

Converting Colors

YIQ(120.4700, 14.4370, 30.2210)

Have a look what the booklet for
YIQ(120.4700, 14.4370, 30.2210)
contains.

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Color

**YIQ(120.4700, 14.4370,
30.2210)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 99619C |
| RGB | 153, 97, 156 |
| RGB Percent | 60%, 38%, 61% |
| CMY | 0.3998, 0.6197, 0.3882 |
| CMYK | 0.02, 0.38, 0.00, 0.39 |
| HSL | 297°, 23%, 50% |
| HSV | 297°, 38%, 61% |
| XYZ | 23.4186, 17.7220, 33.6402 |
| YIQ | 120.4700, 14.4370, 30.2210 |

Conversions

Conversions Part 2

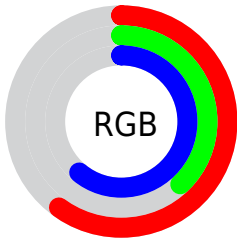
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 153, 97, 156 |
| Decimal | 10051996 |
| CIE _{Lab} | 49.16, 32.61, -22.87 |
| CIE _{LCh} | 49, 39.825, 324.959 |
| Yxy | 17.7220, 0.3132, 0.2370 |
| Android (android.graphics.Color) | 4288242076 (0xFF99619C) |
| YUV | 120.4700, 17.5163, 28.5288 |
| Hunter-Lab | 42.0975, 25.6279, -17.9105 |

Details

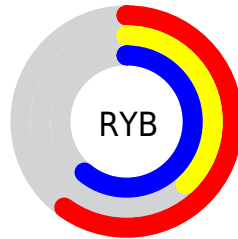
The YIQ color **120.4700, 14.4370, 30.2210** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **132.5300, -14.4370, -30.2210**, and the grayscale version is **120.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **173.7090, 15.2620, 31.7900**, and **70.3450, 13.2910, 28.9630** is the 20% darker color. If you saturate the color by 10%, you get **110.7790, 18.2410, 38.3770**, and if you desaturate by 10%, it is **130.1610, 10.6330, 22.0650**.

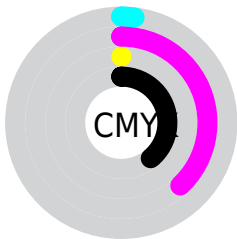
Distribution



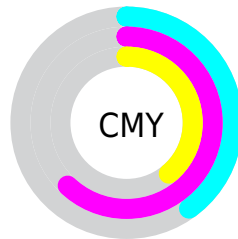
- Red (60%)
- Green (38%)
- Blue (61%)



- Red (60%)
- Yellow (38%)
- Blue (61%)



- Cyan (2%)
- Magenta (38%)
- Yellow (0%)
- Black (39%)



- Cyan (40%)
- Magenta (62%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 120.4700, 14.4370, 30.2210 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 120.4700, 14.4370, 30.2210 by changing the saturation by 10% instead.

120.4700, 14.4370,
30.2210

120.4700, 14.4370,
30.2210

255.0000, -0.0000,
-0.0000

94.7580, 13.5660,
29.4860

173.7090, 15.2620,
31.7900

70.3450, 13.2910,
28.9630

201.4210, 16.1330,
32.5250

46.5190, 12.7410,
27.9170

224.4760, 14.3000,
27.1960

22.0460, 12.6950,
28.7510

241.4990, 6.3250,
12.0290

13.9710, 8.1120,
18.1920

1.1400, -3.2100,
3.1100

0.0000, 0.0000,

0.0000

■ 120.4700, 14.4370,
30.2210

■ 120.4700, 14.4370,
30.2210

■ 110.7790, 18.2410,
38.3770

■ 130.1610, 10.6330,
22.0650

■ 101.6750, 21.7700,
46.0100

■ 139.2650, 7.1040,
14.4320

■ 92.2830, 26.1700,
54.3780

■ 148.6570, 2.7040,
6.0640

■ 83.1790, 29.6990,
62.0110

■ 157.7610, -0.8250,
-1.5690

■ 73.4880, 33.5030,
70.1670

■ 167.4520, -4.6290,
-9.7250

■ 63.7970, 37.3070,
78.3230

■ 177.1430, -8.4330,
-17.8810

62.0360, 38.1320,
79.8920

186.2470,
-11.9620, -25.5140

195.6390,
-16.3620, -33.8820

204.7430,
-19.8910, -41.5150

Harmonies

Analogous

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



117.7520, -21.8280, 21.1480



120.4700, 14.4370, 30.2210



118.4160, 40.8920, 29.8520

Triad

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



120.4700, 14.4370, 30.2210



113.8480, 37.8740, -14.5900



95.0740, -83.0740, -25.2980

Complementary

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



120.4700, 14.4370, 30.2210



132.5300, -14.4370, -30.2210

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.



