

Converting Colors

YIQ(129.8970, 20.1240, 20.7640)

Have a look what the booklet for
YIQ(129.8970, 20.1240, 20.7640)
contains.

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Color

**YIQ(129.8970, 20.1240,
20.7640)**

Conversions

Conversions Part 1

Format	Color
Hex	A26F8F
RGB	162, 111, 143
RGB Percent	64%, 44%, 56%
CMY	0.3646, 0.5648, 0.4392
CMYK	0.00, 0.32, 0.12, 0.36
HSL	322°, 22%, 54%
HSV	322°, 32%, 64%
XYZ	25.5487, 21.0330, 28.7054
YIQ	129.8970, 20.1240, 20.7640

Conversions

Conversions Part 2

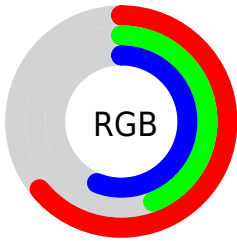
Format	Color
R_{YB}	162, 111, 143
Decimal	10645391
CIE _{Lab}	52.99, 25.33, -9.30
CIE _{LCh}	53, 26.988, 339.839
Yxy	21.0330, 0.3394, 0.2794
Android (android.graphics.Color)	4288835471 (0xFFA26F8F)
YUV	129.8970, 6.4598, 28.1543
Hunter-Lab	45.8617, 19.1810, -5.0071

Details

The YIQ color **129.8970, 20.1240, 20.7640** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **143.1030, -20.1240, -20.7640**, and the grayscale version is **130.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **183.3210, 21.8660, 22.2340**, and **79.5870, 18.0610, 19.6050** is the 20% darker color. If you saturate the color by 10%, you get **119.8210, 26.4500, 27.2660**, and if you desaturate by 10%, it is **139.9730, 13.7980, 14.2620**.

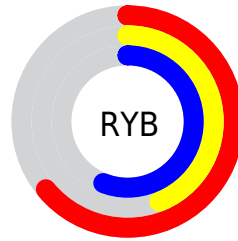
Distribution



Red (64%)

Green (44%)

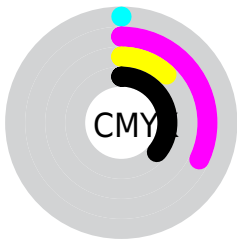
Blue (56%)



Red (64%)

Yellow (44%)

Blue (56%)

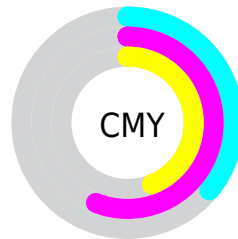


Cyan (0%)

Magenta (32%)

Yellow (12%)

Black (36%)



Cyan (36%)

Magenta (56%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 129.8970, 20.1240, 20.7640 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 129.8970, 20.1240, 20.7640 by changing the saturation by 10% instead.

129.8970, 20.1240,
20.7640

129.8970, 20.1240,
20.7640

255.0000, -0.0000,
-0.0000

104.1850, 19.2530,
20.0290

183.3210, 21.8660,
22.2340

79.5870, 18.0610,
19.6050

211.3210, 21.8660,
22.2340

55.8750, 17.1900,
18.8700

233.6400, 10.5420,
18.2060

33.2770, 15.9980,
18.4460

250.3040, 2.2000,
4.1840

14.6250, 14.8980,
16.3540

0.0000, 0.0000,
0.0000

129.8970, 20.1240,
20.7640

129.8970, 20.1240,
20.7640

119.8210, 26.4500,
27.2660

139.9730, 13.7980,
14.2620

109.7450, 32.7760,
33.7680

150.0490, 7.4720,
7.7600

99.0820, 39.3770,
40.7930

160.7120, 0.8710,
0.7350

89.0060, 45.7030,
47.2950

170.7880, -5.4550,
-5.7670

78.9300, 52.0290,
53.7970

180.8640,
-11.7810, -12.2690

68.8540, 58.3550,
60.2990


190.9400,
-18.1070, -18.7710

60.0660, 63.8100,
66.0660

201.0160,
-24.4330, -25.2730

211.6790,

-31.0340, -32.2980

 220.5810,
-36.8100, -37.7540

Harmonies

Analogous

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



129.2950, -1.6080, 18.1360



129.8970, 20.1240, 20.7640



129.0910, 34.0170, 16.7770

Triad

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



129.8970, 20.1240, 20.7640



124.6210, 19.5800, -13.4440



112.1310, -60.8850, -14.4290

Complementary

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



129.8970, 20.1240, 20.7640



143.1030, -20.1240, -20.7640

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.



