

Converting Colors

YIQ(156.7270, 24.0190, 32.7790)

Have a look what the booklet for
YIQ(156.7270, 24.0190, 32.7790)
contains.

YIQ(156.7270, 24.0190, 32.7790)	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(156.7270, 24.0190,
32.7790)**

Conversions

Conversions Part 1

Format	Color
Hex	C881BA
RGB	200, 129, 186
RGB Percent	78%, 51%, 73%
CMY	0.2155, 0.4942, 0.2705
CMYK	0.00, 0.36, 0.07, 0.22
HSL	312°, 39%, 65%
HSV	312°, 36%, 78%
XYZ	40.5440, 31.5250, 50.4097
YIQ	156.7270, 24.0190, 32.7790

Conversions

Conversions Part 2

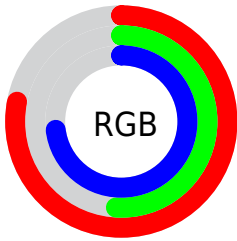
Format	Color
R _Y B	200, 129, 186
Decimal	13140410
CIE Lab	62.95, 36.09, -18.60
CIE LCh	63, 40.603, 332.732
Yxy	31.5250, 0.3310, 0.2574
Android (android.graphics.Color)	4291330490 (0xFFC881BA)
YUV	156.7270, 14.4316, 37.9504
Hunter-Lab	56.1471, 30.6380, -13.9285

Details

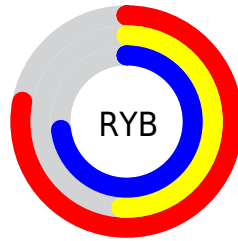
The YIQ color **156.7270, 24.0190, 32.7790** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **172.2730, -24.0190, -32.7790**, and the grayscale version is **157.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **211.2540, 23.9730, 33.6130**, and **104.3030, 22.2770, 31.3090** is the 20% darker color. If you saturate the color by 10%, you get **144.5310, 30.8030, 41.9950**, and if you desaturate by 10%, it is **168.9230, 17.2350, 23.5630**.

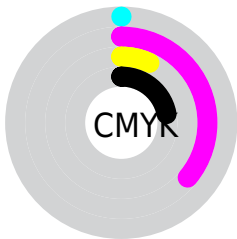
Distribution



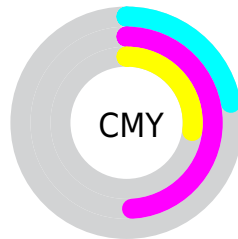
- Red (78%)
- Green (51%)
- Blue (73%)



- Red (78%)
- Yellow (51%)
- Blue (73%)



- Cyan (0%)
- Magenta (36%)
- Yellow (7%)
- Black (22%)



- Cyan (22%)
- Magenta (49%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 156.7270, 24.0190, 32.7790 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 156.7270, 24.0190, 32.7790 by changing the saturation by 10% instead.

156.7270, 24.0190,
32.7790

156.7270, 24.0190,
32.7790

255.0000, -0.0000,
-0.0000

130.0150, 23.1480,
32.0440

211.2540, 23.9730,
33.6130

104.3030, 22.2770,
31.3090

229.1720, 12.1000,
23.0120

78.5910, 21.4060,
30.5740

246.1950, 4.1250,
7.8450

53.9930, 20.2140,
30.1500

27.4600, 20.3970,
32.3410

17.7870, 14.6220,
21.3580

3.8030, -0.6430,

6.1490

■ 0.0000, 0.0000,
0.0000

■ 156.7270, 24.0190,
32.7790

■ 156.7270, 24.0190,
32.7790

■ 144.5310, 30.8030,
41.9950

■ 168.9230, 17.2350,
23.5630

■ 132.3350, 37.5870,
51.2110

■ 181.1190, 10.4510,
14.3470

■ 120.1390, 44.3710,
60.4270

■ 193.3150, 3.6670,
5.1310

■ 107.9430, 51.1550,
69.6430

■ 205.5110, -3.1170,
-4.0850

■ 95.7470, 57.9390,
78.8590

■ 217.7070, -9.9010,
-13.3010

■ 83.5510, 64.7230,
88.0750

■ 229.9030,
-16.6850, -22.5170

■ 78.1540, 67.5190,
92.4710

■ 233.8810,
-19.6190, -24.4110

■ 234.3370,
-20.9030, -23.1670

■ 234.7930,
-22.1870, -21.9230

Harmonies

Analogous

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



155.4760, -12.0630, 25.8970



156.7270, 24.0190, 32.7790



155.0810, 49.1450, 28.9610

Triad

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



156.7270, 24.0190, 32.7790



149.0710, 35.6280, -17.9400



121.4500, -107.7400, -29.8200

Complementary

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



156.7270, 24.0190, 32.7790



172.2730, -24.0190, -32.7790

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.



