

Converting Colors

YIQ(181.8670, -14.7220,
24.5260)

Have a look what the booklet for
YIQ(181.8670, -14.7220, 24.5260)
contains.

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Color

**YIQ(181.8670, -14.7220,
24.5260)**

Conversions

Conversions Part 1

Format	Color
Hex	B7AAF0
RGB	183, 170, 240
RGB Percent	72%, 67%, 94%
CMY	0.2823, 0.3333, 0.0589
CMYK	0.24, 0.29, 0.00, 0.06
HSL	251°, 70%, 80%
HSV	251°, 29%, 94%
XYZ	49.6306, 45.1066, 88.5063
YIQ	181.8670, -14.7220, 24.5260

Conversions

Conversions Part 2

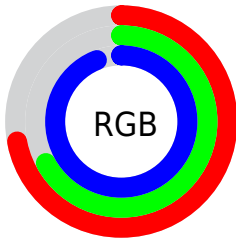
Format	Color
R _Y B	183, 170, 240
Decimal	12036848
CIE Lab	72.96, 19.17, -33.27
CIE LCh	73, 38.400, 299.955
Yxy	45.1066, 0.2708, 0.2462
Android (android.graphics.Color)	4290226928 (0xFFB7AAF0)
YUV	181.8670, 28.6596, 0.9936
Hunter-Lab	67.1615, 14.3743, -31.1202

Details

The YIQ color $181.8670, -14.7220, 24.5260$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $228.1330, 14.7220, -24.5260$, and the grayscale version is $182.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $232.9050, -0.6900, 12.5100$, and $128.8130, -14.6300, 22.8580$ is the 20% darker color. If you saturate the color by 10%, you get $161.7990, -20.0420, 32.8380$, and if you desaturate by 10%, it is $201.9350, -9.4020, 16.2140$.

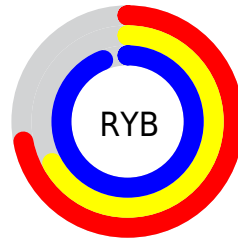
Distribution



Red (72%)

Green (67%)

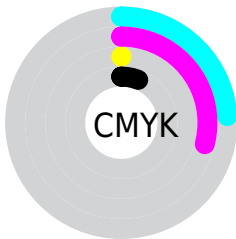
Blue (94%)



Red (72%)

Yellow (67%)

Blue (94%)

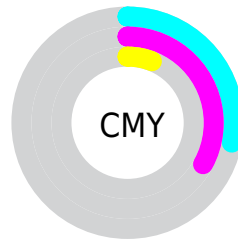


Cyan (24%)

Magenta (29%)

Yellow (0%)

Black (6%)



Cyan (28%)

Magenta (33%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 181.8670, -14.7220, 24.5260 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 181.8670, -14.7220, 24.5260 by changing the saturation by 10% instead.

■ 181.8670,
-14.7220, 24.5260

■ 181.8670,
-14.7220, 24.5260

■ 255.0000, -0.0000,
-0.0000

■ 154.6390,
-14.0800, 23.9040

■ 232.9050, -0.6900,
12.5100

■ 128.8130,
-14.6300, 22.8580

■ 254.4130, 0.2750,
0.5230

■ 103.2860,
-14.5840, 22.0240

■ 78.3460, -14.8130,
20.6670

■ 55.1070, -15.6380,
19.0980

■ 32.1560, -17.3340,
16.7940

■ 7.6830, -17.3800,

17.6280

■ 5.1640, -11.7850,
9.8390

■ 1.0260, -2.8890,
2.7990

■ 181.8670,
-14.7220, 24.5260

■ 181.8670,
-14.7220, 24.5260

■ 161.7990,
-20.0420, 32.8380

■ 201.9350, -9.4020,
16.2140

■ 142.0300,
-24.7660, 41.3620

■ 221.7040, -4.6780,
7.6900

■ 121.9620,
-30.0860, 49.6740

■ 241.7720, 0.6420,
-0.6220

■ 102.1930,
-34.8100, 58.1980

■ 253.2900, 4.8150,
-4.6650

■ 82.1250, -40.1300,
66.5100

■ 62.3560, -44.8540,
75.0340

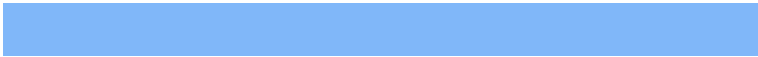
■ 42.2880, -50.1740,
83.3460

■ 40.8150, -50.2200,
84.1800

Harmonies

Analogous

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



174.0790, -53.9660, 8.8660



181.8670, -14.7220, 24.5260



183.9330, 20.4430, 31.5070

Triad

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



181.8670, -14.7220, 24.5260



179.4900, 54.1020, -0.3140



159.5410, -65.6960, -31.8720

Complementary

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



181.8670, -14.7220, 24.5260



228.1330, 14.7220, -24.5260

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.



