

Converting Colors

YIQ(152.9090, 2.6550, 23.4790)

Have a look what the booklet for
YIQ(152.9090, 2.6550, 23.4790)
contains.

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Color

**YIQ(152.9090, 2.6550,
23.4790)**

Conversions

Conversions Part 1

Format	Color
Hex	AA89BE
RGB	170, 137, 190
RGB Percent	67%, 54%, 75%
CMY	0.3332, 0.4628, 0.2549
CMYK	0.11, 0.28, 0.00, 0.25
HSL	277°, 29%, 64%
HSV	277°, 28%, 75%
XYZ	34.8208, 30.1540, 52.6958
YIQ	152.9090, 2.6550, 23.4790

Conversions

Conversions Part 2

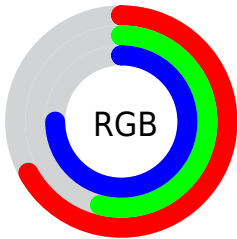
Format	Color
R _Y B	170, 137, 190
Decimal	11176382
CIE Lab	61.79, 22.48, -22.91
CIE LCh	62, 32.098, 314.460
Yxy	30.1540, 0.2959, 0.2563
Android (android.graphics.Color)	4289366462 (0xFFAA89BE)
YUV	152.9090, 18.2859, 14.9888
Hunter-Lab	54.9127, 17.0920, -18.4576

Details

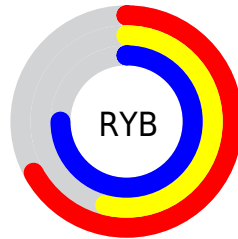
The YIQ color $152.9090, 2.6550, 23.4790$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $174.0910, -2.6550, -23.4790$, and the grayscale version is $153.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $207.7350, 3.2050, 24.5250$, and $101.5560, 2.1510, 21.5990$ is the 20% darker color. If you saturate the color by 10%, you get $139.6630, 3.7080, 31.9320$, and if you desaturate by 10%, it is $166.1550, 1.6020, 15.0260$.

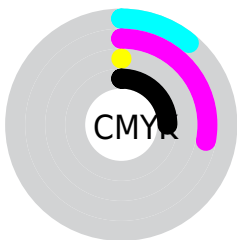
Distribution



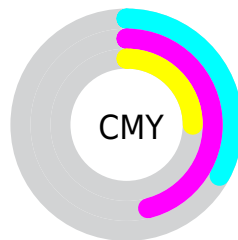
- Red (67%)
- Green (54%)
- Blue (75%)



- Red (67%)
- Yellow (54%)
- Blue (75%)



- Cyan (11%)
- Magenta (28%)
- Yellow (0%)
- Black (25%)



- Cyan (33%)
- Magenta (46%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 152.9090, 2.6550, 23.4790 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 152.9090, 2.6550, 23.4790 by changing the saturation by 10% instead.

152.9090, 2.6550,
23.4790

152.9090, 2.6550,
23.4790

255.0000, -0.0000,
-0.0000

126.4960, 2.3800,
22.9560

207.7350, 3.2050,
24.5250

101.5560, 2.1510,
21.5990

233.8680, 9.9000,
18.8280

77.1430, 1.8760,
21.0760

250.3040, 2.2000,
4.1840

54.2030, 1.6470,
19.7190

31.4910, 0.7760,
18.9840

12.4480, 2.3350,
18.2630

2.7530, -6.3740,

5.3860

■ 0.0000, 0.0000,
0.0000

■ 152.9090, 2.6550,
23.4790

■ 152.9090, 2.6550,
23.4790

■ 139.6630, 3.7080,
31.9320

■ 166.1550, 1.6020,
15.0260

■ 126.4170, 4.7610,
40.3850

■ 179.4010, 0.5490,
6.5730

■ 113.1710, 5.8140,
48.8380

■ 192.6470, -0.5040,
-1.8800

■ 99.6260, 6.2710,
57.0790

■ 206.1920, -0.9610,
-10.1210

■ 86.3800, 7.3240,
65.5320

■ 219.4380, -2.0140,
-18.5740

73.1340, 8.3770,
73.9850

232.6840, -3.0670,
-27.0270

59.8880, 9.4300,
82.4380

237.1250, 0.0050,
-27.6350

56.9420, 9.3380,
84.1060

239.2180, 4.1770,
-26.1510

241.3110, 8.3490,
-24.6670

Harmonies

Analogous

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



148.7140, -27.8330, 14.3350



152.9090, 2.6550, 23.4790



153.1370, 28.3760, 25.4000

Triad

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



152.9090, 2.6550, 23.4790



148.3030, 38.3310, -6.3490



131.1700, -65.7890, -24.6770

Complementary

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



152.9090, 2.6550, 23.4790



174.0910, -2.6550, -23.4790

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.



