

Converting Colors

YIQ(159.7280, 5.0830, 34.5470)

Have a look what the booklet for
YIQ(159.7280, 5.0830, 34.5470)
contains.

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Color

**YIQ(159.7280, 5.0830,
34.5470)**

Conversions

Conversions Part 1

Format	Color
Hex	BA88D5
RGB	186, 136, 213
RGB Percent	73%, 53%, 84%
CMY	0.2704, 0.4667, 0.1647
CMYK	0.13, 0.36, 0.00, 0.16
HSL	279°, 48%, 68%
HSV	279°, 36%, 84%
XYZ	41.0702, 32.8505, 67.1202
YIQ	159.7280, 5.0830, 34.5470

Conversions

Conversions Part 2

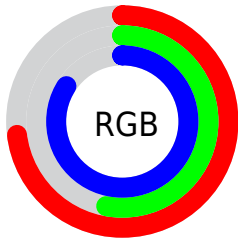
Format	Color
RYB	186, 136, 213
Decimal	12224725
CIELab	64.04, 33.01, -32.21
CIELCh	64, 46.123, 315.697
Yxy	32.8505, 0.2912, 0.2329
Android (android.graphics.Color)	4290414805 (0xFFBA88D5)
YUV	159.7280, 26.2631, 23.0405
Hunter-Lab	57.3153, 27.6052, -29.3120

Details

The YIQ color **159.7280, 5.0830, 34.5470** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **189.2720, -5.0830, -34.5470**, and the grayscale version is **159.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **213.2570, 10.7230, 31.4510**, and **107.3750, 4.5790, 32.6670** is the 20% darker color. If you saturate the color by 10%, you get **145.3080, 6.6860, 44.0460**, and if you desaturate by 10%, it is **174.1480, 3.4800, 25.0480**.

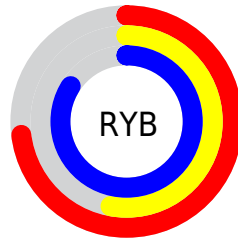
Distribution



Red (73%)

Green (53%)

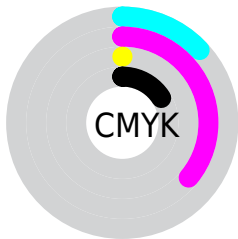
Blue (84%)



Red (73%)

Yellow (53%)

Blue (84%)

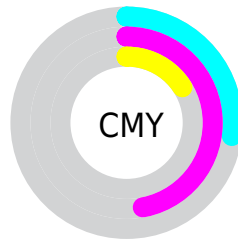


Cyan (13%)

Magenta (36%)

Yellow (0%)

Black (16%)



Cyan (27%)

Magenta (47%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 159.7280, 5.0830, 34.5470 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 159.7280, 5.0830, 34.5470 by changing the saturation by 10% instead.

■ 159.7280, 5.0830,
34.5470

■ 159.7280, 5.0830,
34.5470

255.0000, -0.0000,
-0.0000

■ 132.9020, 4.5330,
33.5010

■ 213.2570, 10.7230,
31.4510

■ 107.3750, 4.5790,
32.6670

■ 233.2810, 10.1750,
19.3510

■ 82.5490, 4.0290,
31.6210

■ 250.3040, 2.2000,
4.1840

■ 58.3100, 3.2040,
30.0520

■ 34.0110, 2.6080,
29.8400

■ 16.4790, 1.0500,
25.0340

■ 4.1040, -11.5560,

11.1960

■ 1.2540, -3.5310,
3.4210

■ 0.0000, 0.0000,
0.0000

■ 159.7280, 5.0830,
34.5470

■ 159.7280, 5.0830,
34.5470

■ 145.3080, 6.6860,
44.0460

■ 174.1480, 3.4800,
25.0480

■ 130.0020, 7.9680,
53.8560

■ 189.4540, 2.1980,
15.2380

■ 115.5820, 9.5710,
63.3550

■ 203.8740, 0.5950,
5.7390

■ 100.8630, 10.5780,
72.6420

■ 218.5930, -0.4120,
-3.5480

85.8560, 12.4560,
82.6640

233.0130, -2.0150,
-13.0470

71.1370, 13.4630,
91.9510

243.0360, -0.8220,
-18.1500

65.5440, 13.8750,
95.4990

245.1290, 3.3500,
-16.6660

247.5210, 8.1180,
-14.9700

249.6140, 12.2900,
-13.4860

Harmonies

Analogous

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



153.5740, -41.8180, 19.9900



159.7280, 5.0830, 34.5470



158.7570, 41.6700, 37.7820

Triad

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



159.7280, 5.0830, 34.5470



153.0410, 53.5080, -11.5800



123.3760, -104.8960, -37.3120

Complementary

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



159.7280, 5.0830, 34.5470



189.2720, -5.0830, -34.5470

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.



