

Converting Colors

YIQ(130.9320, 4.9890, 47.2690)

Have a look what the booklet for
YIQ(130.9320, 4.9890, 47.2690)
contains.

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Color

**YIQ(130.9320, 4.9890,
47.2690)**

Conversions

Conversions Part 1

Format	Color
Hex	A563CE
RGB	165, 99, 206
RGB Percent	65%, 39%, 81%
CMY	0.3527, 0.6119, 0.1922
CMYK	0.20, 0.52, 0.00, 0.19
HSL	277°, 52%, 60%
HSV	277°, 52%, 81%
XYZ	31.1268, 21.3794, 60.8683
YIQ	130.9320, 4.9890, 47.2690

Conversions

Conversions Part 2

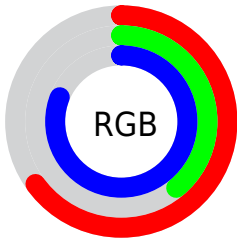
Format	Color
R _Y B	165, 99, 206
Decimal	10838990
CIE Lab	53.36, 45.67, -45.17
CIE LCh	53, 64.230, 315.316
Yxy	21.3794, 0.2745, 0.1886
Android (android.graphics.Color)	4289029070 (0xFFA563CE)
YUV	130.9320, 37.0085, 29.8776
Hunter-Lab	46.2378, 39.2479, -45.6840

Details

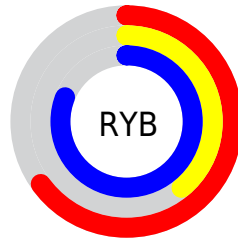
The YIQ color **130.9320, 4.9890, 47.2690** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **174.0680, -4.9890, -47.2690**, and the grayscale version is **131.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **184.6720, 8.6570, 46.8730**, and **78.2800, 3.8890, 45.1770** is the 20% darker color. If you saturate the color by 10%, you get **116.2130, 5.9960, 56.5560**, and if you desaturate by 10%, it is **145.6510, 3.9820, 37.9820**.

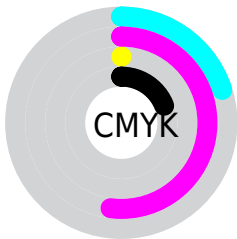
Distribution



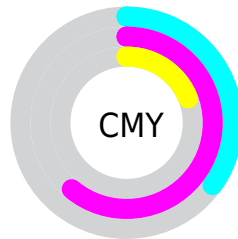
- Red (65%)
- Green (39%)
- Blue (81%)



- Red (65%)
- Yellow (39%)
- Blue (81%)



- Cyan (20%)
- Magenta (52%)
- Yellow (0%)
- Black (19%)



- Cyan (35%)
- Magenta (61%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 130.9320, 4.9890, 47.2690 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 130.9320, 4.9890, 47.2690 by changing the saturation by 10% instead.

■ 130.9320, 4.9890,
47.2690

■ 130.9320, 4.9890,
47.2690

■ 255.0000, -0.0000,
-0.0000

■ 104.1060, 4.4390,
46.2230

■ 184.6720, 8.6570,
46.8730

■ 78.2800, 3.8890,
45.1770

■ 209.1920, 18.5160,
38.9000

■ 52.2800, 3.8890,
45.1770

■ 226.8240, 13.2000,
25.1040

■ 28.3290, 2.1930,
42.8730

■ 243.8470, 5.2250,
9.9370

■ 18.1180, -5.0030,
30.1090

■ 5.8140, -16.3710,
15.8610

■ 4.4800, -9.8590,

7.9730

■ 0.0000, 0.0000,
0.0000

■ 130.9320, 4.9890,
47.2690

■ 130.9320, 4.9890,
47.2690

■ 116.2130, 5.9960,
56.5560

■ 145.6510, 3.9820,
37.9820

■ 102.0810, 6.7280,
65.3200

■ 159.7830, 3.2500,
29.2180

■ 87.3620, 7.7350,
74.6070

■ 174.5020, 2.2430,
19.9310

■ 73.5290, 9.0630,
83.5830

■ 188.6340, 1.5110,
11.1670

■ 61.4570, 9.5660,
90.9900

■ 203.0540, -0.0920,
1.6680

■ 217.7730, -1.0990,
-7.6190

■ 231.9050, -1.8310,
-16.3830

■ 241.3410, -0.3630,
-20.9630

■ 243.7330, 4.4050,
-19.2670

Harmonies

Analogous

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



116.9200, -74.9670, 20.5290



130.9320, 4.9890, 47.2690



124.7240, 55.6050, 55.0690

Triad

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



130.9320, 4.9890, 47.2690



119.8300, 72.6750, -23.0450



107.4810, -91.8300, -31.8140

Complementary

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



130.9320, 4.9890, 47.2690



174.0680, -4.9890, -47.2690

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.