90.6110, -71.8850, -35.3490



120.4700, 14.4370, 30.2210



110.5350, 13.5300, -24.9500

Square

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



120.4700, 14.4370, 30.2210



115.9890, 51.2590, 1.6510



105.1210, -20.5350, -29.8390



95.8040, -90.6410, -14.8090

Rectangle

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



120.4700, 14.4370, 30.2210



116.9900, 50.6590, 23.5470



105.1210, -20.5350, -29.8390



93.8200, -79.5430, -28.7190

Sweetspot

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



120.4700, 14.4370, 30.2210



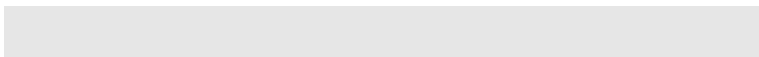
190.7870, 5.4540, 11.2940



106.0740, -20.0390, 16.2570



94.0700, 2.9790, 6.5870



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000

Same Dimension

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



120.4700, 14.4370, 30.2210



148.5010, 22.3200, 47.0560



118.4030, 24.5710, 22.7710



74.3040, 2.2000, 4.1840



56.9660, 35.1530, 73.3050



6.1950, 4.1250, 7.8450

Inverse Universe

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



114.9830, 34.2010, 13.4410



140.0780, 53.2270, 21.0590



134.5970, -24.5710, -22.7710



73.5060, 4.4470, 2.0070



43.5550, 82.9810, 32.4930



4.5990, 8.6190, 3.4910

Previews

White Background



This preview shows how the YIQ color 120.4700, 14.4370, 30.2210 looks on a white 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

Black Background



This preview shows how the YIQ color 120.4700, 14.4370, 30.2210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

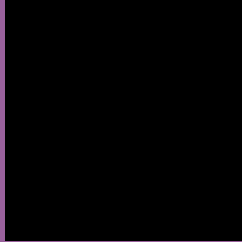
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 120.4700, 14.4370, 30.2210

Background



This preview shows how black text looks on a background with the YIQ color 120.4700, 14.4370, 30.2210.



This preview shows how white text looks on a background with the YIQ color 120.4700, 14.4370,

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

120.4700, 14.4370, 30.2210

Protanopia

116.4860, -27.1910, 13.7130

Deuteranopia

117.8370, -15.1780, 10.7580



Tritanopia

119.1710, 21.8680, 11.1800

Trichromacy



Original Color

120.4700, 14.4370, 30.2210

Protanomaly

117.7870, -11.7410, 20.0590

Deuteranomaly

118.6260, -4.0380, 18.1220

Tritanomaly

119.7180, 19.0700, 17.8380

Monochromacy



Original Color

120.4700, 14.4370, 30.2210

Achromatopsia

120.0000, -0.0000, -0.0000

Achromatomaly

120.3740, 5.1790, 10.7710

CSS Examples

Text

The CSS property to change the color of the text to YIQ 120.4700, 14.4370, 30.2210 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(153, 97, 156)` looks like.

```
.text, #text, p{  
    color:rgb(153, 97, 156)  
}
```

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(153, 97, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 97, 156) }
```

Border

The CSS property to change the border of an element to YIQ 120.4700, 14.4370, 30.2210 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(153, 97, 156) }
```


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

```
.border{ border-color:rgb(153, 97, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 97, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 97, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 97, 156);  
box-shadow:4px 4px 4px 4px rgb(153, 97,  
156) }
```

Background

The CSS property to change the background color of an element to YIQ 120.4700, 14.4370, 30.2210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 97, 156) }
```

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

```
.background{ background-color: rgb(153, 97,  
156) }
```

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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