

Converting Colors

YIQ(128.9950, 25.9000, 26.2200)

Have a look what the booklet for
YIQ(128.9950, 25.9000, 26.2200)
contains.

| | |
|--|----|
| YIQ(128.9950, 25.9000, 26.2200) | 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(128.9950, 25.9000,
26.2200)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | AA6991 |
| RGB | 170, 105, 145 |
| RGB Percent | 67%, 41%, 57% |
| CMY | 0.3332, 0.5883, 0.4313 |
| CMYK | 0.00, 0.38, 0.15, 0.33 |
| HSL | 323°, 28%, 54% |
| HSV | 323°, 38%, 67% |
| XYZ | 26.7485, 20.6937, 29.3799 |
| YIQ | 128.9950, 25.9000, 26.2200 |

Conversions

Conversions Part 2

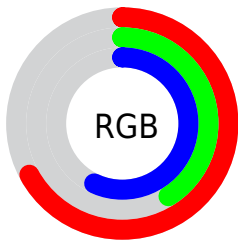
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 170, 105, 145 |
| Decimal | 11168145 |
| CIELab | 52.61, 31.92, -10.94 |
| CIELCh | 53, 33.740, 341.077 |
| Yxy | 20.6937, 0.3482, 0.2694 |
| Android (android.graphics.Color) | 4289358225 (0xFFAA6991) |
| YUV | 128.9950, 7.8905, 35.9614 |
| Hunter-Lab | 45.4903, 25.3509, -6.4493 |

Details

The YIQ color **128.9950, 25.9000, 26.2200** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **146.0050, -25.9000, -26.2200**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.4190, 27.6420, 27.6900**, and **78.3860, 23.2410, 24.8490** is the 20% darker color. If you saturate the color by 10%, you get **118.2180, 32.8220, 32.9340**, and if you desaturate by 10%, it is **139.7720, 18.9780, 19.5060**.

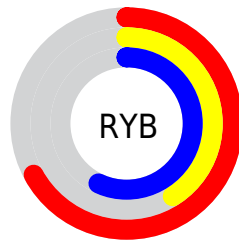
Distribution



Red (67%)

Green (41%)

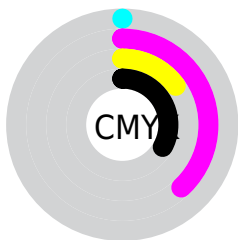
Blue (57%)



Red (67%)

Yellow (41%)

Blue (57%)

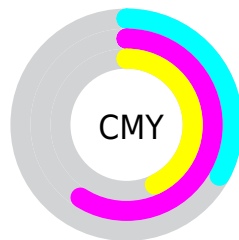


Cyan (0%)

Magenta (38%)

Yellow (15%)

Black (33%)



Cyan (33%)

Magenta (59%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 128.9950, 25.9000, 26.2200 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 128.9950, 25.9000, 26.2200 by changing the saturation by 10% instead.

128.9950, 25.9000,
26.2200

128.9950, 25.9000,
26.2200

255.0000, -0.0000,
-0.0000

103.2830, 25.0290,
25.4850

182.4190, 27.6420,
27.6900

78.3860, 23.2410,
24.8490

210.7180, 28.2380,
27.9020

54.0870, 22.6450,
24.6370

230.3460, 11.5500,
21.9660

28.7280, 22.2780,
25.7820

246.7820, 3.8500,
7.3220

16.3480, 17.2360,
18.0360

0.0000, 0.0000,
0.0000

128.9950, 25.9000,
26.2200

128.9950, 25.9000,
26.2200

118.2180, 32.8220,
32.9340

139.7720, 18.9780,
19.5060

107.5550, 39.4230,
39.9590

150.4350, 12.3770,
12.4810

96.7780, 46.3450,
46.6730

161.2120, 5.4550,
5.7670

86.1150, 52.9460,
53.6980

171.8750, -1.1460,
-1.2580

75.3380, 59.8680,
60.4120

182.6520, -8.0680,
-7.9720

64.6750, 66.4690,
67.4370


193.3150,
-14.6690, -14.9970

62.8000, 67.6150,
68.6950

204.0920,
-21.5910, -21.7110

214.7550,

-28.1920, -28.7360

 223.7710,
-34.2890, -33.8810

Harmonies

Analogous

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



128.6420, -0.9670, 23.0410



128.9950, 25.9000, 26.2200



127.2170, 42.5900, 21.1020

Triad

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



128.9950, 25.9000, 26.2200



122.0680, 22.5150, -17.0770



100.1750, -90.5480, -22.0040

Complementary

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



128.9950, 25.9000, 26.2200



146.0050, -25.9000, -26.2200

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.



