

Converting Colors

YIQ(130.1600, 29.5690, 20.2970)

Have a look what the booklet for
YIQ(130.1600, 29.5690, 20.2970)
contains.

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Color

**YIQ(130.1600, 29.5690,
20.2970)**

Conversions

Conversions Part 1

Format	Color
Hex	AB6D84
RGB	171, 109, 132
RGB Percent	67%, 43%, 52%
CMY	0.3292, 0.5726, 0.4823
CMYK	0.00, 0.36, 0.23, 0.33
HSL	338°, 27%, 55%
HSV	338°, 36%, 67%
XYZ	26.4360, 21.2609, 24.5493
YIQ	130.1600, 29.5690, 20.2970

Conversions

Conversions Part 2

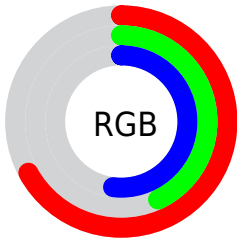
Format	Color
R_{YB}	171, 109, 132
Decimal	11234692
CIE Lab	53.23, 27.96, -2.36
CIE LCh	53, 28.057, 355.177
Yxy	21.2609, 0.3659, 0.2943
Android (android.graphics.Color)	4289424772 (0xFFAB6D84)
YUV	130.1600, 0.9071, 35.8167
Hunter-Lab	46.1096, 21.6478, 0.7099

Details

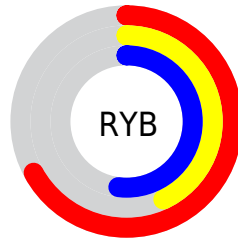
The YIQ color **130.1600, 29.5690, 20.2970** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **149.8400, -29.5690, -20.2970**, and the grayscale version is **130.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **183.4700, 31.6320, 21.4560**, and **79.6650, 26.5890, 19.2370** is the 20% darker color. If you saturate the color by 10%, you get **118.9270, 37.7750, 25.7670**, and if you desaturate by 10%, it is **141.3930, 21.3630, 14.8270**.

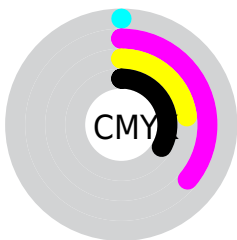
Distribution



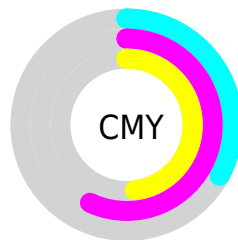
- Red (67%)
- Green (43%)
- Blue (52%)



- Red (67%)
- Yellow (43%)
- Blue (52%)



- Cyan (0%)
- Magenta (36%)
- Yellow (23%)
- Black (33%)





- Cyan (33%)
- Magenta (57%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 130.1600, 29.5690, 20.2970 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 130.1600, 29.5690, 20.2970 by changing the saturation by 10% instead.


 130.1600, 29.5690,
20.2970


 130.1600, 29.5690,
20.2970


255.0000, -0.0000,
-0.0000


 104.5620, 28.3770,
19.8730


 183.7690, 32.2280,
21.6680


 79.6650, 26.5890,
19.2370


 211.4700, 31.6320,
21.4560

 56.0670, 25.3970,
18.8130

 231.0980, 14.9440,
15.5200

 31.9960, 24.1590,
19.2230

 249.1300, 2.7500,
5.2300

 15.0940, 20.7670,
14.6150

 0.0000, 0.0000,
0.0000

130.1600, 29.5690,
20.2970

130.1600, 29.5690,
20.2970

118.9270, 37.7750,
25.7670

141.3930, 21.3630,
14.8270

107.8080, 45.6600,
31.5480

152.6260, 13.1570,
9.3570

96.5750, 53.8660,
37.0180

163.7450, 5.2720,
3.5760

85.3420, 62.0720,
42.4880

174.9780, -2.9340,
-1.8940

73.5220, 70.5530,
48.4810

186.2110,
-11.1400, -7.3640

62.4030, 78.4380,
54.2620


198.0310,
-19.6210, -13.3570

58.4250, 81.3720,
56.1560

209.1500,
-27.5060, -19.1380

220.3830,

-35.7120, -24.6080

 226.9200,
-41.7180, -25.8940

Harmonies

Analogous

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



130.6340, 10.6790, 21.2310



130.1600, 29.5690, 20.2970



128.9080, 38.7860, 12.9460

Triad

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



130.1600, 29.5690, 20.2970



123.4240, 9.7690, -17.3590



114.2930, -61.1610, -9.4250

Complementary

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



130.1600, 29.5690, 20.2970



149.8400, -29.5690, -20.2970

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.



