

Converting Colors

YIQ(155.7730, 9.2100, 31.3380)

Have a look what the booklet for
YIQ(155.7730, 9.2100, 31.3380)
contains.

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Color

**YIQ(155.7730, 9.2100,
31.3380)**

Conversions

Conversions Part 1

Format	Color
Hex	B885C7
RGB	184, 133, 199
RGB Percent	72%, 52%, 78%
CMY	0.2783, 0.4785, 0.2196
CMYK	0.08, 0.33, 0.00, 0.22
HSL	286°, 37%, 65%
HSV	286°, 33%, 78%
XYZ	38.4701, 31.0880, 58.0036
YIQ	155.7730, 9.2100, 31.3380

Conversions

Conversions Part 2

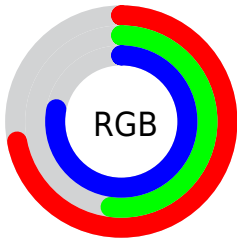
Format	Color
RYB	184, 133, 199
Decimal	12092871
CIELab	62.58, 31.14, -26.64
CIELCh	63, 40.982, 319.450
Yxy	31.0880, 0.3016, 0.2437
Android (android.graphics.Color)	4290282951 (0xFFB885C7)
YUV	155.7730, 21.3109, 24.7551
Hunter-Lab	55.7567, 25.5844, -22.6496

Details

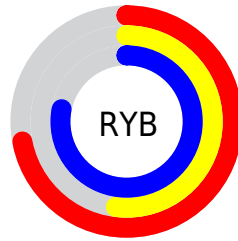
The YIQ color $155.7730, 9.2100, 31.3380$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $176.2270, -9.2100, -31.3380$, and the grayscale version is $156.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $210.8980, 10.3560, 32.5960$, and $103.5340, 8.3850, 29.7690$ is the 20% darker color. If you saturate the color by 10%, you get $142.8370, 12.3260, 40.9500$, and if you desaturate by 10%, it is $169.0080, 6.6900, 21.9380$.

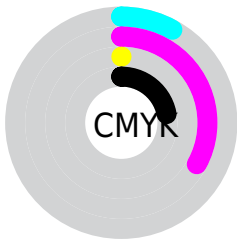
Distribution



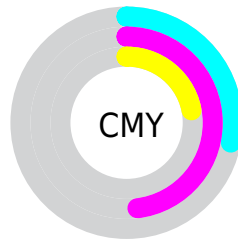
- Red (72%)
- Green (52%)
- Blue (78%)



- Red (72%)
- Yellow (52%)
- Blue (78%)



- Cyan (8%)
- Magenta (33%)
- Yellow (0%)
- Black (22%)



- Cyan (28%)
- Magenta (48%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 155.7730, 9.2100, 31.3380 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 155.7730, 9.2100, 31.3380 by changing the saturation by 10% instead.

155.7730, 9.2100,
31.3380

155.7730, 9.2100,
31.3380

255.0000, -0.0000,
-0.0000

129.3600, 8.9350,
30.8150

210.8980, 10.3560,
32.5960

103.5340, 8.3850,
29.7690

231.5200, 11.0000,
20.9200

78.7080, 7.8350,
28.7230

247.9560, 3.3000,
6.2760

54.8820, 7.2850,
27.6770

30.8820, 7.2850,
27.6770

15.6380, 4.8560,
22.1360

3.5510, -8.6210,

7.5630

■ 0.0000, 0.0000,
0.0000

■ 155.7730, 9.2100,
31.3380

■ 155.7730, 9.2100,
31.3380

■ 142.8370, 12.3260,
40.9500

■ 169.0080, 6.6900,
21.9380

■ 129.6020, 14.8460,
50.3500

■ 181.9440, 3.5740,
12.3260

■ 116.6660, 17.9620,
59.9620

■ 195.1790, 1.0540,
2.9260

■ 103.4310, 20.4820,
69.3620

■ 208.1150, -2.0620,
-6.6860

■ 90.4950, 23.5980,
78.9740

■ 220.7630, -4.3070,
-15.5630

■ 77.8470, 25.8430,
87.8510

■ 233.6990, -7.4230,
-25.1750

■ 68.7320, 27.9050,
94.5370

■ 236.9550, -5.2680,
-25.6840

■ 238.1510, -2.8840,
-24.8360

■ 239.6460, 0.0960,
-23.7760

Harmonies

Analogous

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



151.7340, -30.5850, 20.1590



155.7730, 9.2100, 31.3380



154.8120, 39.8370, 32.4530

Triad

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



155.7730, 9.2100, 31.3380



149.4360, 45.0260, -12.0460



119.6260, -102.6040, -34.7960

Complementary

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



155.7730, 9.2100, 31.3380



176.2270, -9.2100, -31.3380

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.



