

Converting Colors

YIQ(134.7690, 24.2010, 40.4970)

Have a look what the booklet for
YIQ(134.7690, 24.2010, 40.4970)
contains.

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Color

**YIQ(134.7690, 24.2010,
40.4970)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | B766B1 |
| RGB | 183, 102, 177 |
| RGB Percent | 72%, 40%, 69% |
| CMY | 0.2821, 0.6001, 0.3058 |
| CMYK | 0.00, 0.44, 0.03, 0.28 |
| HSL | 304°, 36%, 56% |
| HSV | 304°, 44%, 72% |
| XYZ | 32.2278, 22.7456, 44.2918 |
| YIQ | 134.7690, 24.2010, 40.4970 |

Conversions

Conversions Part 2

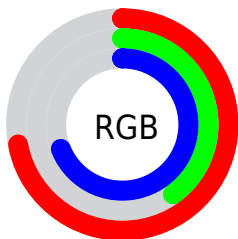
| Format | Color |
|-------------------------------------|--|
| RYB | 183, 102, 177 |
| Decimal | 12019377 |
| CIELab | 54.81, 43.45, -26.10 |
| CIELCh | 55, 50.686, 329.001 |
| Yxy | 22.7456, 0.3247, 0.2291 |
| Android (android.graphics.Color) | 4290209457 (0xFFB766B1) |
| YUV | 134.7690, 20.8199, 42.2986 |
| Hunter-Lab | 47.6923, 37.1587, -21.6779 |

Details

The YIQ color **134.7690, 24.2010, 40.4970** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **150.2310, -24.2010, -40.4970**, and the grayscale version is **135.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **189.3070, 25.6220, 42.2780**, and **82.3450, 22.4590, 39.0270** is the 20% darker color. If you saturate the color by 10%, you get **124.0890, 29.4720, 49.6000**, and if you desaturate by 10%, it is **145.4490, 18.9300, 31.3940**.

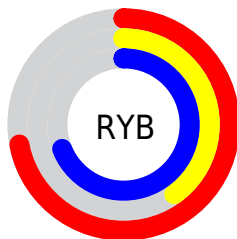
Distribution



Red (72%)

Green (40%)

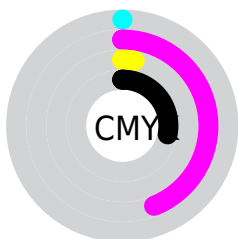
Blue (69%)



Red (72%)

Yellow (40%)

Blue (69%)

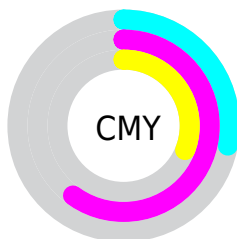


Cyan (0%)

Magenta (44%)

Yellow (3%)

Black (28%)



Cyan (28%)

Magenta (60%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 134.7690, 24.2010, 40.4970 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 134.7690, 24.2010, 40.4970 by changing the saturation by 10% instead.

134.7690, 24.2010,
40.4970

134.7690, 24.2010,
40.4970

255.0000, -0.0000,
-0.0000

108.0570, 23.3300,
39.7620

189.3070, 25.6220,
42.2780

82.3450, 22.4590,
39.0270

212.7360, 19.8000,
37.6560

55.8720, 22.4130,
39.8610

229.1720, 12.1000,
23.0120

31.2740, 21.2210,
39.4370

246.1950, 4.1250,
7.8450

21.4760, 14.3000,
27.1960

11.1940, 5.8660,
14.8420

0.0000, 0.0000,

0.0000

134.7690, 24.2010,
40.4970

134.7690, 24.2010,
40.4970

124.0890, 29.4720,
49.6000

145.4490, 18.9300,
31.3940

112.7080, 35.3390,
58.9150

156.8300, 13.0630,
22.0790

102.0280, 40.6100,
68.0180

167.5100, 7.7920,
12.9760

91.3480, 45.8810,
77.1210

178.1900, 2.5210,
3.8730

79.9670, 51.7480,
86.4360

189.5710, -3.3460,
-5.4420

73.9830, 54.8190,
91.3550

200.2510, -8.6170,
-14.5450

■ 211.0450,
-14.2090, -23.3370

■ 221.7250,
-19.4800, -32.4400

■ 225.9480,
-21.7260, -35.7900

Harmonies

Analogous

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



133.0220, -22.2880, 29.4880



134.7690, 24.2010, 40.4970



131.1840, 56.5250, 38.3890

Triad

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



134.7690, 24.2010, 40.4970



125.9980, 45.8990, -22.3650



108.8320, -97.0120, -26.0040

Complementary

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



134.7690, 24.2010, 40.4970



150.2310, -24.2010, -40.4970

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.



