

Converting Colors

YIQ(117.8090, 26.7240, 33.3160)

Have a look what the booklet for
YIQ(117.8090, 26.7240, 33.3160)
contains.

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Color

**YIQ(117.8090, 26.7240,
33.3160)**

Conversions

Conversions Part 1

Format	Color
Hex	A45991
RGB	164, 89, 145
RGB Percent	64%, 35%, 57%
CMY	0.3566, 0.6511, 0.4313
CMYK	0.00, 0.46, 0.12, 0.36
HSL	315°, 30%, 50%
HSV	315°, 46%, 64%
XYZ	24.0029, 17.0827, 28.8267
YIQ	117.8090, 26.7240, 33.3160

Conversions

Conversions Part 2

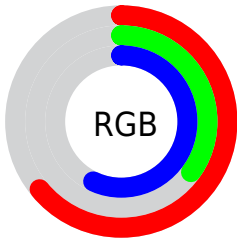
Format	Color
RYB	164, 89, 145
Decimal	10770833
CIELab	48.36, 38.61, -17.45
CIElCh	48, 42.371, 335.680
Yxy	17.0827, 0.3433, 0.2443
Android (android.graphics.Color)	4288960913 (0xFFA45991)
YUV	117.8090, 13.4052, 40.5095
Hunter-Lab	41.3312, 31.3335, -12.4204

Details

The YIQ color **117.8090, 26.7240, 33.3160** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **135.1910, -26.7240, -33.3160**, and the grayscale version is **118.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **171.2330, 28.4660, 34.7860**, and **66.4990, 24.6610, 32.1570** is the 20% darker color. If you saturate the color by 10%, you get **107.9610, 32.4080, 40.4400**, and if you desaturate by 10%, it is **127.6570, 21.0400, 26.1920**.

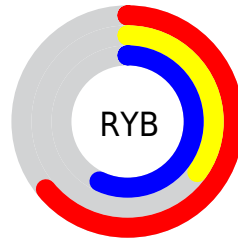
Distribution



Red (64%)

Green (35%)

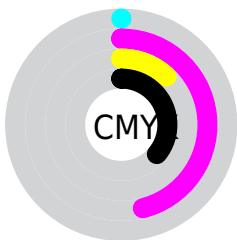
Blue (57%)



Red (64%)

Yellow (35%)

Blue (57%)

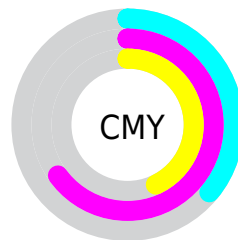


Cyan (0%)

Magenta (46%)

Yellow (12%)

Black (36%)



Cyan (36%)

Magenta (65%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 117.8090, 26.7240, 33.3160 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 117.8090, 26.7240, 33.3160 by changing the saturation by 10% instead.

■ 117.8090, 26.7240,
33.3160

■ 117.8090, 26.7240,
33.3160

■ 255.0000, -0.0000,
-0.0000

■ 92.0970, 25.8530,
32.5810

■ 171.2330, 28.4660,
34.7860

■ 66.4990, 24.6610,
32.1570

■ 199.2440, 29.9330,
35.7330

■ 39.9660, 24.8440,
34.3480

■ 220.3670, 16.2250,
30.8570

■ 23.4120, 20.3520,
27.6480

■ 236.8030, 8.5250,
16.2130

■ 14.7390, 14.5770,
16.6650

■ 253.8260, 0.5500,
1.0460

■ 0.0000, 0.0000,
0.0000

■ 117.8090, 26.7240,
33.3160

■ 117.8090, 26.7240,
33.3160

■ 107.9610, 32.4080,
40.4400

■ 127.6570, 21.0400,
26.1920

■ 97.5260, 38.3670,
48.0870

■ 138.0920, 15.0810,
18.5450

■ 87.6780, 44.0510,
55.2110

■ 147.9400, 9.3970,
11.4210

■ 77.1290, 50.3310,
62.5470

■ 158.4890, 3.1170,
4.0850

■ 67.2810, 56.0150,
69.6710

■ 168.3370, -2.5670,
-3.0390


■ 62.9440, 58.5820,
72.7100

■ 178.1850, -8.2510,
-10.1630

■ 188.6200,
-14.2100, -17.8100

■ 198.4680,

-19.8940, -24.9340

 208.9030,
-25.8530, -32.5810

Harmonies

Analogous

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



117.8570, -8.7620, 26.6460



117.8090, 26.7240, 33.3160



114.9670, 49.4660, 28.6500

Triad

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



117.8090, 26.7240, 33.3160



110.5220, 32.7400, -20.6680



94.6810, -86.1010, -19.9970

Complementary

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



117.8090, 26.7240, 33.3160



135.1910, -26.7240, -33.3160

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.



