

Converting Colors

YIQ(116.0160, 21.4070, 25.0470)

Have a look what the booklet for
YIQ(116.0160, 21.4070, 25.0470)
contains.

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Color

**YIQ(116.0160, 21.4070,
25.0470)**

Conversions

Conversions Part 1

Format	Color
Hex	985E87
RGB	152, 94, 135
RGB Percent	60%, 37%, 53%
CMY	0.4038, 0.6315, 0.4705
CMYK	0.00, 0.38, 0.11, 0.40
HSL	318°, 24%, 48%
HSV	318°, 38%, 60%
XYZ	21.3314, 16.4302, 24.9737
YIQ	116.0160, 21.4070, 25.0470

Conversions

Conversions Part 2

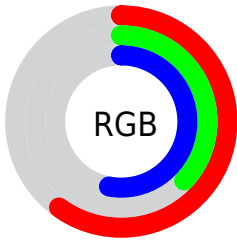
Format	Color
R_{YB}	152, 94, 135
Decimal	9985671
CIE _{Lab}	47.53, 30.00, -12.88
CIE _{LCh}	48, 32.650, 336.758
Yxy	16.4302, 0.3400, 0.2619
Android (android.graphics.Color)	4288175751 (0xFF985E87)
YUV	116.0160, 9.3591, 31.5580
Hunter-Lab	40.5341, 23.0021, -8.1556

Details

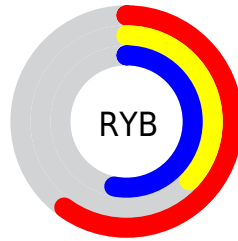
The YIQ color **116.0160, 21.4070, 25.0470** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **129.9840, -21.4070, -25.0470**, and the grayscale version is **116.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **168.4400, 23.1490, 26.5170**, and **66.5920, 19.6650, 23.5770** is the 20% darker color. If you saturate the color by 10%, you get **106.7550, 26.8160, 31.6480**, and if you desaturate by 10%, it is **125.2770, 15.9980, 18.4460**.

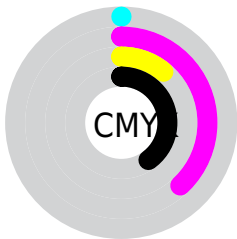
Distribution



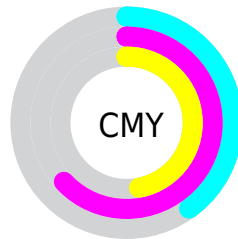
- Red (60%)
- Green (37%)
- Blue (53%)



- Red (60%)
- Yellow (37%)
- Blue (53%)



- Cyan (0%)
- Magenta (38%)
- Yellow (11%)
- Black (40%)





- Cyan (40%)
- Magenta (63%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 116.0160, 21.4070, 25.0470 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 116.0160, 21.4070, 25.0470 by changing the saturation by 10% instead.


 116.0160, 21.4070,
25.0470


 116.0160, 21.4070,
25.0470


255.0000, -0.0000,
-0.0000


 90.4180, 20.2150,
24.6230


 168.4400, 23.1490,
26.5170


 66.5920, 19.6650,
23.5770


 196.1520, 24.0200,
27.2520

 42.4070, 18.7480,
23.6760

 221.5750, 18.3350,
25.6550

 19.8090, 17.5560,
23.2520

 239.1510, 7.4250,
14.1210

 10.8370, 11.1850,
12.0570

 0.0000, 0.0000,
0.0000

116.0160, 21.4070,
25.0470

116.0160, 21.4070,
25.0470

106.7550, 26.8160,
31.6480

125.2770, 15.9980,
18.4460

97.3800, 32.5460,
37.9380

134.6520, 10.2680,
12.1560

87.5320, 38.2300,
45.0620

144.5000, 4.5840,
5.0320

78.1570, 43.9600,
51.3520

153.8750, -1.1460,
-1.2580

68.8960, 49.3690,
57.9530

163.1360, -6.5550,
-7.8590

59.5210, 55.0990,
64.2430


172.5110,
-12.2850, -14.1490

57.6460, 56.2450,
65.5010

181.7720,
-17.6940, -20.7500

191.7340,

-23.6990, -27.5630

 200.9950,
-29.1080, -34.1640

Harmonies

Analogous

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



115.4350, -4.8180, 21.2460



116.0160, 21.4070, 25.0470



114.4770, 38.9220, 21.4980

Triad

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



116.0160, 21.4070, 25.0470



109.9050, 24.5320, -15.0840



90.4920, -81.1950, -20.8030

Complementary

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



116.0160, 21.4070, 25.0470



129.9840, -21.4070, -25.0470

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.



