

Converting Colors

YIQ(156.5480, 49.3280, 31.1520)

Have a look what the booklet for
YIQ(156.5480, 49.3280, 31.1520)
contains.

YIQ(156.5480, 49.3280, 31.1520)	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(156.5480, 49.3280,
31.1520)**

Conversions

Conversions Part 1

Format	Color
Hex	DF7B9B
RGB	223, 123, 155
RGB Percent	87%, 48%, 61%
CMY	0.1252, 0.5178, 0.3920
CMYK	0.00, 0.45, 0.30, 0.13
HSL	341°, 61%, 68%
HSV	341°, 45%, 87%
XYZ	43.4495, 32.2220, 34.9590
YIQ	156.5480, 49.3280, 31.1520

Conversions

Conversions Part 2

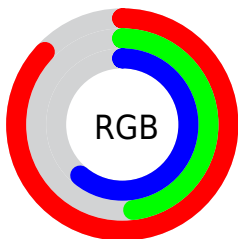
Format	Color
RYB	223, 123, 155
Decimal	14646171
CIELab	63.53, 42.39, 0.16
CIELCh	64, 42.386, 0.221
Yxy	32.2220, 0.3927, 0.2913
Android (android.graphics.Color)	4292836251 (0xFFDF7B9B)
YUV	156.5480, -0.7632, 58.2784
Hunter-Lab	56.7644, 37.2926, 3.2207

Details

The YIQ color **156.5480, 49.3280, 31.1520** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **189.4520, -49.3280, -31.1520**, and the grayscale version is **157.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **203.9700, 36.2160, 26.4880**, and **102.8680, 45.4310, 30.1910** is the 20% darker color. If you saturate the color by 10%, you get **141.9240, 60.1930, 37.9930**, and if you desaturate by 10%, it is **171.1720, 38.4630, 24.3110**.

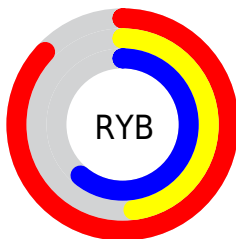
Distribution



Red (87%)

Green (48%)

Blue (61%)



Red (87%)

Yellow (48%)

Blue (61%)

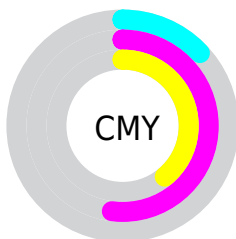


Cyan (0%)

Magenta (45%)

Yellow (30%)

Black (13%)



Cyan (13%)

Magenta (52%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 156.5480, 49.3280, 31.1520 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 156.5480, 49.3280, 31.1520 by changing the saturation by 10% instead.

156.5480, 49.3280,
31.1520

156.5480, 49.3280,
31.1520

255.0000, -0.0000,
-0.0000

129.6510, 47.5400,
30.5160

203.9700, 36.2160,
26.4880

102.8680, 45.4310,
30.1910

223.7120, 19.2070,
20.8630

76.4980, 43.5970,
30.3890

242.6730, 5.7750,
10.9830

48.7800, 42.8630,
32.6790

28.9210, 37.9120,
28.7920

18.9380, 30.0740,
16.6500

8.4860, 16.3670,

6.2470

■ 0.0000, 0.0000,
0.0000

■ 156.5480, 49.3280,
31.1520

■ 156.5480, 49.3280,
31.1520

■ 141.9240, 60.1930,
37.9930

■ 171.1720, 38.4630,
24.3110

■ 126.7130, 71.3330,
45.3570

■ 186.3830, 27.3230,
16.9470

■ 112.0890, 82.1980,
52.1980

■ 201.1210, 16.1370,
10.4170

■ 97.3510, 93.3840,
58.7280

■ 215.7450, 5.2720,
3.5760

■ 82.1400, 104.5240,
66.0920

■ 230.3690, -5.5930,
-3.2650

■ 74.7710, 110.1170,
69.3570

■ 244.4060,
-16.1830, -9.5830

■ 245.4320,
-19.0720, -6.7840

Harmonies

Analogous

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



158.2970, 22.4140, 34.3340



156.5480, 49.3280, 31.1520



154.9770, 60.7010, 17.7650

Triad

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



156.5480, 49.3280, 31.1520



146.8610, 9.4960, -28.9360



122.9950, -116.2240, -19.2320

Complementary

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



156.5480, 49.3280, 31.1520



189.4520, -49.3280, -31.1520

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.



