

Converting Colors

YIQ(130.4750, 33.2360, 25.4280)

Have a look what the booklet for
YIQ(130.4750, 33.2360, 25.4280)
contains.

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Color

**YIQ(130.4750, 33.2360,
25.4280)**

Conversions

Conversions Part 1

Format	Color
Hex	B26989
RGB	178, 105, 137
RGB Percent	70%, 41%, 54%
CMY	0.3018, 0.5883, 0.4626
CMYK	0.00, 0.41, 0.23, 0.30
HSL	334°, 32%, 55%
HSV	334°, 41%, 70%
XYZ	27.9372, 21.3747, 26.3305
YIQ	130.4750, 33.2360, 25.4280

Conversions

Conversions Part 2

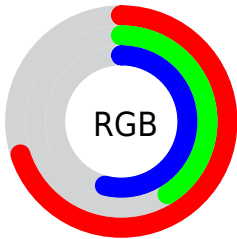
Format	Color
R_{YB}	178, 105, 137
Decimal	11692425
CIE Lab	53.36, 33.49, -5.02
CIE LCh	53, 33.865, 351.472
Yxy	21.3747, 0.3693, 0.2826
Android (android.graphics.Color)	4289882505 (0xFFB26989)
YUV	130.4750, 3.2168, 41.6794
Hunter-Lab	46.2327, 26.9555, -1.4039

Details

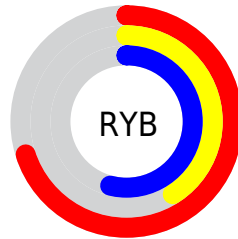
The YIQ color **130.4750, 33.2360, 25.4280** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **152.5250, -33.2360, -25.4280**, and the grayscale version is **130.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **184.6710, 35.6200, 26.2760**, and **78.9800, 30.2560, 24.3680** is the 20% darker color. If you saturate the color by 10%, you get **118.7690, 41.3960, 31.7320**, and if you desaturate by 10%, it is **142.1810, 25.0760, 19.1240**.

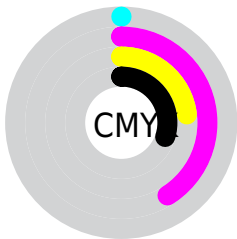
Distribution



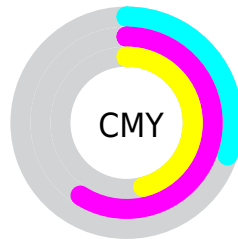
- Red (70%)
- Green (41%)
- Blue (54%)



- Red (70%)
- Yellow (41%)
- Blue (54%)



- Cyan (0%)
- Magenta (41%)
- Yellow (23%)
- Black (30%)



- Cyan (30%)
- Magenta (59%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 130.4750, 33.2360, 25.4280 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 130.4750, 33.2360, 25.4280 by changing the saturation by 10% instead.


 130.4750, 33.2360,
25.4280


 130.4750, 33.2360,
25.4280


255.0000, -0.0000,
-0.0000


 104.5780, 31.4480,
24.7920


 184.6710, 35.6200,
26.2760

 78.9800, 30.2560,
24.3680


 209.6920, 31.1270,
25.1030


 54.4960, 28.7430,
24.2550

 229.4340, 14.1180,
19.4780

 28.6640, 28.3300,
26.2340

 247.3690, 3.5750,
6.7990

 16.8600, 21.5460,
17.0180

 3.5880, 7.1520,
2.5440

 0.0000, 0.0000,

0.0000

■ 130.4750, 33.2360,
25.4280

■ 130.4750, 33.2360,
25.4280

■ 118.7690, 41.3960,
31.7320

■ 142.1810, 25.0760,
19.1240

■ 107.0630, 49.5560,
38.0360

■ 153.8870, 16.9160,
12.8200

■ 95.9440, 57.4410,
43.8170

■ 165.0060, 9.0310,
7.0390

■ 84.2380, 65.6010,
50.1210

■ 176.7120, 0.8710,
0.7350

■ 72.5320, 73.7610,
56.4250

■ 188.4180, -7.2890,
-5.5690

■ 62.1140, 81.0500,
61.9940

■ 200.1240,
-15.4490, -11.8730

■ 211.8300,
-23.6090, -18.1770

■ 222.9490,
-31.4940, -23.9580

■ 228.7850,
-36.9040, -25.0320

Harmonies

Analogous

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



131.0840, 9.5320, 25.5000



130.4750, 33.2360, 25.4280



128.9630, 46.1210, 17.6810

Triad

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



130.4750, 33.2360, 25.4280



123.0670, 15.0880, -20.1440



101.7880, -93.7120, -19.7280

Complementary

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



130.4750, 33.2360, 25.4280



152.5250, -33.2360, -25.4280

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.