137.7420, -35.3450, -25.7530



152.9090, 2.6550, 23.4790



146.1710, 20.7270, -17.7130

Square

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



152.9090, 2.6550, 23.4790



150.5250, 46.9940, 7.3620



142.4220, -5.0850, -23.4930



130.2800, -77.4820, -16.5060

Rectangle

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



152.9090, 2.6550, 23.4790



152.1890, 39.7930, 22.2330



142.4220, -5.0850, -23.4930



133.4330, -56.3440, -25.1440

Sweetspot

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



152.9090, 2.6550, 23.4790



233.7540, 1.0530, 8.4530



154.7820, -22.5130, 6.0230



115.8740, 0.5950, 5.7390



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.



152.9090, 2.6550, 23.4790



190.4830, 4.3950, 36.0030



158.2050, 16.5010, 25.8530



87.8200, 0.6870, 4.0710



47.6130, 8.2860, 70.1260



9.2150, 1.3730, 13.6690

Inverse Universe

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



155.1270, 25.1680, 17.4560



193.6390, 38.6460, 26.5020



168.7950, -16.5010, -25.8530



88.0330, 4.4010, 2.8410



54.0820, 74.9080, 52.1560



10.6370, 14.6240, 10.3040

Previews

White Background



This preview shows how the YIQ color 152.9090, 2.6550, 23.4790 looks on a white background.

Color Contrast Check

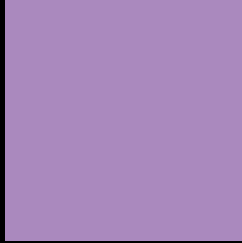
Large Text (above 18pt) WCAG AA × Fail

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 152.9090, 2.6550, 23.4790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

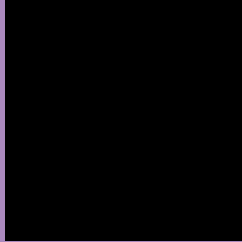
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 152.9090, 2.6550, 23.4790

Background



This preview shows how black text looks on a background with the YIQ color 152.9090, 2.6550, 23.4790.



This preview shows how white text looks on a background with the YIQ color 152.9090, 2.6550,

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

152.9090, 2.6550, 23.4790

Protanopia

150.1120, -23.2020, 13.0060

Deuteranopia

150.7770, -14.9490, 12.1150



Tritanopia

151.5330, 8.9850, 7.8730

Trichromacy



Original Color

152.9090, 2.6550, 23.4790

Protanomaly

151.0100, -13.9870, 16.7090

Deuteranomaly

151.2340, -8.8060, 16.4260

Tritanomaly

151.8520, 6.8290, 13.9090

Monochromacy



Original Color

152.9090, 2.6550, 23.4790

Achromatopsia

153.0000, 0.0000, -0.0000

Achromatomaly

152.7540, 1.0530, 8.4530

CSS Examples

Text

The CSS property to change the color of the text to YIQ 152.9090, 2.6550, 23.4790 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(170, 137, 190)` looks like.

```
.text, #text, p{  
    color:rgb(170, 137, 190)  
}
```

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(170, 137, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 137, 190) }
```

Border

The CSS property to change the border of an element to YIQ 152.9090, 2.6550, 23.4790 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(170, 137, 190) }
```


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

```
.border{ border-color:rgb(170, 137, 190) }
```

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

Here you see how a box with a 4 pixel rgb(170, 137, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 137, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 137, 190);  
box-shadow:4px 4px 4px 4px rgb(170, 137,  
190) }
```

Background

The CSS property to change the background color of an element to YIQ 152.9090, 2.6550, 23.4790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 137, 190) }
```

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

```
.background{ background-color: rgb(170,  
137, 190) }
```

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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