

Converting Colors

YIQ(124.1400, -2.0690, 32.0030)

Have a look what the booklet for
YIQ(124.1400, -2.0690, 32.0030)
contains.

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Color

**YIQ(124.1400, -2.0690,
32.0030)**

Conversions

Conversions Part 1

Format	Color
Hex	8E68B5
RGB	142, 104, 181
RGB Percent	56%, 41%, 71%
CMY	0.4430, 0.5922, 0.2903
CMYK	0.22, 0.43, 0.00, 0.29
HSL	270°, 34%, 56%
HSV	270°, 43%, 71%
XYZ	24.4488, 18.9868, 46.0830
YIQ	124.1400, -2.0690, 32.0030

Conversions

Conversions Part 2

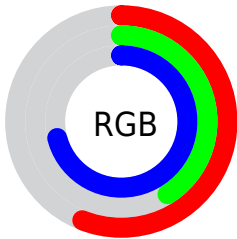
Format	Color
R_{YB}	142, 104, 181
Decimal	9332917
CIE _{Lab}	50.67, 30.61, -35.21
CIE _{LCh}	51, 46.654, 311.002
Yxy	18.9868, 0.2731, 0.2121
Android (android.graphics.Color)	4287522997 (0xFF8E68B5)
YUV	124.1400, 28.0320, 15.6632
Hunter-Lab	43.5739, 23.9000, -32.2023

Details

The YIQ color $124.1400, -2.0690, 32.0030$ is a dark color, and the websafe version is hex $9966CC$. A complement of this color would be $160.8600, 2.0690, -32.0030$, and the grayscale version is $124.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $177.4930, -1.5650, 33.8830$, and $74.3740, -2.8480, 29.6000$ is the 20% darker color. If you saturate the color by 10%, you get $110.8830, -2.4830, 39.5090$, and if you desaturate by 10%, it is $137.3970, -1.6550, 24.4970$.

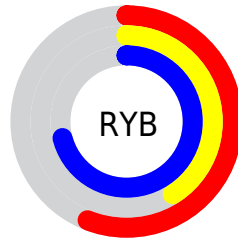
Distribution



Red (56%)

Green (41%)

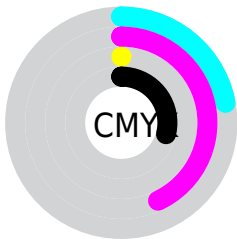
Blue (71%)



Red (56%)

Yellow (41%)

Blue (71%)

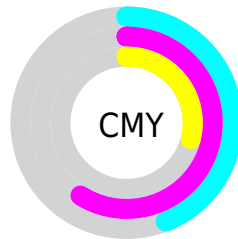


Cyan (22%)

Magenta (43%)

Yellow (0%)

Black (29%)



Cyan (44%)

Magenta (59%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 124.1400, -2.0690, 32.0030 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 124.1400, -2.0690, 32.0030 by changing the saturation by 10% instead.

124.1400, -2.0690,
32.0030

124.1400, -2.0690,
32.0030

255.0000, -0.0000,
-0.0000

98.6130, -2.0230,
31.1690

177.4930, -1.5650,
33.8830

74.3740, -2.8480,
29.6000

204.0650, 2.5160,
31.5080

50.4340, -3.0770,
28.2430

229.1720, 12.1000,
23.0120

26.7220, -3.9480,
27.5080

245.6080, 4.4000,
8.3680

12.5490, -5.1390,
21.5570

4.8220, -10.8220,
8.9060

0.5700, -1.6050,

1.5550

■ 0.0000, 0.0000,
0.0000

■ 124.1400, -2.0690,
32.0030

■ 124.1400, -2.0690,
32.0030

■ 110.8830, -2.4830,
39.5090

■ 137.3970, -1.6550,
24.4970

■ 97.6260, -2.8970,
47.0150

■ 150.6540, -1.2410,
16.9910

■ 84.3690, -3.3110,
54.5210

■ 164.2100, -0.2310,
9.6970

■ 70.8130, -4.3210,
61.8150

■ 177.4670, 0.1830,
2.1910

■ 56.9690, -4.4600,
69.8440

■ 190.7240, 0.5970,
-5.3150

■ 47.2450, -5.0570,
75.1590

■ 204.5680, 0.7360,
-13.3440

■ 217.8250, 1.1500,
-20.8500

■ 231.0820, 1.5640,
-28.3560

■ 237.2950, 5.2780,
-29.5860

Harmonies

Analogous

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



114.9530, -53.3710, 14.6050



124.1400, -2.0690, 32.0030



122.8210, 35.6180, 37.3300

Triad

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



124.1400, -2.0690, 32.0030



117.6220, 53.3700, -9.0780



97.5700, -81.8350, -31.2350

Complementary

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



124.1400, -2.0690, 32.0030



160.8600, 2.0690, -32.0030

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.



