

Converting Colors

YIQ(112.0620, 7.7390, 52.4990)

Have a look what the booklet for
YIQ(112.0620, 7.7390, 52.4990)
contains.

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Color

**YIQ(112.0620, 7.7390,
52.4990)**

Conversions

Conversions Part 1

Format	Color
Hex	984CC1
RGB	152, 76, 193
RGB Percent	60%, 30%, 76%
CMY	0.4037, 0.7021, 0.2432
CMYK	0.21, 0.61, 0.00, 0.24
HSL	279°, 49%, 53%
HSV	279°, 61%, 76%
XYZ	25.1672, 15.6957, 52.1463
YIQ	112.0620, 7.7390, 52.4990

Conversions

Conversions Part 2

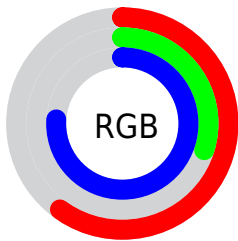
Format	Color
R_{YB}	152, 76, 193
Decimal	9981121
CIE _{Lab}	46.57, 51.36, -48.59
CIE _{LCh}	47, 70.706, 316.587
Yxy	15.6957, 0.2706, 0.1688
Android (android.graphics.Color)	4288171201 (0xFF984CC1)
YUV	112.0620, 39.9024, 35.0256
Hunter-Lab	39.6179, 44.0607, -50.3069

Details

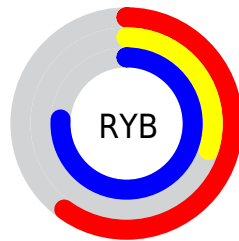
The YIQ color **112.0620, 7.7390, 52.4990** is a dark color, and the websafe version is hex **9966CC**. The color can be described as middle muted purple. A complement of this color would be **156.9380, -7.7390, -52.4990**, and the grayscale version is **112.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **166.7140, 8.8390, 54.5910**, and **57.1760, 7.4180, 52.8100** is the 20% darker color. If you saturate the color by 10%, you get **98.8160, 8.7920, 60.9520**, and if you desaturate by 10%, it is **125.3080, 6.6860, 44.0460**.

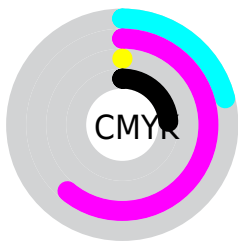
Distribution



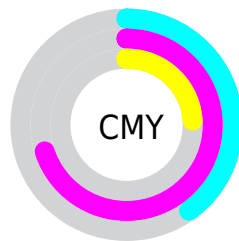
- Red (60%)
- Green (30%)
- Blue (76%)



- Red (60%)
- Yellow (30%)
- Blue (76%)



- Cyan (21%)
- Magenta (61%)
- Yellow (0%)
- Black (24%)



- Cyan (40%)
- Magenta (70%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 112.0620, 7.7390, 52.4990 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 112.0620, 7.7390, 52.4990 by changing the saturation by 10% instead.

