

Converting Colors

YIQ(135.1590, 14.1150, 36.0590)

Have a look what the booklet for
YIQ(135.1590, 14.1150, 36.0590)
contains.

YIQ(135.1590, 14.1150, 36.0590)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(135.1590, 14.1150,
36.0590)**

Conversions

Conversions Part 1

Format	Color
Hex	AB6CB5
RGB	171, 108, 181
RGB Percent	67%, 42%, 71%
CMY	0.3292, 0.5766, 0.2902
CMYK	0.05, 0.40, 0.00, 0.29
HSL	292°, 33%, 57%
HSV	292°, 40%, 71%
XYZ	30.5057, 22.7193, 46.4934
YIQ	135.1590, 14.1150, 36.0590

Conversions

Conversions Part 2

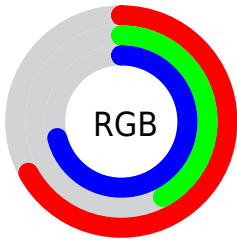
Format	Color
RYB	171, 108, 181
Decimal	11234485
CIELab	54.78, 37.24, -28.57
CIElCh	55, 46.935, 322.507
Yxy	22.7193, 0.3059, 0.2278
Android (android.graphics.Color)	4289424565 (0xFFAB6CB5)
YUV	135.1590, 22.5996, 31.4326
Hunter-Lab	47.6648, 30.8276, -24.4677

Details

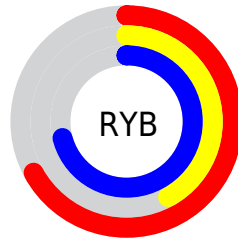
The YIQ color **135.1590, 14.1150, 36.0590** is a light color, and the websafe version is hex **996699**. A complement of this color would be **153.8410, -14.1150, -36.0590**, and the grayscale version is **135.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **189.3980, 14.9400, 37.6280**, and **83.6210, 12.6940, 34.2780** is the 20% darker color. If you saturate the color by 10%, you get **123.9950, 17.8730, 45.0490**, and if you desaturate by 10%, it is **146.6220, 10.9530, 27.2810**.

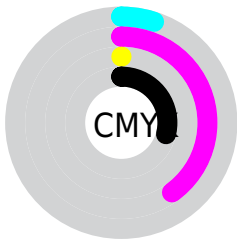
Distribution



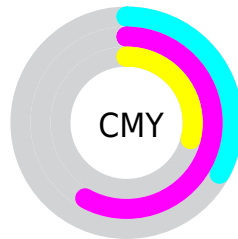
- Red (67%)
- Green (42%)
- Blue (71%)



- Red (67%)
- Yellow (42%)
- Blue (71%)



- Cyan (5%)
- Magenta (40%)
- Yellow (0%)
- Black (29%)



- Cyan (33%)
- Magenta (58%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 135.1590, 14.1150, 36.0590 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 135.1590, 14.1150, 36.0590 by changing the saturation by 10% instead.

