

Converting Colors

YIQ(154.9120, 23.7950, 3.7870)

Have a look what the booklet for
YIQ(154.9120, 23.7950, 3.7870)
contains.

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Color

**YIQ(154.9120, 23.7950,
3.7870)**

Conversions

Conversions Part 1

Format	Color
Hex	B49287
RGB	180, 146, 135
RGB Percent	71%, 57%, 53%
CMY	0.2940, 0.4275, 0.4705
CMYK	0.00, 0.19, 0.25, 0.29
HSL	15°, 23%, 62%
HSV	15°, 25%, 71%
XYZ	33.4785, 32.0089, 27.3452
YIQ	154.9120, 23.7950, 3.7870

Conversions

Conversions Part 2

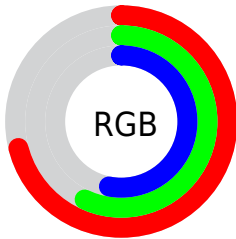
Format	Color
RYB	180, 150, 135
Decimal	11833991
CIELab	63.35, 11.09, 10.63
CIELCh	63, 15.356, 43.791
Yxy	32.0089, 0.3606, 0.3448
Android (android.graphics.Color)	4290024071 (0xFFB49287)
YUV	154.9120, -9.8166, 22.0022
Hunter-Lab	56.5764, 6.6167, 10.9468

Details

The YIQ color **154.9120, 23.7950, 3.7870** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **160.0880, -23.7950, -3.7870**, and the grayscale version is **155.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **209.3960, 25.3080, 3.9000**, and **103.1290, 21.6860, 3.4620** is the 20% darker color. If you saturate the color by 10%, you get **144.6420, 33.4230, 5.5110**, and if you desaturate by 10%, it is **165.1820, 14.1670, 2.0630**.

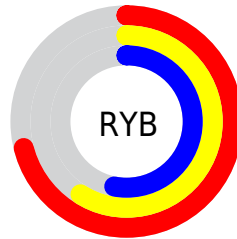
Distribution



Red (71%)

Green (57%)

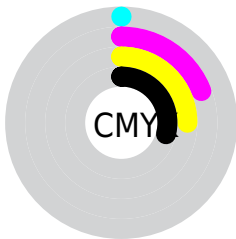
Blue (53%)



Red (71%)

Yellow (59%)

Blue (53%)

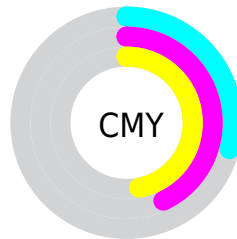


Cyan (0%)

Magenta (19%)

Yellow (25%)

Black (29%)



Cyan (29%)


Magenta (43%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 154.9120, 23.7950, 3.7870 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 154.9120, 23.7950, 3.7870 by changing the saturation by 10% instead.


 154.9120, 23.7950,
3.7870


 154.9120, 23.7950,
3.7870


255.0000, -0.0000,
-0.0000

 128.7270, 22.8780,
3.8860


 209.3960, 25.3080,
3.9000


 103.1290, 21.6860,
3.4620


 234.7050, 19.9440,
1.9920

 79.5310, 20.4940,
3.0380

 253.7460, 3.5310,
-3.4210

 56.0470, 18.9810,
2.9250

 34.5630, 17.4680,
2.8120

 11.3290, 18.2470,
5.2150

 0.0000, 0.0000,

0.0000

■ 154.9120, 23.7950,
3.7870

■ 154.9120, 23.7950,
3.7870

■ 144.6420, 33.4230,
5.5110

■ 165.1820, 14.1670,
2.0630

■ 134.9590, 42.7760,
6.7120

■ 174.8650, 4.8140,
0.8620

■ 124.6890, 52.4040,
8.4360

■ 185.1350, -4.8140,
-0.8620

■ 115.0060, 61.7570,
9.6370

■ 194.8180,
-14.1670, -2.0630

■ 104.7360, 71.3850,
11.3610

■ 205.0880,
-23.7950, -3.7870

■ 94.4660, 81.0130,
13.0850

■ 215.3580,
-33.4230, -5.5110

■ 84.7830, 90.3660,
14.2860

■ 224.3570,
-40.8500, -8.5780

■ 79.6480, 95.1800,
15.1480

■ 232.5750,
-44.7000, -15.9000

Harmonies

Analogous

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



155.7040, 21.6850, 8.9890



154.9120, 23.7950, 3.7870



153.6570, 19.8990, -2.7010

Triad

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



154.9120, 23.7950, 3.7870



149.0100, -15.1280, -12.1840



153.3980, -12.5640, 7.4360

Complementary

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



154.9120, 23.7950, 3.7870



160.0880, -23.7950, -3.7870

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.