110.8980, -61.8470, -19.0230



130.1600, 29.5690, 20.2970



119.8110, -13.4300, -20.9340

Square

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



130.1600, 29.5690, 20.2970



125.7470, 28.1530, -9.1190



115.2240, -39.5180, -21.7100



122.8600, -40.3480, 4.3560

Rectangle

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



130.1600, 29.5690, 20.2970



128.4640, 39.7960, 5.6520



115.2240, -39.5180, -21.7100



111.9180, -64.5990, -13.1990

Sweetspot

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



130.1600, 29.5690, 20.2970



205.6150, 11.6900, 8.4100



127.4300, 2.7460, 27.3380



102.7560, 6.7390, 4.5230



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.



130.1600, 29.5690, 20.2970



157.4060, 46.8520, 31.9720



131.6470, 35.0270, 9.4830



81.0330, 4.4010, 2.8410



51.2340, 71.4240, 49.2160



7.9030, 10.8190, 7.6750

Inverse Universe

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



130.1600, 29.5690, 20.2970



157.4060, 46.8520, 31.9720



148.3530, -35.0270, -9.4830



81.0330, 4.4010, 2.8410



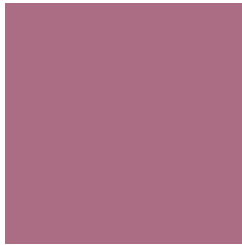
51.2340, 71.4240, 49.2160



7.9030, 10.8190, 7.6750

Previews

White Background



This preview shows how the YIQ color 130.1600, 29.5690, 20.2970 looks on a white background.

Color Contrast Check

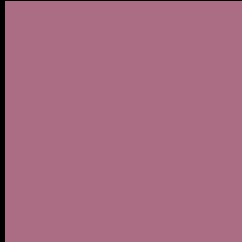
Large Text (above 18pt) WCAG AA ✓ Pass

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 130.1600, 29.5690, 20.2970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

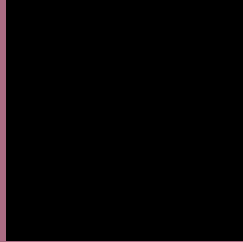
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 130.1600, 29.5690, 20.2970

Background



This preview shows how black text looks on a background with the YIQ color 130.1600, 29.5690, 20.2970.



This preview shows how white text looks on a background with the YIQ color 130.1600, 29.5690,

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

130.1600, 29.5690, 20.2970

Protanopia

128.2260, -6.3280, 4.5520

Deuteranopia

129.0550, 7.3350, 4.7350



Tritanopia

129.6670, 32.2750, 15.3070

Trichromacy



Original Color

130.1600, 29.5690, 20.2970

Protanomaly

128.7440, 7.0130, 10.5730

Deuteranomaly

129.8220, 15.5410, 10.2050

Tritanomaly

129.5360, 31.2660, 17.0740

Monochromacy



Original Color

130.1600, 29.5690, 20.2970

Achromatopsia

130.0000, -0.0000, -0.0000

Achromatomaly

129.9030, 10.8190, 7.6750

CSS Examples

Text

The CSS property to change the color of the text to YIQ 130.1600, 29.5690, 20.2970 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(171, 109, 132)` looks like.

```
.text, #text, p{  
    color:rgb(171, 109, 132)  
}
```

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(171, 109, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 109, 132) }
```

Border

The CSS property to change the border of an element to YIQ 130.1600, 29.5690, 20.2970 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(171, 109, 132) }
```


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

```
.border{ border-color:rgb(171, 109, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 109, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 109, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 109, 132);  
box-shadow:4px 4px 4px 4px rgb(171, 109,  
132) }
```

Background

The CSS property to change the background color of an element to YIQ 130.1600, 29.5690, 20.2970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 109, 132) }
```

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

```
.background{ background-color: rgb(171,  
109, 132) }
```

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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