88.0010, -72.8030, -29.7230



116.0160, 21.4070, 25.0470



107.0700, 1.8380, -22.3060

Square

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



116.0160, 21.4070, 25.0470



112.3680, 39.7060, -3.7340



101.2760, -28.1010, -24.8770



90.5060, -83.8100, -11.9540

Rectangle

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



116.0160, 21.4070, 25.0470



113.4850, 44.4710, 14.5430



101.2760, -28.1010, -24.8770



90.1670, -78.9020, -23.8140

Sweetspot

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



116.0160, 21.4070, 25.0470



185.2880, 8.2970, 9.3290



105.3960, -9.0820, 21.4300



91.6140, 4.2630, 5.3430



227.0000, -0.0000, -0.0000



99.0000, -0.0000, 0.0000

Same Dimension

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



116.0160, 21.4070, 25.0470



141.9180, 33.9670, 39.7190



112.8240, 30.3950, 16.3390



71.9620, 3.1630, 3.2510



53.1460, 51.6610, 60.4690



4.9130, 4.8590, 5.5550

Inverse Universe

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



116.0160, 21.4070, 25.0470



141.9180, 33.9670, 39.7190



133.1760, -30.3950, -16.3390



71.9620, 3.1630, 3.2510



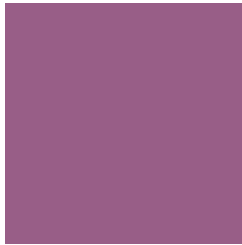
53.1460, 51.6610, 60.4690



4.9130, 4.8590, 5.5550

Previews

White Background



This preview shows how the YIQ color 116.0160, 21.4070, 25.0470 looks on a white background.

Color Contrast Check

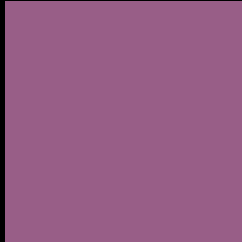
Large Text (above 18pt) WCAG AA ✓ Pass

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 116.0160, 21.4070, 25.0470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

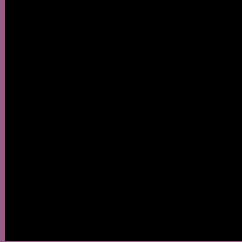
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 116.0160, 21.4070, 25.0470

Background



This preview shows how black text looks on a background with the YIQ color 116.0160, 21.4070, 25.0470.



This preview shows how white text looks on a background with the YIQ color 116.0160, 21.4070,

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

116.0160, 21.4070, 25.0470

Protanopia

113.7120, -16.3240, 9.5000

Deuteranopia

114.0030, -4.0820, 7.9020



Tritanopia

114.8620, 27.2320, 13.0880

Trichromacy



Original Color

116.0160, 21.4070, 25.0470

Protanomaly

114.1160, -2.6620, 15.2100

Deuteranomaly

114.4820, 4.9950, 14.1070

Tritanomaly

115.1270, 25.1680, 17.4560

Monochromacy



Original Color

116.0160, 21.4070, 25.0470

Achromatopsia

116.0000, -0.0000, 0.0000

Achromatomaly

115.9890, 7.7010, 9.1170

CSS Examples

Text

The CSS property to change the color of the text to YIQ 116.0160, 21.4070, 25.0470 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(152, 94, 135)` looks like.

```
.text, #text, p{  
    color:rgb(152, 94, 135)  
}
```

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(152, 94, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 94, 135) }
```

Border

The CSS property to change the border of an element to YIQ 116.0160, 21.4070, 25.0470 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(152, 94, 135) }
```


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

```
.border{ border-color:rgb(152, 94, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 94, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 94, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 94, 135);  
box-shadow:4px 4px 4px 4px rgb(152, 94,  
135) }
```

Background

The CSS property to change the background color of an element to YIQ 116.0160, 21.4070, 25.0470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 94, 135) }
```

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

```
.background{ background-color: rgb(152, 94,  
135) }
```

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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