103.8160, -82.8880, -39.6880



134.7690, 24.2010, 40.4970



121.8410, 12.2480, -34.7600

Square

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



134.7690, 24.2010, 40.4970



128.9380, 64.4640, -0.8800



111.9890, -38.1390, -41.2030



109.7730, -106.5510, -12.8150

Rectangle

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



134.7690, 24.2010, 40.4970



129.9490, 67.0720, 28.9600



111.9890, -38.1390, -41.2030



107.2360, -92.5180, -30.3580

Sweetspot

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



134.7690, 24.2010, 40.4970



218.5750, 9.1670, 15.5910



112.7290, -23.0210, 26.2510



108.6190, 5.8670, 9.3150



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



134.7690, 24.2010, 40.4970



162.0120, 37.5390, 63.0990



130.2090, 37.0410, 28.0570



86.6030, 2.7960, 4.3960



63.0600, 46.7520, 77.8560



11.3360, 8.3420, 14.0220

Inverse Universe

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



134.7690, 24.2010, 40.4970



162.0120, 37.5390, 63.0990



154.7910, -37.0410, -28.0570



86.6030, 2.7960, 4.3960



63.0600, 46.7520, 77.8560



11.3360, 8.3420, 14.0220

Previews

White Background



This preview shows how the YIQ color 134.7690, 24.2010, 40.4970 looks on a white background.

Color Contrast Check

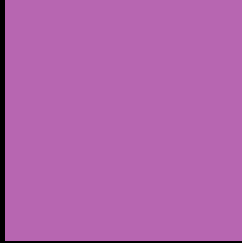
Large Text (above 18pt) WCAG AA ✓ Pass

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 134.7690, 24.2010, 40.4970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

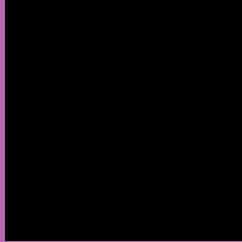
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 134.7690, 24.2010, 40.4970

Background



This preview shows how black text looks on a background with the YIQ color 134.7690, 24.2010, 40.4970.



This preview shows how white text looks on a background with the YIQ color 134.7690, 24.2010,

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

134.7690, 24.2010, 40.4970

Protanopia

130.4020, -35.5820, 17.1060

Deuteranopia

131.8090, -17.9750, 11.8890



Tritanopia

133.5640, 34.0630, 15.9430

Trichromacy



Original Color

134.7690, 24.2010, 40.4970

Protanomaly

131.9920, -13.5760, 25.7840

Deuteranomaly

132.7450, -2.7550, 22.4050

Tritanomaly

134.3930, 30.5310, 24.8910

Monochromacy



Original Color

134.7690, 24.2010, 40.4970

Achromatopsia

135.0000, -0.0000, -0.0000

Achromatomaly

134.7490, 8.6170, 14.5450

CSS Examples

Text

The CSS property to change the color of the text to YIQ 134.7690, 24.2010, 40.4970 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(183, 102, 177)` looks like.

```
.text, #text, p{  
    color:rgb(183, 102, 177)  
}
```

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(183, 102, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 102, 177) }
```

Border

The CSS property to change the border of an element to YIQ 134.7690, 24.2010, 40.4970 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(183, 102, 177) }
```


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

```
.border{ border-color:rgb(183, 102, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 102, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 102, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 102, 177);  
box-shadow:4px 4px 4px 4px rgb(183, 102,  
177) }
```

Background

The CSS property to change the background color of an element to YIQ 134.7690, 24.2010, 40.4970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 102, 177) }
```

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

```
.background{ background-color: rgb(183,  
102, 177) }
```

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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