113.3140, -48.4590, -19.3630



129.8970, 20.1240, 20.7640



121.5090, -0.7760, -18.9840

Square

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



129.8970, 20.1240, 20.7640



126.5460, 33.3330, -3.8750



117.7650, -24.9840, -20.7920



118.2670, -49.1040, -2.1600

Rectangle

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



129.8970, 20.1240, 20.7640



128.5550, 38.2820, 11.0660



117.7650, -24.9840, -20.7920



112.0340, -59.2340, -16.8180

Sweetspot

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



129.8970, 20.1240, 20.7640



200.0490, 7.4720, 7.7600



122.4950, -5.0470, 19.8890



99.5000, 4.5840, 5.0320



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.



129.8970, 20.1240, 20.7640



161.0330, 31.9050, 33.0330



127.0470, 28.1490, 12.9890



76.3750, 3.4380, 3.7740



53.7290, 57.2090, 59.0410



6.6360, 7.1970, 7.2370

Inverse Universe

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



129.8970, 20.1240, 20.7640



161.0330, 31.9050, 33.0330



145.9530, -28.1490, -12.9890



76.3750, 3.4380, 3.7740



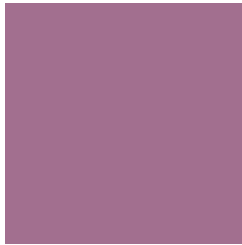
53.7290, 57.2090, 59.0410



6.6360, 7.1970, 7.2370

Previews

White Background



This preview shows how the YIQ color 129.8970, 20.1240, 20.7640 looks on a white background.

Color Contrast Check

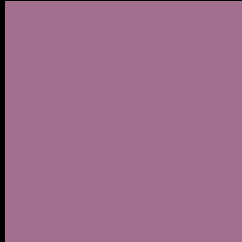
Large Text (above 18pt) WCAG AA ✓ Pass

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 129.8970, 20.1240, 20.7640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

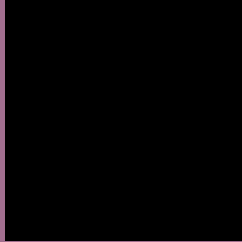
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 129.8970, 20.1240, 20.7640

Background



This preview shows how black text looks on a background with the YIQ color 129.8970, 20.1240, 20.7640.



This preview shows how white text looks on a background with the YIQ color 129.8970, 20.1240,

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

129.8970, 20.1240, 20.7640

Protanopia

127.5830, -11.6470, 7.3370

Deuteranopia

128.0420, 0.1820, 7.7180



Tritanopia

129.3670, 24.2520, 12.0280

Trichromacy



Original Color

129.8970, 20.1240, 20.7640

Protanomaly

128.6770, -0.0480, 11.8880

Deuteranomaly

129.0970, 7.5170, 12.4530

Tritanomaly

129.8770, 22.8760, 14.9400

Monochromacy



Original Color

129.8970, 20.1240, 20.7640

Achromatopsia

130.0000, -0.0000, -0.0000

Achromatomaly

130.0490, 7.4720, 7.7600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 129.8970, 20.1240, 20.7640 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(162, 111, 143)` looks like.

```
.text, #text, p{  
    color:rgb(162, 111, 143)  
}
```

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(162, 111, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 111, 143) }
```

Border

The CSS property to change the border of an element to YIQ 129.8970, 20.1240, 20.7640 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(162, 111, 143) }
```


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

```
.border{ border-color:rgb(162, 111, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 111, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 111, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 111, 143);  
box-shadow:4px 4px 4px 4px rgb(162, 111,  
143) }
```

Background

The CSS property to change the background color of an element to YIQ 129.8970, 20.1240, 20.7640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 111, 143) }
```

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

```
.background{ background-color: rgb(162,  
111, 143) }
```

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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