98.2710, -82.4310, -31.4470



128.9950, 25.9000, 26.2200



118.9770, -2.3340, -23.7900

Square

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



128.9950, 25.9000, 26.2200



124.3140, 39.7980, -5.4020



112.5140, -34.7030, -26.3750



111.1380, -70.7900, -5.6220

Rectangle

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



128.9950, 25.9000, 26.2200



126.5130, 47.2680, 13.4120



112.5140, -34.7030, -26.3750



99.7360, -87.9340, -25.3260

Sweetspot

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



128.9950, 25.9000, 26.2200



206.1850, 10.0850, 9.9650



119.8850, -5.9650, 25.5150



103.2120, 5.4550, 5.7670



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



128.9950, 25.9000, 26.2200



157.6800, 40.5690, 41.2170



125.3470, 36.1720, 16.2680



78.9620, 3.1630, 3.2510



54.6260, 58.9970, 59.6770



7.4620, 7.7470, 8.2830

Inverse Universe

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



128.9950, 25.9000, 26.2200



157.6800, 40.5690, 41.2170



149.6530, -36.1720, -16.2680



78.9620, 3.1630, 3.2510



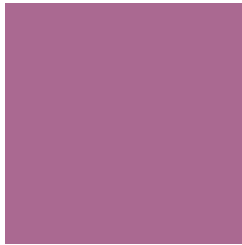
54.6260, 58.9970, 59.6770



7.4620, 7.7470, 8.2830

Previews

White Background



This preview shows how the YIQ color 128.9950, 25.9000, 26.2200 looks on a white background.

Color Contrast Check

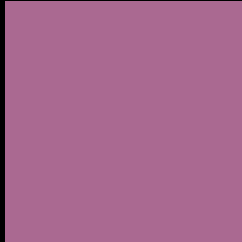
Large Text (above 18pt) WCAG AA ✓ Pass

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 128.9950, 25.9000, 26.2200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

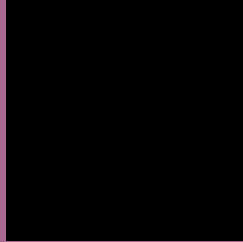
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 128.9950, 25.9000, 26.2200

Background



This preview shows how black text looks on a background with the YIQ color 128.9950, 25.9000, 26.2200.



This preview shows how white text looks on a background with the YIQ color 128.9950, 25.9000,

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

128.9950, 25.9000, 26.2200

Protanopia

126.6690, -14.7650, 8.7790

Deuteranopia

127.5580, -1.3310, 7.6050



Tritanopia

127.9550, 31.4040, 14.5720

Trichromacy



Original Color

128.9950, 25.9000, 26.2200

Protanomaly

127.6710, 0.0890, 14.9130

Deuteranomaly

127.7490, 8.6170, 14.5450

Tritanomaly

128.2200, 29.3400, 18.9400

Monochromacy



Original Color

128.9950, 25.9000, 26.2200

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

128.8860, 9.4890, 9.7530

CSS Examples

Text

The CSS property to change the color of the text to YIQ 128.9950, 25.9000, 26.2200 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(170, 105, 145)` looks like.

```
.text, #text, p{  
    color:rgb(170, 105, 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(170, 105, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 105, 145) }
```

Border

The CSS property to change the border of an element to YIQ 128.9950, 25.9000, 26.2200 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(170, 105, 145) }
```


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

```
.border{ border-color:rgb(170, 105, 145) }
```

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

Here you see how a box with a 4 pixel rgb(170, 105, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 105, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 105, 145);  
box-shadow:4px 4px 4px 4px rgb(170, 105,  
145) }
```

Background

The CSS property to change the background color of an element to YIQ 128.9950, 25.9000, 26.2200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 105, 145) }
```

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

```
.background{ background-color: rgb(170,  
105, 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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