

Converting Colors

YIQ(152.9900, -2.0670, 20.9490)

Have a look what the booklet for
YIQ(152.9900, -2.0670, 20.9490)
contains.

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Color

**YIQ(152.9900, -2.0670,
20.9490)**

Conversions

Conversions Part 1

Format	Color
Hex	A48CBF
RGB	164, 140, 191
RGB Percent	64%, 55%, 75%
CMY	0.3568, 0.4510, 0.2510
CMYK	0.14, 0.27, 0.00, 0.25
HSL	268°, 28%, 65%
HSV	268°, 27%, 75%
XYZ	34.0938, 30.4092, 53.3558
YIQ	152.9900, -2.0670, 20.9490

Conversions

Conversions Part 2

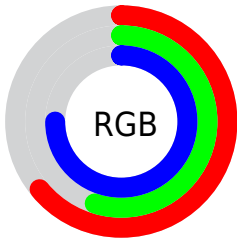
Format	Color
RYB	164, 140, 191
Decimal	10783935
CIELab	62.01, 19.03, -23.19
CIELCh	62, 29.995, 309.379
Yxy	30.4092, 0.2893, 0.2580
Android (android.graphics.Color)	4288974015 (0xFFA48CBF)
YUV	152.9900, 18.7389, 9.6558
Hunter-Lab	55.1446, 13.8567, -18.7656

Details

The YIQ color $152.9900, -2.0670, 20.9490$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $178.0100, 2.0670, -20.9490$, and the grayscale version is $153.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $207.5170, -2.1130, 21.7830$, and $101.9360, -1.9750, 19.2810$ is the 20% darker color. If you saturate the color by 10%, you get $138.8470, -2.8020, 28.7660$, and if you desaturate by 10%, it is $167.1330, -1.3320, 13.1320$.

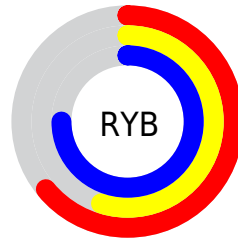
Distribution



Red (64%)

Green (55%)

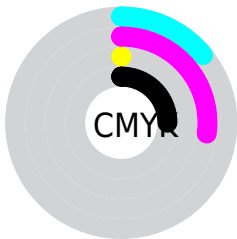
Blue (75%)



Red (64%)

Yellow (55%)

Blue (75%)

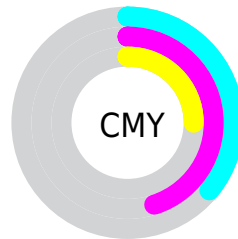


Cyan (14%)

Magenta (27%)

Yellow (0%)

Black (25%)



Cyan (36%)

Magenta (45%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 152.9900, -2.0670, 20.9490 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 152.9900, -2.0670, 20.9490 by changing the saturation by 10% instead.

■ 152.9900, -2.0670,
20.9490

■ 152.9900, -2.0670,
20.9490

■ 255.0000, -0.0000,
-0.0000

■ 126.5770, -2.3420,
20.4260

■ 207.5170, -2.1130,
21.7830

■ 101.9360, -1.9750,
19.2810

■ 233.5360, 4.9030,
15.7750

■ 77.5230, -2.2500,
18.7580

■ 252.0650, 1.3750,
2.6150

■ 54.5830, -2.4790,
17.4010

■ 32.7570, -3.0290,
16.3550

■ 11.0670, -0.9660,
17.5140

■ 2.8670, -6.6950,

5.6970

■ 0.0000, 0.0000,
0.0000

■ 152.9900, -2.0670,
20.9490

■ 152.9900, -2.0670,
20.9490

■ 138.8470, -2.8020,
28.7660

■ 167.1330, -1.3320,
13.1320

■ 124.7040, -3.5370,
36.5830

■ 181.2760, -0.5970,
5.3150

■ 110.5610, -4.2720,
44.4000

■ 195.4190, 0.1380,
-2.5020

■ 96.4180, -5.0070,
52.2170

■ 209.5620, 0.8730,
-10.3190

■ 81.6880, -5.4670,
60.5570

■ 224.0040, 2.2040,
-17.9240

67.2460, -6.7980,
68.1620

238.7340, 2.6640,
-26.2640

53.1030, -7.5330,
75.9790

241.7240, 8.6240,
-24.1440

48.6840, -7.6710,
78.4810

244.7140, 14.5840,
-22.0240

247.7040, 20.5440,
-19.9040

Harmonies

Analogous

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



149.0510, -30.4000, 11.2960



152.9900, -2.0670, 20.9490



153.5600, 22.6910, 23.8030

Triad

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



152.9900, -2.0670, 20.9490



149.8840, 38.1930, -3.8470



134.9110, -54.6940, -22.0060

Complementary

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



152.9900, -2.0670, 20.9490



178.0100, 2.0670, -20.9490

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.



