

Converting Colors

YIQ(134.5560, 11.3190, 31.6630)

Have a look what the booklet for
YIQ(134.5560, 11.3190, 31.6630)
contains.

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Color

**YIQ(134.5560, 11.3190,
31.6630)**

Conversions

Conversions Part 1

Format	Color
Hex	A56FB0
RGB	165, 111, 176
RGB Percent	65%, 44%, 69%
CMY	0.3528, 0.5648, 0.3098
CMYK	0.06, 0.37, 0.00, 0.31
HSL	290°, 29%, 56%
HSV	290°, 37%, 69%
XYZ	29.0443, 22.5025, 43.8862
YIQ	134.5560, 11.3190, 31.6630

Conversions

Conversions Part 2

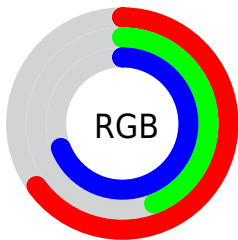
Format	Color
RYB	165, 111, 176
Decimal	10842032
CIELab	54.56, 32.66, -26.09
CIELCh	55, 41.798, 321.381
Yxy	22.5025, 0.3043, 0.2358
Android (android.graphics.Color)	4289032112 (0xFFA56FB0)
YUV	134.5560, 20.4319, 26.6994
Hunter-Lab	47.4367, 26.2768, -21.6465

Details

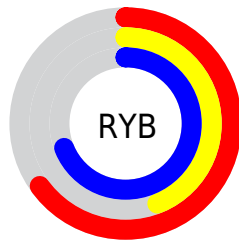
The YIQ color **134.5560, 11.3190, 31.6630** is a light color, and the websafe version is hex **996699**. A complement of this color would be **152.4440, -11.3190, -31.6630**, and the grayscale version is **134.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **188.7950, 12.1440, 33.2320**, and **83.9040, 10.2190, 29.5710** is the 20% darker color. If you saturate the color by 10%, you get **123.0930, 14.4810, 40.4410**, and if you desaturate by 10%, it is **146.0190, 8.1570, 22.8850**.

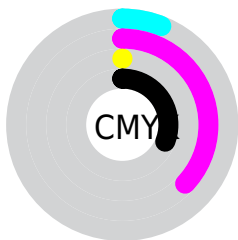
Distribution



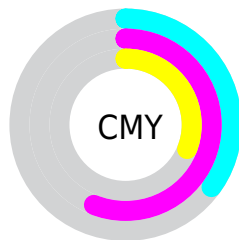
- Red (65%)
- Green (44%)
- Blue (69%)



- Red (65%)
- Yellow (44%)
- Blue (69%)



- Cyan (6%)
- Magenta (37%)
- Yellow (0%)
- Black (31%)



- Cyan (35%)
- Magenta (56%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 134.5560, 11.3190, 31.6630 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 134.5560, 11.3190, 31.6630 by changing the saturation by 10% instead.

134.5560, 11.3190,
31.6630

134.5560, 11.3190,
31.6630

255.0000, -0.0000,
-0.0000

108.7300, 10.7690,
30.6170

188.7950, 12.1440,
33.2320

83.9040, 10.2190,
29.5710

215.9370, 14.6200,
32.4120

59.4910, 9.9440,
29.0480

233.8680, 9.9000,
18.8280

35.1920, 9.3480,
28.8360

250.8910, 1.9250,
3.6610

17.4750, 6.8730,
24.1290

4.8010, -6.3290,
10.0790

0.0000, 0.0000,

0.0000

■ 134.5560, 11.3190,
31.6630

■ 134.5560, 11.3190,
31.6630

■ 123.0930, 14.4810,
40.4410

■ 146.0190, 8.1570,
22.8850

■ 112.2170, 17.3680,
48.6960

■ 156.8950, 5.2700,
14.6300

■ 100.7540, 20.5300,
57.4740

■ 168.3580, 2.1080,
5.8520

■ 89.8780, 23.4170,
65.7290

■ 179.2340, -0.7790,
-2.4030

■ 78.4150, 26.5790,
74.5070

■ 190.6970, -3.9410,
-11.1810

■ 66.9520, 29.7410,
83.2850

■ 202.1600, -7.1030,
-19.9590

63.7180, 30.5200,
85.6880

213.0360, -9.9900,
-28.2140

224.4990,
-13.1520, -36.9920

227.1570,
-12.1890, -37.9250

Harmonies

Analogous

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



130.6310, -28.7970, 20.7950



134.5560, 11.3190, 31.6630



132.9970, 40.7540, 32.3540

Triad

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



134.5560, 11.3190, 31.6630



128.0120, 43.2840, -13.5160



105.2470, -91.0510, -29.4110

Complementary

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



134.5560, 11.3190, 31.6630



152.4440, -11.3190, -31.6630

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.