■ 112.0620, 7.7390,
52.4990

■ 112.0620, 7.7390,
52.4990

255.0000, -0.0000,
-0.0000

■ 85.2360, 7.1890,
51.4530

■ 166.7140, 8.8390,
54.5910

■ 57.1760, 7.4180,
52.8100

■ 191.8040, 17.0930,
48.1730

■ 33.8120, 5.4470,
49.9830

■ 212.7360, 19.8000,
37.6560

■ 22.7750, -2.2990,
36.1730

■ 229.7590, 11.8250,
22.4890

■ 12.2650, -10.0910,
23.1970

■ 246.7820, 3.8500,
7.3220

■ 6.3210, -13.6650,
10.8710

■ 2.6390, -6.0530,

5.0750

■ 0.0000, 0.0000,
0.0000

■ 112.0620, 7.7390,
52.4990

■ 112.0620, 7.7390,
52.4990

■ 98.8160, 8.7920,
60.9520

■ 125.3080, 6.6860,
44.0460

■ 85.2820, 10.7160,
70.1400

■ 139.1410, 5.3580,
35.0700

■ 72.0360, 11.7690,
78.5930

■ 152.0880, 3.7090,
26.4050

■ 59.6760, 13.1430,
86.7350

■ 165.3340, 2.6560,
17.9520

■ 178.5800, 1.6030,
9.4990

■ 192.4130, 0.2750,
0.5230

■ 205.3600, -1.3740,
-8.1420

■ 218.6060, -2.4270,
-16.5950

■ 232.4390, -3.7550,
-25.5710

Harmonies

Analogous

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



87.9860, -101.6960, 14.8480



112.0620, 7.7390, 52.4990



98.3650, 64.4060, 66.2780

Triad

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



112.0620, 7.7390, 52.4990



104.1700, 66.0260, -18.1820



96.1340, -83.3030, -26.6550

Complementary

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



112.0620, 7.7390, 52.4990



156.9380, -7.7390, -52.4990

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.



87.8920, -62.8510, -44.8910



112.0620, 7.7390, 52.4990



100.3620, 29.5340, -39.6660

Square

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



112.0620, 7.7390, 52.4990



100.3160, 90.1830, 12.0950



77.8310, -35.6590, -64.1310



101.0020, -99.7660, -9.1260

Rectangle

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



112.0620, 7.7390, 52.4990



90.0500, 87.1020, 62.4460



77.8310, -35.6590, -64.1310



93.7400, -76.5620, -33.1860

Sweetspot

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



112.0620, 7.7390, 52.4990



218.8010, 2.8390, 20.1430



113.4050, -48.8320, 14.9440



105.5740, 1.7400, 12.5240



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



112.0620, 7.7390, 52.4990



123.4430, 12.1810, 82.1410



122.2690, 37.9530, 55.5930



90.2330, 0.9620, 4.5940



49.4500, 10.3030, 72.1190



10.3400, 2.5190, 14.9270

Inverse Universe

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



115.6570, 56.5710, 37.5550



129.0130, 88.5240, 58.7000



146.7310, -37.9530, -55.5930



90.4460, 4.6760, 3.3640



54.5230, 77.9800, 51.5480



11.2350, 15.8160, 10.7280

Previews

White Background



This preview shows how the YIQ color 112.0620, 7.7390, 52.4990 looks on a white background.

Color Contrast Check

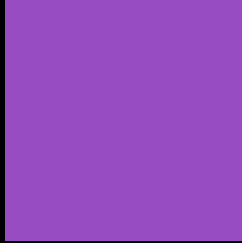
Large Text (above 18pt) WCAG AA ✓ Pass

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 112.0620, 7.7390, 52.4990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

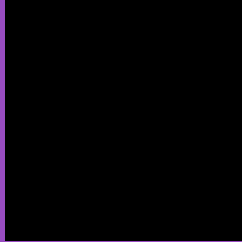
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 112.0620, 7.7390, 52.4990

Background



This preview shows how black text looks on a background with the YIQ color 112.0620, 7.7390, 52.4990.



This preview shows how white text looks on a background with the YIQ color 112.0620, 7.7390,

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

112.0620, 7.7390, 52.4990

Protanopia

95.5210, -87.0250, 18.7910

Deuteranopia

104.2900, -55.9380, 11.5660



Tritanopia

112.5730, 20.6760, 10.7560

Trichromacy



Original Color

112.0620, 7.7390, 52.4990

Protanomaly

101.8630, -52.4570, 31.0870

Deuteranomaly

107.1670, -33.0620, 26.5060

Tritanomaly

112.3190, 16.1800, 26.1640

Monochromacy



Original Color

112.0620, 7.7390, 52.4990

Achromatopsia

112.0000, -0.0000, 0.0000

Achromatomaly

112.1600, 3.2060, 18.9980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 112.0620, 7.7390, 52.4990 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(152, 76, 193)` looks like.

```
.text, #text, p{  
    color:rgb(152, 76, 193)  
}
```

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(152, 76, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 76, 193) }
```

Border

The CSS property to change the border of an element to YIQ 112.0620, 7.7390, 52.4990 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(152, 76, 193) }
```


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

```
.border{ border-color:rgb(152, 76, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 76, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 76, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 76, 193);  
box-shadow:4px 4px 4px 4px rgb(152, 76,  
193) }
```

Background

The CSS property to change the background color of an element to YIQ 112.0620, 7.7390, 52.4990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 76, 193) }
```

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

```
.background{ background-color: rgb(152, 76,  
193) }
```

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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