140.1020, -27.5510, -23.8310



152.9900, -2.0670, 20.9490



147.5350, 22.6980, -14.8860

Square

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



152.9900, -2.0670, 20.9490



151.4970, 44.1970, 8.4930



144.2270, -0.0420, -21.2740



133.8850, -69.0000, -16.0400

Rectangle

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



152.9900, -2.0670, 20.9490



153.3240, 34.9790, 21.3710



144.2270, -0.0420, -21.2740



136.4620, -46.1200, -23.2080

Sweetspot

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



152.9900, -2.0670, 20.9490



232.8570, -0.7350, 7.8170



161.6630, -23.7960, 1.7400



115.2760, -0.5970, 5.3150



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.



152.9900, -2.0670, 20.9490



188.0690, -3.3070, 32.4130



160.4650, 12.8330, 26.2490



87.2220, -0.5050, 3.6470



40.4370, -6.0180, 65.0380



7.7200, -1.6070, 12.6090

Inverse Universe

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



158.3270, 21.7290, 19.2090



196.4090, 33.6020, 29.8100



170.5350, -12.8330, -26.2490



88.2610, 3.7590, 3.4630



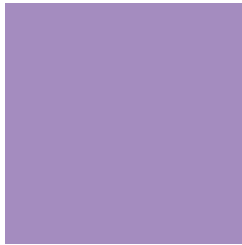
56.8180, 67.2040, 59.6200



11.0930, 13.3400, 11.5480

Previews

White Background



This preview shows how the YIQ color 152.9900, -2.0670, 20.9490 looks on a white background.

Color Contrast Check

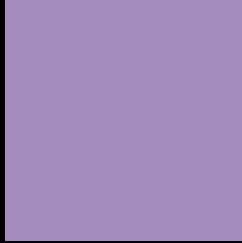
Large Text (above 18pt) WCAG AA × Fail

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 152.9900, -2.0670, 20.9490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

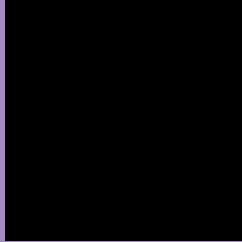
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 152.9900, -2.0670, 20.9490

Background



This preview shows how black text looks on a background with the YIQ color 152.9900, -2.0670, 20.9490.



This preview shows how white text looks on a background with the YIQ color 152.9900, -2.0670,

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

152.9900, -2.0670, 20.9490

Protanopia

150.2970, -22.2850, 12.9070

Deuteranopia

151.0050, -15.5910, 12.7370



Tritanopia

151.2550, 3.8960, 6.4880

Trichromacy



Original Color

152.9900, -2.0670, 20.9490

Protanomaly

151.2980, -14.8580, 15.9740

Deuteranomaly

151.3370, -10.5940, 15.7900

Tritanomaly

152.0470, 1.7860, 11.6900

Monochromacy



Original Color

152.9900, -2.0670, 20.9490

Achromatopsia

153.0000, 0.0000, -0.0000

Achromatomaly

152.8570, -0.7350, 7.8170

CSS Examples

Text

The CSS property to change the color of the text to YIQ 152.9900, -2.0670, 20.9490 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(164, 140, 191)` looks like.

```
.text, #text, p{  
    color:rgb(164, 140, 191)  
}
```

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(164, 140, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 140, 191) }
```

Border

The CSS property to change the border of an element to YIQ 152.9900, -2.0670, 20.9490 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(164, 140, 191) }
```


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

```
.border{ border-color:rgb(164, 140, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 140, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 140, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 140, 191);  
box-shadow:4px 4px 4px 4px rgb(164, 140,  
191) }
```

Background

The CSS property to change the background color of an element to YIQ 152.9900, -2.0670, 20.9490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 140, 191) }
```

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

```
.background{ background-color: rgb(164,  
140, 191) }
```

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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