99.6950, -72.6620, -48.8060



130.9320, 4.9890, 47.2690



116.6310, 38.8420, -43.1580

Square

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



130.9320, 4.9890, 47.2690



121.6190, 84.9560, 13.2120



107.4300, -17.8720, -50.5760



111.4200, -107.0550, -14.6950

Rectangle

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



130.9320, 4.9890, 47.2690



120.8710, 76.8800, 49.4560



107.4300, -17.8720, -50.5760



105.3150, -85.7310, -37.7230

Sweetspot

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



130.9320, 4.9890, 47.2690



226.1490, 1.7390, 18.0510



135.2650, -45.6220, 11.8340



110.3350, 0.9150, 10.9550



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.



130.9320, 4.9890, 47.2690



144.3140, 7.6900, 69.9140



141.8230, 33.2770, 52.2290



94.9340, 0.3660, 4.3820



49.4220, 7.5060, 73.2500



11.5080, 2.1060, 16.9060

Inverse Universe

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



135.6670, 50.6110, 35.4350



151.0820, 74.9080, 52.1560



163.1770, -33.2770, -52.2290



95.4460, 4.6760, 3.3640



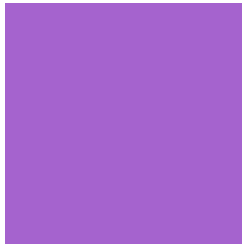
56.8160, 78.7130, 54.7850



13.0720, 17.8330, 12.7210

Previews

White Background



This preview shows how the YIQ color 130.9320, 4.9890, 47.2690 looks on a white background.

Color Contrast Check

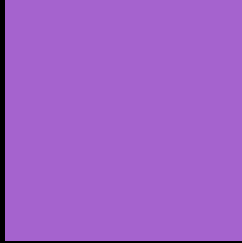
Large Text (above 18pt) WCAG AA ✓ Pass

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 130.9320, 4.9890, 47.2690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

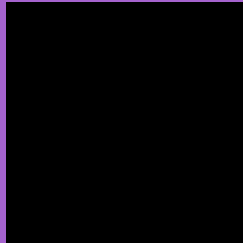
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 130.9320, 4.9890, 47.2690

Background



This preview shows how black text looks on a background with the YIQ color 130.9320, 4.9890, 47.2690.



This preview shows how white text looks on a background with the YIQ color 130.9320, 4.9890,

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

130.9320, 4.9890, 47.2690

Protanopia

122.0310, -62.0380, 23.0020

Deuteranopia

124.5470, -46.3560, 14.1240



Tritanopia

129.3060, 17.0540, 10.3180

Trichromacy



Original Color

130.9320, 4.9890, 47.2690

Protanomaly

125.2900, -37.6020, 31.6940

Deuteranomaly

126.6900, -27.2850, 26.4350

Tritanomaly

129.8840, 12.9710, 23.7470

Monochromacy



Original Color

130.9320, 4.9890, 47.2690

Achromatopsia

131.0000, -0.0000, -0.0000

Achromatomaly

130.6220, 1.7850, 17.2170

CSS Examples

Text

The CSS property to change the color of the text to YIQ 130.9320, 4.9890, 47.2690 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(165, 99, 206)` looks like.

```
.text, #text, p{  
    color:rgb(165, 99, 206)  
}
```

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(165, 99, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 99, 206) }
```

Border

The CSS property to change the border of an element to YIQ 130.9320, 4.9890, 47.2690 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(165, 99, 206) }
```


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

```
.border{ border-color:rgb(165, 99, 206) }
```

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

Here you see how a box with a 4 pixel rgb(165, 99, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 99, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 99, 206);  
box-shadow:4px 4px 4px 4px rgb(165, 99,  
206) }
```

Background

The CSS property to change the background color of an element to YIQ 130.9320, 4.9890, 47.2690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 99, 206) }
```

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

```
.background{ background-color: rgb(165, 99,  
206) }
```

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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