

Converting Colors

YIQ(116.0430, 35.1130, 40.9770)

Have a look what the booklet for
YIQ(116.0430, 35.1130, 40.9770)
contains.

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Color

**YIQ(116.0430, 35.1130,
40.9770)**

Conversions

Conversions Part 1

Format	Color
Hex	AF5093
RGB	175, 80, 147
RGB Percent	69%, 31%, 58%
CMY	0.3135, 0.6864, 0.4234
CMYK	0.00, 0.54, 0.16, 0.31
HSL	318°, 37%, 50%
HSV	318°, 54%, 69%
XYZ	25.8285, 16.9606, 29.5254
YIQ	116.0430, 35.1130, 40.9770

Conversions

Conversions Part 2

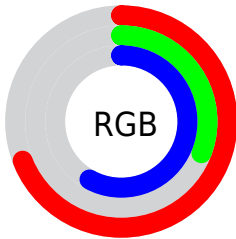
Format	Color
R_{YB}	175, 80, 147
Decimal	11489427
CIE _{Lab}	48.21, 47.09, -18.74
CIE _{LCh}	48, 50.684, 338.295
Yxy	16.9606, 0.3572, 0.2345
Android (android.graphics.Color)	4289679507 (0xFFAF5093)
YUV	116.0430, 15.2618, 51.7053
Hunter-Lab	41.1833, 39.8771, -13.6782

Details

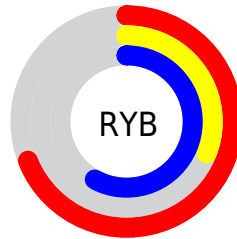
The YIQ color **116.0430, 35.1130, 40.9770** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **138.9570, -35.1130, -40.9770**, and the grayscale version is **116.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **170.6520, 37.7720, 42.3480**, and **61.4990, 33.8290, 42.2210** is the 20% darker color. If you saturate the color by 10%, you get **104.9070, 41.6680, 48.8360**, and if you desaturate by 10%, it is **126.5920, 28.8330, 33.6410**.

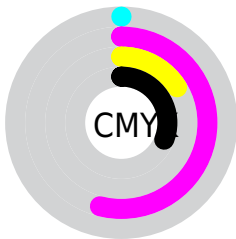
Distribution



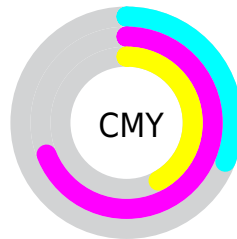
- Red (69%)
- Green (31%)
- Blue (58%)



- Red (69%)
- Yellow (31%)
- Blue (58%)



- Cyan (0%)
- Magenta (54%)
- Yellow (16%)
- Black (31%)



- Cyan (31%)
- Magenta (69%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 116.0430, 35.1130, 40.9770 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 116.0430, 35.1130, 40.9770 by changing the saturation by 10% instead.

■ 116.0430, 35.1130,
40.9770

■ 116.0430, 35.1130,
40.9770

■ 255.0000, -0.0000,
-0.0000

■ 89.4450, 33.9210,
40.5530

■ 170.6520, 37.7720,
42.3480

■ 61.4990, 33.8290,
42.2210

■ 196.2710, 34.4710,
41.5990

■ 36.0150, 32.3160,
42.1080

■ 215.6710, 18.4250,
35.0410

■ 25.7330, 23.8820,
29.7540

■ 232.6940, 10.4500,
19.8740

■ 16.7610, 17.5110,
18.5590

■ 249.7170, 2.4750,
4.7070

■ 0.0000, 0.0000,
0.0000

■ 116.0430, 35.1130,
40.9770

■ 116.0430, 35.1130,
40.9770

■ 104.9070, 41.6680,
48.8360

■ 126.5920, 28.8330,
33.6410

■ 94.3580, 47.9480,
56.1720

■ 137.7280, 22.2780,
25.7820

■ 83.2220, 54.5030,
64.0310

■ 148.3910, 15.6770,
18.7570

■ 72.5590, 61.1040,
71.0560

■ 159.5270, 9.1220,
10.8980

■ 66.3470, 64.8170,
75.3530


■ 170.0760, 2.8420,
3.5620

■ 181.2120, -3.7130,
-4.2970

■ 192.3480,
-10.2680, -12.1560

■ 202.8970,

-16.5480, -19.4920

 214.0330,
-23.1030, -27.3510

Harmonies

Analogous

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



117.7420, -6.7000, 33.3320



116.0430, 35.1130, 40.9770



112.1150, 60.9730, 34.8690

Triad

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



116.0430, 35.1130, 40.9770



107.4050, 37.1430, -28.8810



97.1090, -90.1820, -17.6220

Complementary

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



116.0430, 35.1130, 40.9770



138.9570, -35.1130, -40.9770

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.



