

Converting Colors

YIQ(134.2080, 4.3920, 52.5840)

Have a look what the booklet for
YIQ(134.2080, 4.3920, 52.5840)
contains.

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Color

**YIQ(134.2080, 4.3920,
52.5840)**

Conversions

Conversions Part 1

Format	Color
Hex	AB63DB
RGB	171, 99, 219
RGB Percent	67%, 39%, 86%
CMY	0.3292, 0.6119, 0.1412
CMYK	0.22, 0.55, 0.00, 0.14
HSL	276°, 62%, 62%
HSV	276°, 55%, 86%
XYZ	34.0509, 22.6964, 69.5907
YIQ	134.2080, 4.3920, 52.5840

Conversions

Conversions Part 2

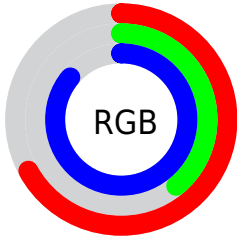
Format	Color
R_{YB}	171, 99, 219
Decimal	11232219
CIE _{Lab}	54.76, 50.12, -50.28
CIE _{LCh}	55, 70.994, 314.909
Yxy	22.6964, 0.2695, 0.1796
Android (android.graphics.Color)	4289422299 (0xFFAB63DB)
YUV	134.2080, 41.8025, 32.2666
Hunter-Lab	47.6408, 44.2102, -53.2586

Details

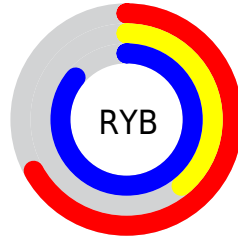
The YIQ color $134.2080, 4.3920, 52.5840$ is a light color, and the websafe version is hex $9966CC$. A complement of this color would be $183.7920, -4.3920, -52.5840$, and the grayscale version is $134.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $186.7650, 12.8290, 48.3570$, and $80.5560, 3.2920, 50.4920$ is the 20% darker color. If you saturate the color by 10%, you get $118.6030, 5.0780, 62.1820$, and if you desaturate by 10%, it is $149.8130, 3.7060, 42.9860$.

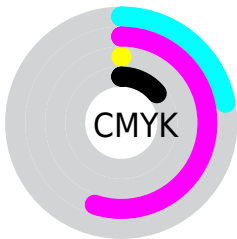
Distribution



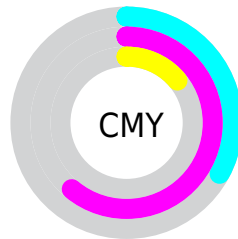
- Red (67%)
- Green (39%)
- Blue (86%)



- Red (67%)
- Yellow (39%)
- Blue (86%)



- Cyan (22%)
- Magenta (55%)
- Yellow (0%)
- Black (14%)



- Cyan (33%)
- Magenta (61%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 134.2080, 4.3920, 52.5840 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 134.2080, 4.3920, 52.5840 by changing the saturation by 10% instead.

134.2080, 4.3920,
52.5840

134.2080, 4.3920,
52.5840

255.0000, -0.0000,
-0.0000

107.3820, 3.8420,
51.5380

186.7650, 12.8290,
48.3570

80.5560, 3.2920,
50.4920

210.9750, 20.6250,
39.2250

52.9690, 3.5670,
51.0150

227.4110, 12.9250,
24.5810

30.7790, 1.0460,
47.1420

244.4340, 4.9500,
9.4140

19.8560, -7.0210,
33.6430

6.9540, -19.5810,
18.9710

6.0930, -13.0230,

10.2490

■ 2.4110, -5.4110,
4.4530

■ 0.0000, 0.0000,
0.0000

■ 134.2080, 4.3920,
52.5840

■ 134.2080, 4.3920,
52.5840

■ 118.6030, 5.0780,
62.1820

■ 149.8130, 3.7060,
42.9860

■ 103.2970, 6.3600,
71.9920

■ 165.4180, 3.0200,
33.3880

■ 87.6920, 7.0460,
81.5900

■ 180.7240, 1.7380,
23.5780

■ 72.0870, 7.7320,
91.1880

■ 196.3290, 1.0520,
13.9800

64.4340, 8.3730,
96.0930

211.3470, 0.6410,
4.9050

226.9520, -0.0450,
-4.6930

242.2580, -1.3270,
-14.5030

246.7100, 3.2120,
-14.1640

249.4010, 8.5760,
-12.2560

Harmonies

Analogous

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



113.0190, -97.2950, 17.6890



134.2080, 4.3920, 52.5840



125.7020, 61.8390, 63.2390

Triad

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



134.2080, 4.3920, 52.5840



123.3960, 76.8930, -22.3950



111.1000, -95.1310, -32.5630

Complementary

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



134.2080, 4.3920, 52.5840



183.7920, -4.3920, -52.5840

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.