118.3460, -96.1840, -41.0160



156.7270, 24.0190, 32.7790



145.4200, 6.4240, -28.3280

Square

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



156.7270, 24.0190, 32.7790



151.8380, 53.0020, -2.4060



138.6790, -31.0340, -32.2980



121.4790, -114.7110, -19.1190

Rectangle

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



156.7270, 24.0190, 32.7790



153.8180, 56.8950, 20.6630



138.6790, -31.0340, -32.2980



120.7830, -104.4840, -33.7640

Sweetspot

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



156.7270, 24.0190, 32.7790



237.8800, 9.6260, 12.7780



140.9810, -15.0430, 24.8370



117.5650, 5.9590, 7.6470



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.



156.7270, 24.0190, 32.7790



187.9220, 37.3120, 50.6880



152.7370, 35.2540, 21.8940



93.4890, 3.1170, 4.0850



63.6710, 55.0970, 75.2970



14.0700, 12.1470, 16.6510

Inverse Universe

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



156.7270, 24.0190, 32.7790



187.9220, 37.3120, 50.6880



176.2630, -35.2540, -21.8940



93.4890, 3.1170, 4.0850



63.6710, 55.0970, 75.2970



14.0700, 12.1470, 16.6510

Previews

White Background



This preview shows how the YIQ color 156.7270, 24.0190, 32.7790 looks on a white background.

Color Contrast Check

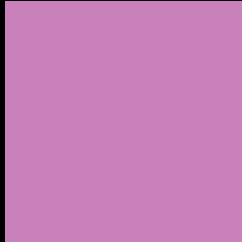
Large Text (above 18pt) WCAG AA × Fail

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 156.7270, 24.0190, 32.7790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

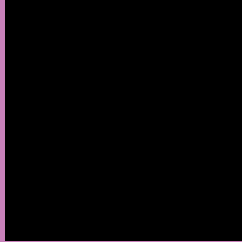
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 156.7270, 24.0190, 32.7790

Background



This preview shows how black text looks on a background with the YIQ color 156.7270, 24.0190, 32.7790.



This preview shows how white text looks on a background with the YIQ color 156.7270, 24.0190,

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

156.7270, 24.0190, 32.7790

Protanopia

153.2260, -23.5230, 13.3170

Deuteranopia

153.9580, -8.2090, 11.1110



Tritanopia

155.4820, 31.3580, 15.4060

Trichromacy



Original Color

156.7270, 24.0190, 32.7790

Protanomaly

154.4240, -6.2850, 20.2990

Deuteranomaly

155.0460, 3.5270, 18.6870

Tritanomaly

155.9150, 28.8810, 21.7530

Monochromacy



Original Color

156.7270, 24.0190, 32.7790

Achromatopsia

157.0000, 0.0000, -0.0000

Achromatomaly

157.1680, 8.7550, 12.0430

CSS Examples

Text

The CSS property to change the color of the text to YIQ 156.7270, 24.0190, 32.7790 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(200, 129, 186)` looks like.

```
.text, #text, p{  
    color:rgb(200, 129, 186)  
}
```

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(200, 129, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 129, 186) }
```

Border

The CSS property to change the border of an element to YIQ 156.7270, 24.0190, 32.7790 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(200, 129, 186) }
```


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

```
.border{ border-color:rgb(200, 129, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 129, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 129, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 129, 186);  
box-shadow:4px 4px 4px 4px rgb(200, 129,  
186) }
```

Background

The CSS property to change the background color of an element to YIQ 156.7270, 24.0190, 32.7790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 129, 186) }
```

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

```
.background{ background-color: rgb(200,  
129, 186) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor