

Converting Colors

YIQ(135.2040, 18.2420, 32.8500)

Have a look what the booklet for
YIQ(135.2040, 18.2420, 32.8500)
contains.

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Color

**YIQ(135.2040, 18.2420,
32.8500)**

Conversions

Conversions Part 1	
Format	Color
Hex	AD6DAB
RGB	173, 109, 171
RGB Percent	68%, 43%, 67%
CMY	0.3214, 0.5726, 0.3294
CMYK	0.00, 0.37, 0.01, 0.32
HSL	302°, 28%, 55%
HSV	302°, 37%, 68%
XYZ	30.0614, 22.7619, 41.3403
YIQ	135.2040, 18.2420, 32.8500

Conversions

Conversions Part 2

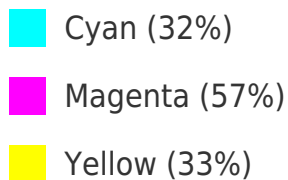
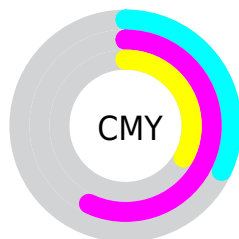
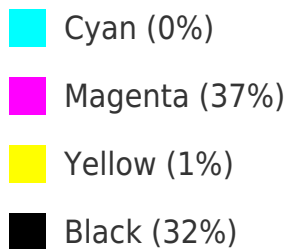
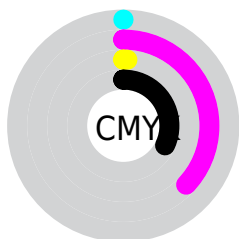
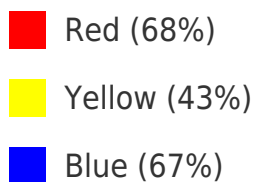
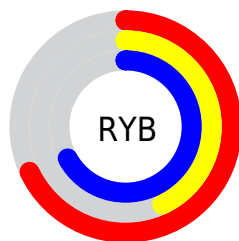
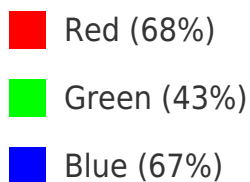
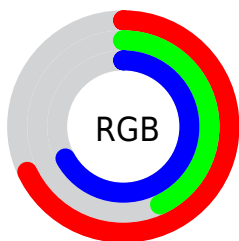
Format	Color
RYB	173, 109, 171
Decimal	11365803
CIELab	54.83, 35.38, -22.71
CIELCh	55, 42.040, 327.306
Yxy	22.7619, 0.3192, 0.2417
Android (android.graphics.Color)	4289555883 (0xFFAD6DAB)
YUV	135.2040, 17.6474, 33.1471
Hunter-Lab	47.7094, 28.9803, -17.9783

Details

The YIQ color **135.2040, 18.2420, 32.8500** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **146.7960, -18.2420, -32.8500**, and the grayscale version is **135.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **189.3290, 19.3880, 34.1080**, and **83.7800, 16.5000, 31.3800** is the 20% darker color. If you saturate the color by 10%, you get **125.1110, 23.2380, 41.4300**, and if you desaturate by 10%, it is **145.2970, 13.2460, 24.2700**.


Distribution




Brightness & Saturation Gradients


These gradients show how the YIQ color 135.2040, 18.2420, 32.8500 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 135.2040, 18.2420, 32.8500 by changing the saturation by 10% instead.


 135.2040, 18.2420,
32.8500


 135.2040, 18.2420,
32.8500


255.0000, -0.0000,
-0.0000


 109.3780, 17.6920,
31.8040


 189.7420, 19.6630,
34.6310


 83.7800, 16.5000,
31.3800


 216.2580, 18.1500,
34.5180


 59.3670, 16.2250,
30.8570

 232.6940, 10.4500,
19.8740

 33.3070, 16.4540,
32.2140

 249.7170, 2.4750,
4.7070

 18.8130, 11.7330,
24.1570

 8.0470, 1.7860,
11.6900

 0.0000, 0.0000,

0.0000

■ 135.2040, 18.2420,
32.8500

■ 135.2040, 18.2420,
32.8500

■ 125.1110, 23.2380,
41.4300

■ 145.2970, 13.2460,
24.2700

■ 114.5450, 28.1880,
50.8440

■ 155.8630, 8.2960,
14.8560

■ 104.4520, 33.1840,
59.4240

■ 165.9560, 3.3000,
6.2760

■ 94.4730, 37.8590,
68.3150


■ 175.9350, -1.3750,
-2.6150

■ 83.7930, 43.1300,
77.4180


■ 186.6150, -6.6460,
-11.7180


■ 73.8140, 47.8050,
86.3090

■ 196.5940,
-11.3210, -20.6090

 70.8790, 49.1800,
88.9240

 206.6870,
-16.3170, -29.1890

 216.6660,
-20.9920, -38.0800

 221.4760,
-23.5130, -41.9530

Harmonies

Analogous

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



132.8170, -20.4530, 23.7630



135.2040, 18.2420, 32.8500



133.3950, 45.3850, 31.0250

Triad

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



135.2040, 18.2420, 32.8500



127.8650, 39.2040, -16.6680



106.0450, -93.2980, -27.2340

Complementary

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



135.2040, 18.2420, 32.8500



146.7960, -18.2420, -32.8500

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.



101.9410, -81.7420, -38.4300



135.2040, 18.2420, 32.8500



124.4700, 12.1550, -27.5650

Square

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



135.2040, 18.2420, 32.8500



130.3160, 54.6520, 0.7320



118.0880, -24.9360, -32.6800



107.0030, -101.5070, -16.1230

Rectangle

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



135.2040, 18.2420, 32.8500



131.7410, 55.7940, 24.0980



118.0880, -24.9360, -32.6800



105.3780, -90.0420, -31.1780

Sweetspot

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



135.2040, 18.2420, 32.8500



209.9120, 6.6000, 12.5520



116.5950, -19.9480, 20.1160



103.7820, 3.8500, 7.3220



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.



135.2040, 18.2420, 32.8500



166.1320, 27.9130, 50.3210



131.6700, 28.1930, 23.2090



81.6030, 2.7960, 4.3960



61.4940, 42.5340, 77.2060



9.3850, 6.6460, 11.7180

Inverse Universe

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



135.2040, 18.2420, 32.8500



166.1320, 27.9130, 50.3210



150.3300, -28.1930, -23.2090



81.6030, 2.7960, 4.3960



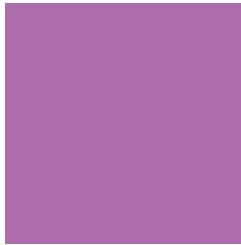
61.4940, 42.5340, 77.2060



9.3850, 6.6460, 11.7180

Previews

White Background



This preview shows how the YIQ color 135.2040, 18.2420, 32.8500 looks on a white background.

Color Contrast Check

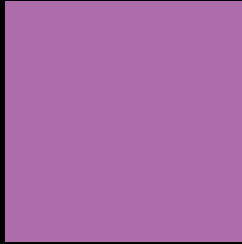
Large Text (above 18pt) WCAG AA ✓ Pass

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 135.2040, 18.2420, 32.8500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

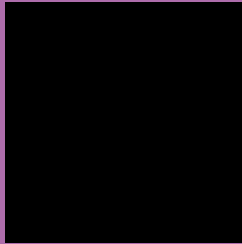
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 135.2040, 18.2420, 32.8500

Background



This preview shows how black text looks on a background with the YIQ color 135.2040, 18.2420, 32.8500.



This preview shows how white text looks on a background with the YIQ color 135.2040, 18.2420,

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

135.2040, 18.2420, 32.8500

Protanopia

131.7140, -27.8330, 14.3350

Deuteranopia

132.4350, -13.9860, 11.1820



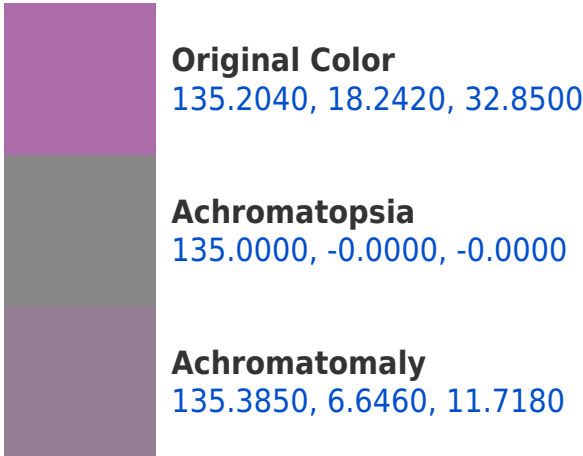
Tritanopia

133.6770, 26.3150, 13.1870

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to YIQ 135.2040, 18.2420, 32.8500 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(173, 109, 171)` looks like.

```
.text, #text, p{  
    color:rgb(173, 109, 171)  
}
```

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(173, 109, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 109, 171) }
```

Border

The CSS property to change the border of an element to YIQ 135.2040, 18.2420, 32.8500 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(173, 109, 171) }
```


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

```
.border{ border-color:rgb(173, 109, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 109, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 109, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 109, 171);  
box-shadow:4px 4px 4px 4px rgb(173, 109,  
171) }
```

Background

The CSS property to change the background color of an element to YIQ 135.2040, 18.2420, 32.8500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 109, 171) }
```

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

```
.background{ background-color: rgb(173,  
109, 171) }
```

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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