135.1590, 14.1150,
36.0590

135.1590, 14.1150,
36.0590

255.0000, -0.0000,
-0.0000

109.3330, 13.5650,
35.0130

189.6970, 15.5360,
37.8400

83.6210, 12.6940,
34.2780

215.6710, 18.4250,
35.0410

58.9090, 11.8230,
33.5430

232.1070, 10.7250,
20.3970

32.7350, 12.3730,
34.5890

249.1300, 2.7500,
5.2300

19.1270, 7.9730,
26.2210

7.9480, -2.2490,
13.2310

0.6840, -1.9260,

1.8660

■ 0.0000, 0.0000,
0.0000

■ 135.1590, 14.1150,
36.0590

■ 135.1590, 14.1150,
36.0590

■ 123.9950, 17.8730,
45.0490

■ 146.6220, 10.9530,
27.2810

■ 112.5320, 21.0350,
53.8270

■ 157.7860, 7.1950,
18.2910

■ 101.3680, 24.7930,
62.8170

■ 168.9500, 3.4370,
9.3010

■ 89.9050, 27.9550,
71.5950

■ 180.4130, 0.2750,
0.5230

■ 78.1540, 31.9880,
81.1080

■ 191.5770, -3.4830,
-8.4670

■ 67.2780, 34.8750,
89.3630

■ 203.6270, -6.9200,
-17.7680

■ 214.7910,
-10.6780, -26.7580

■ 226.2540,
-13.8400, -35.5360

■ 228.0260,
-13.1980, -36.1580

Harmonies

Analogous

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



131.5430, -31.3650, 23.2830



135.1590, 14.1150, 36.0590



132.4540, 46.8970, 36.6650

Triad

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



135.1590, 14.1150, 36.0590



127.4700, 47.6860, -16.2020



106.9910, -93.2060, -28.9020

Complementary

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



135.1590, 14.1150, 36.0590



153.8410, -14.1150, -36.0590

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.



102.2030, -79.7240, -41.9640



135.1590, 14.1150, 36.0590



124.0100, 19.2620, -29.7140

Square

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



135.1590, 14.1150, 36.0590



129.7300, 62.3540, 4.3220



116.9480, -21.7260, -35.7900



108.5190, -103.0200, -16.2360

Rectangle

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



135.1590, 14.1150, 36.0590



131.1700, 59.1400, 29.5400



116.9480, -21.7260, -35.7900



105.3950, -88.7120, -33.2560

Sweetspot

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



135.1590, 14.1150, 36.0590



216.7810, 5.5910, 14.3190



122.7790, -26.4580, 16.9500



107.0100, 3.2080, 7.9440



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



135.1590, 14.1150, 36.0590



163.8850, 21.5390, 55.7070



135.1850, 28.4210, 30.0930



83.4180, 1.8790, 4.4950



56.9100, 29.5590, 75.5670



9.5420, 4.7660, 12.7500

Inverse Universe

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



130.9670, 40.2980, 18.5860



157.4970, 62.5330, 28.6210



153.8150, -28.4210, -30.0930



82.9190, 4.7220, 2.5300



48.1410, 84.4470, 38.9670



8.1160, 14.5330, 6.4450

Previews

White Background



This preview shows how the YIQ color 135.1590, 14.1150, 36.0590 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 135.1590, 14.1150, 36.0590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

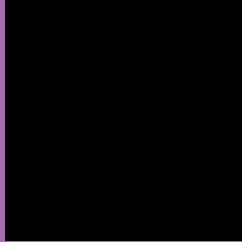
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 135.1590, 14.1150, 36.0590

Background



This preview shows how black text looks on a background with the YIQ color 135.1590, 14.1150, 36.0590.



This preview shows how white text looks on a background with the YIQ color 135.1590, 14.1150,

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

135.1590, 14.1150, 36.0590

Protanopia

130.5870, -34.6650, 17.0070

Deuteranopia

132.0690, -21.6430, 12.2850



Tritanopia

133.4810, 23.9310, 12.3390

Trichromacy



Original Color

135.1590, 14.1150, 36.0590

Protanomaly

132.0840, -16.8310, 24.2010

Deuteranomaly

133.1680, -8.4400, 20.8080

Tritanomaly

134.1960, 20.7200, 20.9760

Monochromacy



Original Color

135.1590, 14.1150, 36.0590

Achromatopsia

135.0000, -0.0000, -0.0000

Achromatomaly

134.9550, 5.0410, 13.2730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 135.1590, 14.1150, 36.0590 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, 108, 181)` looks like.

```
.text, #text, p{  
    color:rgb(171, 108, 181)  
}
```

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, 108, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 108, 181) }
```

Border

The CSS property to change the border of an element to YIQ 135.1590, 14.1150, 36.0590 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, 108, 181) }
```


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

```
.border{ border-color:rgb(171, 108, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 108, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 108, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 108, 181);  
box-shadow:4px 4px 4px 4px rgb(171, 108,  
181) }
```

Background

The CSS property to change the background color of an element to YIQ 135.1590, 14.1150, 36.0590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 108, 181) }
```

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

```
.background{ background-color: rgb(171,  
108, 181) }
```

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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