151.1360, -23.7500, 0.9060



154.9120, 23.7950, 3.7870



147.9150, -24.9860, -9.7380

Square

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



154.9120, 23.7950, 3.7870



150.3660, -1.5110, -11.1670



149.1090, -28.2880, -4.9600



155.6340, 1.5110, 11.1670

Rectangle

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



154.9120, 23.7950, 3.7870



152.6130, 14.0310, -6.4890



149.1090, -28.2880, -4.9600



152.7780, -16.6900, 5.1180

Sweetspot

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



154.9120, 23.7950, 3.7870



225.4310, 9.0320, 1.5120



152.4450, 15.5850, 20.4250



111.8650, 4.8140, 0.8620



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



154.9120, 23.7950, 3.7870



195.2080, 37.6410, 6.1610



167.8260, 17.7450, -7.7190



83.8650, 4.8140, 0.8620



67.4660, 81.0130, 13.0850



11.2960, 13.8460, 2.3740

Inverse Universe

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



160.0880, -23.7950, -3.7870



203.2050, -37.3660, -5.6380



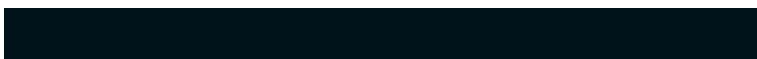
147.1740, -17.7450, 7.7190



85.1350, -4.8140, -0.8620



85.5340, -81.0130, -13.0850



14.1170, -13.5710, -1.8510

Previews

White Background



This preview shows how the YIQ color 154.9120, 23.7950, 3.7870 looks on a white background.

Color Contrast Check

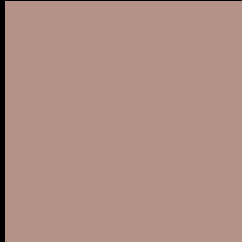
Large Text (above 18pt) WCAG AA × Fail

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 154.9120, 23.7950, 3.7870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

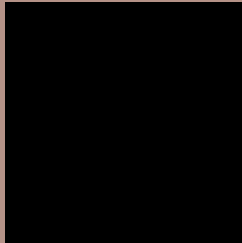
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 154.9120, 23.7950, 3.7870

Background



This preview shows how black text looks on a background with the YIQ color 154.9120, 23.7950, 3.7870.



This preview shows how white text looks on a background with the YIQ color 154.9120, 23.7950,

3.7870.

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

154.9120, 23.7950, 3.7870

Protanopia

153.4970, 8.6660, -2.8700

Deuteranopia

154.5910, 20.2650, 1.6810



Tritanopia

155.9150, 19.7130, 11.6890

Trichromacy



Original Color

154.9120, 23.7950, 3.7870

Protanomaly

153.7150, 13.9840, -0.1280

Deuteranomaly

154.6020, 21.7320, 2.6280

Tritanomaly

155.4050, 21.0890, 8.7770

Monochromacy



Original Color

154.9120, 23.7950, 3.7870

Achromatopsia

155.0000, -0.0000, 0.0000

Achromatomaly

155.1320, 8.4360, 1.3000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 154.9120, 23.7950, 3.7870 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(180, 146, 135)` looks like.

```
.text, #text, p{  
    color:rgb(180, 146, 135)  
}
```

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(180, 146, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 146, 135) }
```

Border

The CSS property to change the border of an element to YIQ 154.9120, 23.7950, 3.7870 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(180, 146, 135) }
```


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

```
.border{ border-color:rgb(180, 146, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 146, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 146, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 146, 135);  
box-shadow:4px 4px 4px 4px rgb(180, 146,  
135) }
```

Background

The CSS property to change the background color of an element to YIQ 154.9120, 23.7950, 3.7870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 146, 135) }
```

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

```
.background{ background-color: rgb(180,  
146, 135) }
```

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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