130.3690, -59.4600, -34.7560



155.7730, 9.2100, 31.3380



146.2430, 20.2240, -25.1200

Square

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



155.7730, 9.2100, 31.3380



151.3320, 57.7230, 5.6510



141.1880, -13.4740, -31.1540



121.5130, -112.0510, -23.2750

Rectangle

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



155.7730, 9.2100, 31.3380



153.7670, 52.9050, 26.8970



141.1880, -13.4740, -31.1540



118.2580, -98.7520, -38.5280

Sweetspot

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



155.7730, 9.2100, 31.3380



238.5310, 3.2990, 11.8030



149.3290, -25.3110, 12.6810



117.4120, 2.0160, 7.5200



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.



155.7730, 9.2100, 31.3380



188.2490, 14.3420, 48.4700



158.2060, 23.9280, 28.9200



93.1190, 1.2830, 4.2830



56.2560, 22.7730, 77.4050



12.4760, 5.1320, 17.1320

Inverse Universe

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



154.4440, 34.5210, 18.6570



186.1200, 53.4090, 28.7770



173.7940, -23.9280, -28.9200



92.9190, 4.7220, 2.5300



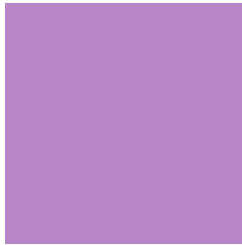
52.9550, 85.2710, 46.0630



11.6760, 18.8880, 10.1200

Previews

White Background



This preview shows how the YIQ color 155.7730, 9.2100, 31.3380 looks on a white background.

Color Contrast Check

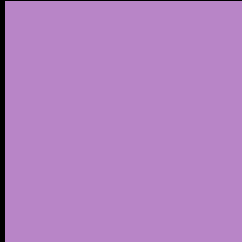
Large Text (above 18pt) WCAG AA × Fail

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 155.7730, 9.2100, 31.3380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

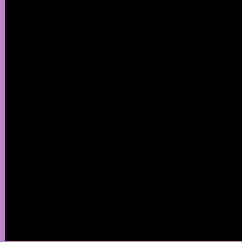
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 155.7730, 9.2100, 31.3380

Background



This preview shows how black text looks on a background with the YIQ color 155.7730, 9.2100, 31.3380.



This preview shows how white text looks on a background with the YIQ color 155.7730, 9.2100,

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

155.7730, 9.2100, 31.3380

Protanopia

151.9850, -30.0340, 15.6780

Deuteranopia

152.5640, -18.6630, 13.3450



Tritanopia

153.7190, 17.3290, 10.8410

Trichromacy



Original Color

155.7730, 9.2100, 31.3380

Protanomaly

153.5740, -15.4550, 21.2890

Deuteranomaly

153.6410, -8.3940, 19.9740

Tritanomaly

154.7930, 14.4850, 18.3330

Monochromacy



Original Color

155.7730, 9.2100, 31.3380

Achromatopsia

156.0000, -0.0000, -0.0000

Achromatomaly

156.1180, 3.0240, 11.2800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 155.7730, 9.2100, 31.3380 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(184, 133, 199)` looks like.

```
.text, #text, p{  
    color:rgb(184, 133, 199)  
}
```

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(184, 133, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 133, 199) }
```

Border

The CSS property to change the border of an element to YIQ 155.7730, 9.2100, 31.3380 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(184, 133, 199) }
```


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

```
.border{ border-color:rgb(184, 133, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 133, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 133, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 133, 199);  
box-shadow:4px 4px 4px 4px rgb(184, 133,  
199) }
```

Background

The CSS property to change the background color of an element to YIQ 155.7730, 9.2100, 31.3380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 133, 199) }
```

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

```
.background{ background-color: rgb(184,  
133, 199) }
```

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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