100.8130, -86.8330, -28.7610



130.4750, 33.2360, 25.4280



119.0620, -12.8790, -25.4150

Square

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



130.4750, 33.2360, 25.4280



125.8140, 35.2140, -10.4340



111.4570, -47.7240, -27.1800



118.8950, -56.6240, 1.9680

Rectangle

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



130.4750, 33.2360, 25.4280



128.3510, 47.5440, 8.4080



111.4570, -47.7240, -27.1800



101.5770, -91.7400, -22.4280

Sweetspot

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



130.4750, 33.2360, 25.4280



213.7400, 12.8360, 9.6680



125.2820, 0.4070, 31.1830



106.5820, 7.2890, 5.5690



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



130.4750, 33.2360, 25.4280



157.7860, 51.8940, 39.7180



129.1750, 42.4080, 13.3840



83.1470, 4.0800, 3.1520



53.3850, 69.6810, 53.2730



9.0280, 11.9650, 8.9330

Inverse Universe

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



130.4750, 33.2360, 25.4280



157.7860, 51.8940, 39.7180



153.8250, -42.4080, -13.3840



83.1470, 4.0800, 3.1520



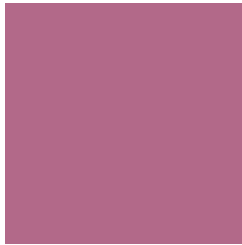
53.3850, 69.6810, 53.2730



9.0280, 11.9650, 8.9330

Previews

White Background



This preview shows how the YIQ color 130.4750, 33.2360, 25.4280 looks on a white background.

Color Contrast Check

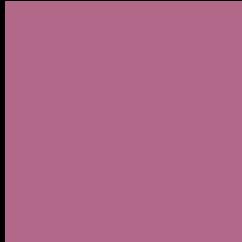
Large Text (above 18pt) WCAG AA ✓ Pass

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 130.4750, 33.2360, 25.4280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

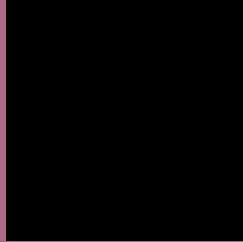
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 130.4750, 33.2360, 25.4280

Background



This preview shows how black text looks on a background with the YIQ color 130.4750, 33.2360, 25.4280.



This preview shows how white text looks on a background with the YIQ color 130.4750, 33.2360,

25.4280.

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

130.4750, 33.2360, 25.4280

Protanopia

128.5400, -10.0880, 6.6160

Deuteranopia

129.3260, 5.1340, 6.0780



Tritanopia

129.9450, 37.3640, 16.6920

Trichromacy



Original Color

130.4750, 33.2360, 25.4280

Protanomaly

129.2540, 5.6370, 13.4850

Deuteranomaly

129.8160, 15.6780, 13.2300

Tritanomaly

130.4550, 35.9880, 19.6040

Monochromacy



Original Color

130.4750, 33.2360, 25.4280

Achromatopsia

130.0000, -0.0000, -0.0000

Achromatomaly

130.1420, 11.6440, 9.2440

CSS Examples

Text

The CSS property to change the color of the text to YIQ 130.4750, 33.2360, 25.4280 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(178, 105, 137)` looks like.

```
.text, #text, p{  
    color:rgb(178, 105, 137)  
}
```

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(178, 105, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 105, 137) }
```

Border

The CSS property to change the border of an element to YIQ 130.4750, 33.2360, 25.4280 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(178, 105, 137) }
```


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

```
.border{ border-color:rgb(178, 105, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 105, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 105, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 105, 137);  
box-shadow:4px 4px 4px 4px rgb(178, 105,  
137) }
```

Background

The CSS property to change the background color of an element to YIQ 130.4750, 33.2360, 25.4280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 105, 137) }
```

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

```
.background{ background-color: rgb(178,  
105, 137) }
```

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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