93.4950, -77.2500, -31.7300



116.0430, 35.1130, 40.9770



102.9580, -1.3230, -36.6110

Square

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



116.0430, 35.1130, 40.9770



110.9600, 58.2300, -9.0500



87.3050, -62.5760, -44.3680



96.6650, -97.1990, -6.0870

Rectangle

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



116.0430, 35.1130, 40.9770



111.8470, 67.1190, 22.5990



87.3050, -62.5760, -44.3680



96.2140, -86.2840, -22.1880

Sweetspot

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



116.0430, 35.1130, 40.9770



204.6140, 13.4310, 15.4070



98.9030, -14.4030, 35.2690



101.2880, 8.2970, 9.3290



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



116.0430, 35.1130, 40.9770



135.1080, 54.8240, 63.7200



110.7990, 49.8790, 26.6710



81.3750, 3.4380, 3.7740



56.9340, 55.3740, 64.7660



8.7010, 8.5720, 9.8520

Inverse Universe

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



116.0430, 35.1130, 40.9770



135.1080, 54.8240, 63.7200



144.2010, -49.8790, -26.6710



81.3750, 3.4380, 3.7740



56.9340, 55.3740, 64.7660



8.7010, 8.5720, 9.8520

Previews

White Background



This preview shows how the YIQ color 116.0430, 35.1130, 40.9770 looks on a white background.

Color Contrast Check

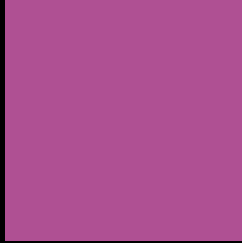
Large Text (above 18pt) WCAG AA ✓ Pass

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 116.0430, 35.1130, 40.9770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

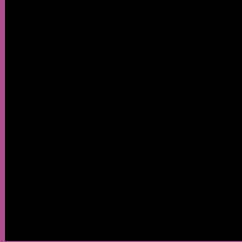
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 116.0430, 35.1130, 40.9770

Background



This preview shows how black text looks on a background with the YIQ color 116.0430, 35.1130, 40.9770.



This preview shows how white text looks on a background with the YIQ color 116.0430, 35.1130,

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

116.0430, 35.1130, 40.9770

Protanopia

114.3440, -29.6670, 14.5330

Deuteranopia

116.3060, -9.3090, 9.0190



Tritanopia

115.4190, 44.8370, 18.9250

Trichromacy



Original Color

116.0430, 35.1130, 40.9770

Protanomaly

114.9450, -6.1940, 24.1580

Deuteranomaly

116.3670, 7.0570, 20.7930

Tritanomaly

115.7210, 41.3510, 27.0390

Monochromacy



Original Color

116.0430, 35.1130, 40.9770

Achromatopsia

116.0000, -0.0000, 0.0000

Achromatomaly

115.9020, 12.5600, 14.6720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 116.0430, 35.1130, 40.9770 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(175, 80, 147)` looks like.

```
.text, #text, p{  
    color:rgb(175, 80, 147)  
}
```

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(175, 80, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 80, 147) }
```

Border

The CSS property to change the border of an element to YIQ 116.0430, 35.1130, 40.9770 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(175, 80, 147) }
```


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

```
.border{ border-color:rgb(175, 80, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 80, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 80, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 80, 147);  
box-shadow:4px 4px 4px 4px rgb(175, 80,  
147) }
```

Background

The CSS property to change the background color of an element to YIQ 116.0430, 35.1130, 40.9770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 80, 147) }
```

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

```
.background{ background-color: rgb(175, 80,  
147) }
```

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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