100.3280, -78.5780, -40.7060



134.5560, 11.3190, 31.6630



124.3460, 18.4360, -25.7560

Square

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



134.5560, 11.3190, 31.6630



129.9080, 55.9810, 4.1810



119.2200, -16.5000, -31.3800



106.3190, -99.5810, -17.9890

Rectangle

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



134.5560, 11.3190, 31.6630



131.3540, 52.6300, 26.3740



119.2200, -16.5000, -31.3800



103.8790, -87.1990, -33.1430

Sweetspot

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



134.5560, 11.3190, 31.6630



213.2430, 4.1700, 12.5380



125.4540, -24.1650, 13.9390



105.2980, 2.3370, 7.2090



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.



134.5560, 11.3190, 31.6630



165.3310, 17.0470, 49.0070



135.4510, 24.6160, 27.4640



83.4180, 1.8790, 4.4950



55.4150, 26.5790, 74.5070



9.2430, 4.1700, 12.5380

Inverse Universe

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



131.6890, 35.2090, 17.2010



161.1370, 54.7390, 26.6990



151.5490, -24.6160, -27.4640



82.9190, 4.7220, 2.5300



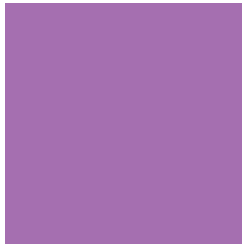
48.7110, 82.8420, 40.5220



8.2300, 14.2120, 6.7560

Previews

White Background



This preview shows how the YIQ color 134.5560, 11.3190, 31.6630 looks on a white background.

Color Contrast Check

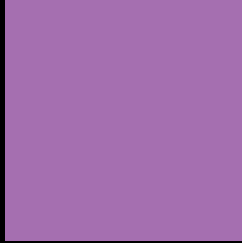
Large Text (above 18pt) WCAG AA ✓ Pass

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 134.5560, 11.3190, 31.6630 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 134.5560, 11.3190, 31.6630

Background



This preview shows how black text looks on a background with the YIQ color 134.5560, 11.3190, 31.6630.



This preview shows how white text looks on a background with the YIQ color 134.5560, 11.3190,

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

134.5560, 11.3190, 31.6630

Protanopia

130.5720, -30.3090, 15.1550

Deuteranopia

131.6240, -18.8920, 11.9880



Tritanopia

133.3880, 19.7590, 10.8550

Trichromacy



Original Color

134.5560, 11.3190, 31.6630

Protanomaly

131.8730, -14.8590, 21.5010

Deuteranomaly

132.4130, -7.7520, 19.3520

Tritanomaly

133.5760, 16.5940, 18.6580

Monochromacy



Original Color

134.5560, 11.3190, 31.6630

Achromatopsia

135.0000, -0.0000, -0.0000

Achromatomaly

134.7160, 4.2160, 11.7040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 134.5560, 11.3190, 31.6630 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(165, 111, 176)` looks like.

```
.text, #text, p{  
    color:rgb(165, 111, 176)  
}
```

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(165, 111, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 111, 176) }
```

Border

The CSS property to change the border of an element to YIQ 134.5560, 11.3190, 31.6630 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(165, 111, 176) }
```


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

```
.border{ border-color:rgb(165, 111, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 111, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 111, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 111, 176);  
box-shadow:4px 4px 4px 4px rgb(165, 111,  
176) }
```

Background

The CSS property to change the background color of an element to YIQ 134.5560, 11.3190, 31.6630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 111, 176) }
```

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

```
.background{ background-color: rgb(165,  
111, 176) }
```

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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