123.3250, -108.8860, -31.0780



156.5480, 49.3280, 31.1520



140.1090, -29.4290, -33.8530

Square

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



156.5480, 49.3280, 31.1520



150.9250, 38.9750, -18.0250



118.9930, -96.6880, -42.8960



146.3600, -62.1270, 8.0890

Rectangle

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



156.5480, 49.3280, 31.1520



153.7020, 59.5570, 5.4530



118.9930, -96.6880, -42.8960



123.8440, -114.4810, -23.2890

Sweetspot

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



156.5480, 49.3280, 31.1520



233.0070, 16.4580, 10.1060



154.4330, 7.8320, 45.3040



114.0770, 10.2690, 6.6290



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



156.5480, 49.3280, 31.1520



163.2780, 68.1240, 42.9400



162.8790, 54.9250, 12.3090



104.7450, 5.2720, 3.5760



59.0080, 86.9200, 54.7280



16.1760, 23.4720, 15.1520

Inverse Universe

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



156.5480, 49.3280, 31.1520



163.2780, 68.1240, 42.9400



183.1210, -54.9250, -12.3090



104.7450, 5.2720, 3.5760



59.0080, 86.9200, 54.7280



16.1760, 23.4720, 15.1520

Previews

White Background



This preview shows how the YIQ color 156.5480, 49.3280, 31.1520 looks on a white background.

Color Contrast Check

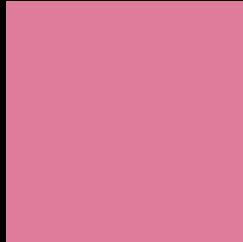
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 156.5480, 49.3280, 31.1520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

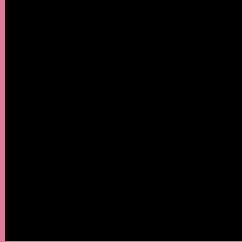
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 156.5480, 49.3280, 31.1520

Background



This preview shows how black text looks on a background with the YIQ color 156.5480, 49.3280, 31.1520.



This preview shows how white text looks on a background with the YIQ color 156.5480, 49.3280,

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

156.5480, 49.3280, 31.1520

Protanopia

154.6820, -7.6120, 5.7960

Deuteranopia

155.5070, 11.8740, 5.0740



Tritanopia

155.5450, 53.4100, 23.2500

Trichromacy



Original Color

156.5480, 49.3280, 31.1520

Protanomaly

155.2010, 13.1560, 14.8840

Deuteranomaly

156.0190, 25.3520, 14.1200

Tritanomaly

156.0550, 52.0340, 26.1620

Monochromacy



Original Color

156.5480, 49.3280, 31.1520

Achromatopsia

157.0000, 0.0000, -0.0000

Achromatomaly

157.0180, 17.9250, 11.0530

CSS Examples

Text

The CSS property to change the color of the text to YIQ 156.5480, 49.3280, 31.1520 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(223, 123, 155)` looks like.

```
.text, #text, p{  
    color:rgb(223, 123, 155)  
}
```

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(223, 123, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 123, 155) }
```

Border

The CSS property to change the border of an element to YIQ 156.5480, 49.3280, 31.1520 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(223, 123, 155) }
```


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

```
.border{ border-color:rgb(223, 123, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 123, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 123, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 123, 155);  
box-shadow:4px 4px 4px 4px rgb(223, 123,  
155) }
```

Background

The CSS property to change the background color of an element to YIQ 156.5480, 49.3280, 31.1520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 123, 155) }
```

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

```
.background{ background-color: rgb(223,  
123, 155) }
```

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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