167.8430, -25.6240, -31.2240



181.8670, -14.7220, 24.5260



176.6090, 37.0490, -16.1590

Square

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



181.8670, -14.7220, 24.5260



181.1830, 57.1250, 16.4930



172.7410, 9.9540, -26.2220



150.0870, -102.2840, -29.5800

Rectangle

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



181.8670, -14.7220, 24.5260



183.4590, 39.3330, 30.5730



172.7410, 9.9540, -26.2220



162.3700, -52.0330, -31.6890

Sweetspot

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



181.8670, -14.7220, 24.5260



235.8180, -4.9990, 8.0010



211.4390, -38.1450, -8.0410



115.6070, -3.0270, 5.3010



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.



181.8670, -14.7220, 24.5260



180.9300, -19.0330, 31.0710



192.3320, 6.1380, 31.9460



109.9660, -2.6600, 4.1560



31.1420, -38.8000, 64.4320



9.3740, -12.0160, 19.5360

Inverse Universe

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



197.4280, 23.4230, 32.5670



200.8190, 29.9320, 41.2600



217.6680, -6.1380, -31.9460



112.7280, 3.9420, 5.6540



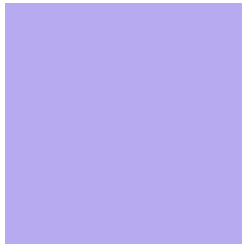
72.0020, 61.8350, 85.3470



21.9880, 18.6100, 26.1780

Previews

White Background



This preview shows how the YIQ color 181.8670, -14.7220, 24.5260 looks on a white background.

Color Contrast Check

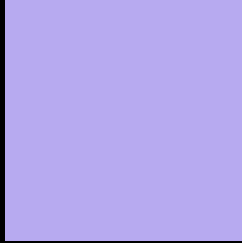
Large Text (above 18pt) WCAG AA × Fail

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 181.8670, -14.7220, 24.5260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

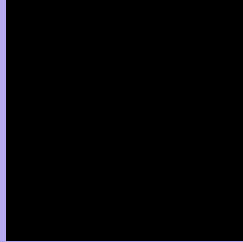
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 181.8670, -14.7220, 24.5260

Background



This preview shows how black text looks on a background with the YIQ color 181.8670, -14.7220, 24.5260.



This preview shows how white text looks on a background with the YIQ color 181.8670, -14.7220, 24.5260.

24.5260.

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

181.8670, -14.7220, 24.5260

Protanopia

179.3700, -32.5560, 17.3320

Deuteranopia

179.2950, -27.9710, 16.8370



Tritanopia

179.1010, -7.4740, 3.2940

Trichromacy



Original Color

181.8670, -14.7220, 24.5260

Protanomaly

180.0720, -25.7250, 20.1870

Deuteranomaly

180.2140, -23.2490, 19.3670

Tritanomaly

180.1750, -10.3180, 10.7860

Monochromacy



Original Color

181.8670, -14.7220, 24.5260

Achromatopsia

182.0000, -0.0000, -0.0000

Achromatomaly

182.0460, -5.6410, 8.6230

CSS Examples

Text

The CSS property to change the color of the text to YIQ 181.8670, -14.7220, 24.5260 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, 170, 240)` looks like.

```
.text, #text, p{  
    color:rgb(183, 170, 240)  
}
```

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, 170, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 170, 240) }
```

Border

The CSS property to change the border of an element to YIQ 181.8670, -14.7220, 24.5260 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, 170, 240) }
```


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

```
.border{ border-color:rgb(183, 170, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 170, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 170, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 170, 240);  
box-shadow:4px 4px 4px 4px rgb(183, 170,  
240) }
```

Background

The CSS property to change the background color of an element to YIQ 181.8670, -14.7220, 24.5260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 170, 240) }
```

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

```
.background{ background-color: rgb(183,  
170, 240) }
```

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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