91.8650, -75.4160, -31.9280



117.8090, 26.7240, 33.3160



106.7400, 2.5270, -29.2890

Square

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



117.8090, 26.7240, 33.3160



112.7020, 50.3890, -4.6110



96.6500, -41.2580, -34.2340



94.4820, -92.4300, -9.9180

Rectangle

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



117.8090, 26.7240, 33.3160



114.1060, 56.0240, 19.9280



96.6500, -41.2580, -34.2340



94.0140, -82.8450, -23.9410

Sweetspot

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



117.8090, 26.7240, 33.3160



195.5920, 10.4970, 13.5130



103.2310, -12.7510, 27.3530



95.8640, 6.5550, 7.8590



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.



117.8090, 26.7240, 33.3160



141.3140, 42.0800, 52.3840



113.5910, 38.6010, 21.8090



76.4890, 3.1170, 4.0850



55.6670, 51.7520, 64.3280



6.8640, 6.5550, 7.8590

Inverse Universe

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



117.8090, 26.7240, 33.3160



141.3140, 42.0800, 52.3840



139.4090, -38.6010, -21.8090



76.4890, 3.1170, 4.0850



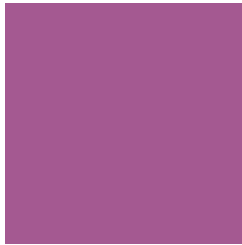
55.6670, 51.7520, 64.3280



6.8640, 6.5550, 7.8590

Previews

White Background



This preview shows how the YIQ color 117.8090, 26.7240, 33.3160 looks on a white background.

Color Contrast Check

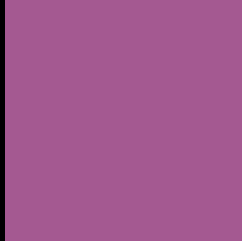
Large Text (above 18pt) WCAG AA ✓ Pass

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 117.8090, 26.7240, 33.3160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

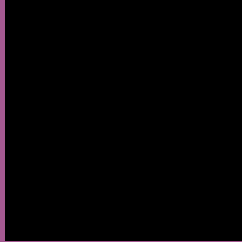
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 117.8090, 26.7240, 33.3160

Background



This preview shows how black text looks on a background with the YIQ color 117.8090, 26.7240, 33.3160.



This preview shows how white text looks on a background with the YIQ color 117.8090, 26.7240,

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

117.8090, 26.7240, 33.3160

Protanopia

115.4000, -24.0730, 12.2710

Deuteranopia

116.4910, -8.3920, 8.9200



Tritanopia

116.7490, 34.9800, 15.8440

Trichromacy



Original Color

117.8090, 26.7240, 33.3160

Protanomaly

116.1960, -5.6430, 19.6770

Deuteranomaly

116.7040, 4.4900, 17.7540

Tritanomaly

116.9970, 31.5860, 22.2900

Monochromacy



Original Color

117.8090, 26.7240, 33.3160

Achromatopsia

118.0000, 0.0000, -0.0000

Achromatomaly

117.7660, 9.9470, 12.4670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 117.8090, 26.7240, 33.3160 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(164, 89, 145)` looks like.

```
.text, #text, p{  
    color:rgb(164, 89, 145)  
}
```

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(164, 89, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 89, 145) }
```

Border

The CSS property to change the border of an element to YIQ 117.8090, 26.7240, 33.3160 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(164, 89, 145) }
```


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

```
.border{ border-color:rgb(164, 89, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 89, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 89, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 89, 145);  
box-shadow:4px 4px 4px 4px rgb(164, 89,  
145) }
```

Background

The CSS property to change the background color of an element to YIQ 117.8090, 26.7240, 33.3160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 89, 145) }
```

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

```
.background{ background-color: rgb(164, 89,  
145) }
```

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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