102.6300, -74.0370, -51.4210



134.2080, 4.3920, 52.5840



119.8760, 39.5300, -44.6140

Square

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



134.2080, 4.3920, 52.5840



123.1640, 93.6670, 15.0350



107.1320, -20.2090, -57.7850



116.3100, -112.5570, -14.1010

Rectangle

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



134.2080, 4.3920, 52.5840



119.9310, 85.8190, 58.1630



107.1320, -20.2090, -57.7850



108.7060, -88.3900, -39.0940

Sweetspot

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



134.2080, 4.3920, 52.5840



226.1490, 1.7390, 18.0510



140.8560, -51.7200, 12.2160



110.3350, 0.9150, 10.9550



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



134.2080, 4.3920, 52.5840



136.3510, 6.2680, 73.6600



147.1920, 36.8520, 59.0280



102.0480, 0.0450, 4.6930



50.8180, 6.4510, 75.8510



13.6160, 1.9220, 20.2420

Inverse Universe

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



140.3520, 56.1120, 40.3680



144.8700, 78.6210, 56.4530



170.8080, -36.8520, -59.0280



102.7450, 5.2720, 3.5760



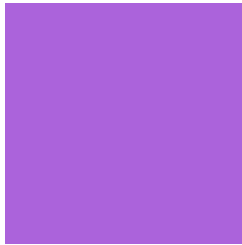
59.5930, 80.9590, 58.1350



15.8060, 21.6380, 15.3500

Previews

White Background



This preview shows how the YIQ color 134.2080, 4.3920, 52.5840 looks on a white background.

Color Contrast Check

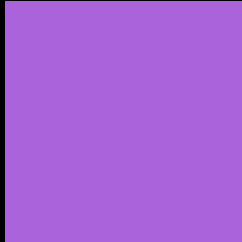
Large Text (above 18pt) WCAG AA ✓ Pass

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 134.2080, 4.3920, 52.5840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

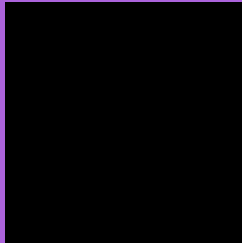
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 134.2080, 4.3920, 52.5840

Background



This preview shows how black text looks on a background with the YIQ color 134.2080, 4.3920, 52.5840.



This preview shows how white text looks on a background with the YIQ color 134.2080, 4.3920,

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

134.2080, 4.3920, 52.5840

Protanopia

122.7400, -74.2800, 24.6000

Deuteranopia

126.1700, -55.4800, 14.2800



Tritanopia

133.4910, 17.9710, 10.2190

Trichromacy



Original Color

134.2080, 4.3920, 52.5840



Protanomaly

127.0920, -45.6720, 34.7760



Deuteranomaly

129.0360, -34.0710, 28.2730



Tritanomaly

133.9380, 12.8790, 25.4150

Monochromacy



Original Color

134.2080, 4.3920, 52.5840



Achromatopsia

134.0000, -0.0000, -0.0000



Achromatomaly

133.7900, 1.3720, 19.1960

CSS Examples

Text

The CSS property to change the color of the text to YIQ 134.2080, 4.3920, 52.5840 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, 99, 219)` looks like.

```
.text, #text, p{  
    color:rgb(171, 99, 219)  
}
```

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, 99, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 99, 219) }
```

Border

The CSS property to change the border of an element to YIQ 134.2080, 4.3920, 52.5840 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, 99, 219) }
```


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

```
.border{ border-color:rgb(171, 99, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 99, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 99, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 99, 219);  
box-shadow:4px 4px 4px 4px rgb(171, 99,  
219) }
```

Background

The CSS property to change the background color of an element to YIQ 134.2080, 4.3920, 52.5840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 99, 219) }
```

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

```
.background{ background-color: rgb(171, 99,  
219) }
```

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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