130.7440, -65.1900, -41.0460



159.7280, 5.0830, 34.5470



149.7830, 27.3310, -27.2690

Square

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



159.7280, 5.0830, 34.5470



154.7460, 65.4250, 9.2410



143.6350, -10.5390, -34.7870



125.8330, -115.9480, -24.2360

Rectangle

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



159.7280, 5.0830, 34.5470



157.3810, 57.1680, 32.2400



143.6350, -10.5390, -34.7870



121.7800, -100.4020, -41.6660

Sweetspot

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



159.7280, 5.0830, 34.5470



235.5740, 1.7400, 12.5240



160.6270, -32.1420, 9.8260



116.2270, 1.0990, 7.6190



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.



159.7280, 5.0830, 34.5470



179.0680, 7.6020, 49.4740



166.4330, 25.0270, 36.5390



99.3470, 0.6410, 4.9050



52.6830, 11.2650, 76.7130



13.2740, 2.8850, 19.3090

Inverse Universe

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



162.1010, 37.2250, 24.7210



182.3360, 53.0410, 35.4490



182.5670, -25.0270, -36.5390



99.7450, 5.2720, 3.5760



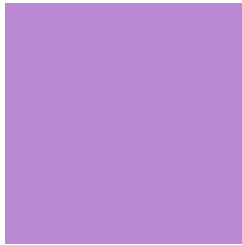
57.9690, 82.6560, 54.9120



14.5670, 20.8130, 13.7810

Previews

White Background



This preview shows how the YIQ color 159.7280, 5.0830, 34.5470 looks on a white background.

Color Contrast Check

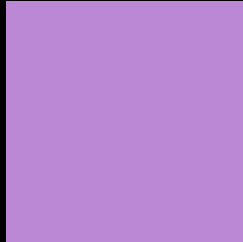
Large Text (above 18pt) WCAG AA × Fail

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 159.7280, 5.0830, 34.5470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

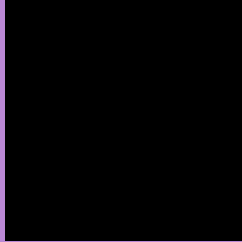
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 159.7280, 5.0830, 34.5470

Background



This preview shows how black text looks on a background with the YIQ color 159.7280, 5.0830, 34.5470.



This preview shows how white text looks on a background with the YIQ color 159.7280, 5.0830,

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

159.7280, 5.0830, 34.5470

Protanopia

154.7440, -36.5450, 18.0390

Deuteranopia

155.6110, -26.0450, 14.9710



Tritanopia

157.6370, 14.6240, 10.3040

Trichromacy



Original Color

159.7280, 5.0830, 34.5470

Protanomaly

156.6320, -21.3700, 23.8620

Deuteranomaly

157.2860, -14.5840, 22.0240

Tritanomaly

158.4660, 11.0920, 19.2520

Monochromacy



Original Color

159.7280, 5.0830, 34.5470

Achromatopsia

160.0000, 0.0000, -0.0000

Achromatomaly

159.5740, 1.7400, 12.5240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 159.7280, 5.0830, 34.5470 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(186, 136, 213)` looks like.

```
.text, #text, p{  
    color:rgb(186, 136, 213)  
}
```

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(186, 136, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 136, 213) }
```

Border

The CSS property to change the border of an element to YIQ 159.7280, 5.0830, 34.5470 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(186, 136, 213) }
```


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

```
.border{ border-color:rgb(186, 136, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 136, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 136, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 136, 213);  
box-shadow:4px 4px 4px 4px rgb(186, 136,  
213) }
```

Background

The CSS property to change the background color of an element to YIQ 159.7280, 5.0830, 34.5470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 136, 213) }
```

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

```
.background{ background-color: rgb(186,  
136, 213) }
```

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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