91.6080, -67.8030, -43.2510



124.1400, -2.0690, 32.0030



114.8760, 31.5030, -25.7850

Square

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



124.1400, -2.0690, 32.0030



119.0710, 63.1320, 12.2520



109.9840, -4.2120, -33.8120



100.6140, -93.1620, -18.6820

Rectangle

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



124.1400, -2.0690, 32.0030



121.0970, 52.2160, 33.8800



109.9840, -4.2120, -33.8120



95.9740, -77.3410, -35.5890

Sweetspot

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



124.1400, -2.0690, 32.0030



212.0190, -1.0110, 12.8210



136.2580, -35.7170, 3.0270



103.7430, -0.4140, 7.5060



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



124.1400, -2.0690, 32.0030



146.3210, -3.3560, 49.8280



135.5020, 20.5790, 40.0590



82.5210, 0.0910, 3.8590



40.1660, -3.8170, 63.6950



6.8510, -0.5980, 10.8420

Inverse Universe

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



131.4690, 33.3730, 28.4530



157.7200, 52.2600, 44.1000



149.4980, -20.5790, -40.0590



83.2610, 3.7590, 3.4630



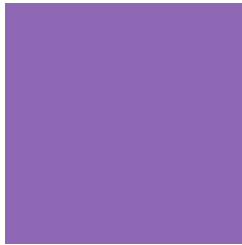
54.5250, 66.4710, 56.3830



9.2560, 11.3230, 9.5550

Previews

White Background



This preview shows how the YIQ color 124.1400, -2.0690, 32.0030 looks on a white background.

Color Contrast Check

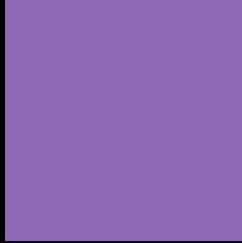
Large Text (above 18pt) WCAG AA ✓ Pass

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 124.1400, -2.0690, 32.0030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

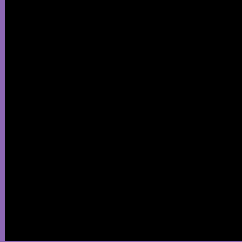
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 124.1400, -2.0690, 32.0030

Background



This preview shows how black text looks on a background with the YIQ color 124.1400, -2.0690, 32.0030.



This preview shows how white text looks on a background with the YIQ color 124.1400, -2.0690,

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

124.1400, -2.0690, 32.0030

Protanopia

118.7760, -39.5710, 17.8130

Deuteranopia

119.4360, -32.9220, 12.9500



Tritanopia

122.1090, 7.2430, 6.4030

Trichromacy



Original Color

124.1400, -2.0690, 32.0030

Protanomaly

120.7670, -26.1840, 23.0000

Deuteranomaly

121.1110, -21.4610, 20.0030

Tritanomaly

122.9380, 3.7110, 15.3510

Monochromacy



Original Color

124.1400, -2.0690, 32.0030

Achromatopsia

124.0000, -0.0000, -0.0000

Achromatomaly

124.3780, -0.6440, 11.6760

CSS Examples

Text

The CSS property to change the color of the text to YIQ 124.1400, -2.0690, 32.0030 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(142, 104, 181)` looks like.

```
.text, #text, p{  
    color:rgb(142, 104, 181)  
}
```

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(142, 104, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 104, 181) }
```

Border

The CSS property to change the border of an element to YIQ 124.1400, -2.0690, 32.0030 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(142, 104, 181) }
```


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

```
.border{ border-color:rgb(142, 104, 181) }
```

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

Here you see how a box with a 4 pixel rgb(142, 104, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 104, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 104, 181);  
box-shadow:4px 4px 4px 4px rgb(142, 104,  
181) }
```

Background

The CSS property to change the background color of an element to YIQ 124.1400, -2.0690, 32.0030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 104, 181) }
```

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

```
.background{ background-color: rgb(142,  
104, 181) }
```

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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