CSS Examples

Text

The CSS property to change the color of the text to YIQ 61.0800, 6.1870, 14.5310 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(76, 50, 79)` looks like.

```
.text, #text, p{  
    color:rgb(76, 50, 79)  
}
```

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(76, 50, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 50, 79) }
```

Border

The CSS property to change the border of an element to YIQ 61.0800, 6.1870, 14.5310 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(76, 50, 79) }
```


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

```
.border{ border-color:rgb(76, 50, 79) }
```

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

Here you see how a box with a 4 pixel rgb(76, 50, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 50, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 50, 79);  
box-shadow:4px 4px 4px 4px rgb(76, 50, 79)  
}
```

Background

The CSS property to change the background color of an element to YIQ 61.0800, 6.1870, 14.5310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 50, 79) }
```

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

```
.background{ background-color: rgb(76, 50,  
79) }
```

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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