

Converting Colors

YIQ(123.1900, 28.8840, 5.1720)

Have a look what the booklet for
YIQ(123.1900, 28.8840, 5.1720)
contains.

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Color

**YIQ(123.1900, 28.8840,
5.1720)**

Conversions

Conversions Part 1

Format	Color
Hex	9A7064
RGB	154, 112, 100
RGB Percent	60%, 44%, 39%
CMY	0.3960, 0.5608, 0.6077
CMYK	0.00, 0.27, 0.35, 0.40
HSL	13°, 21%, 50%
HSV	13°, 35%, 60%
XYZ	21.4249, 19.3775, 14.6756
YIQ	123.1900, 28.8840, 5.1720

Conversions

Conversions Part 2

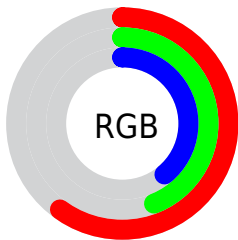
Format	Color
R_{YB}	154, 115, 100
Decimal	10121316
CIE Lab	51.13, 14.96, 13.19
CIE LCh	51, 19.945, 41.403
Yxy	19.3775, 0.3862, 0.3493
Android (android.graphics.Color)	4288311396 (0xFF9A7064)
YUV	123.1900, -11.4327, 27.0204
Hunter-Lab	44.0199, 9.8430, 11.0474

Details

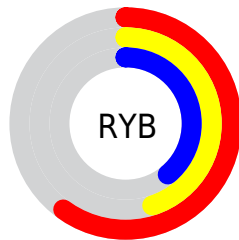
The YIQ color **123.1900, 28.8840, 5.1720** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **130.8100, -28.8840, -5.1720**, and the grayscale version is **123.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **176.2720, 31.5890, 5.7090**, and **73.8090, 25.5830, 4.4230** is the 20% darker color. If you saturate the color by 10%, you get **114.4360, 36.9990, 6.7830**, and if you desaturate by 10%, it is **131.9440, 20.7690, 3.5610**.

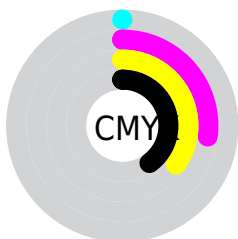
Distribution



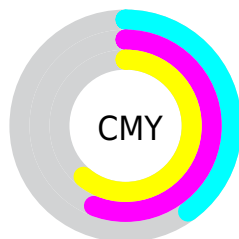
- Red (60%)
- Green (44%)
- Blue (39%)



- Red (60%)
- Yellow (45%)
- Blue (39%)



- Cyan (0%)
- Magenta (27%)
- Yellow (35%)
- Black (40%)



- Cyan (40%)
- Magenta (56%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 123.1900, 28.8840, 5.1720 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 123.1900, 28.8840, 5.1720 by changing the saturation by 10% instead.

123.1900, 28.8840,
5.1720

123.1900, 28.8840,
5.1720

255.0000, -0.0000,
-0.0000

97.7060, 27.3710,
5.0590

176.2720, 31.5890,
5.7090

73.8090, 25.5830,
4.4230

203.5710, 32.1850,
5.9210

51.0260, 23.4740,
4.0980

228.1680, 25.9500,
3.2780

28.9010, 22.3280,
2.8400

247.7960, 9.2620,
-2.6580

9.2690, 18.4760,
6.5720

0.0000, 0.0000,
0.0000

■ 123.1900, 28.8840,
5.1720

■ 123.1900, 28.8840,
5.1720

■ 114.4360, 36.9990,
6.7830

■ 131.9440, 20.7690,
3.5610

■ 105.5680, 45.4350,
8.0830

■ 140.8120, 12.3330,
2.2610

■ 96.8140, 53.5500,
9.6940

■ 149.5660, 4.2180,
0.6500

■ 87.9460, 61.9860,
10.9940

■ 158.4340, -4.2180,
-0.6500

■ 79.1920, 70.1010,
12.6050

■ 167.1880,
-12.3330, -2.2610

■ 70.4380, 78.2160,
14.2160

■ 175.9420,
-20.4480, -3.8720

■ 66.0040, 82.4340,
14.8660

■ 184.8100,
-28.8840, -5.1720

■ 193.5640,

-36.9990, -6.7830

■ 202.4320,
-45.4350, -8.0830

Harmonies

Analogous

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



123.8510, 25.7650, 12.1410



123.1900, 28.8840, 5.1720



121.9950, 24.7590, -2.6730

Triad

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



123.1900, 28.8840, 5.1720



116.0480, -18.2910, -15.4350



121.5870, -17.4700, 8.2420

Complementary

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



123.1900, 28.8840, 5.1720



130.8100, -28.8840, -5.1720

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.



117.5310, -32.2320, 0.4400



123.1900, 28.8840, 5.1720



113.9140, -32.4130, -12.8050

Square

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



123.1900, 28.8840, 5.1720



118.6710, -1.0520, -13.9800



114.2540, -39.0620, -7.9420



124.0300, 0.4560, 13.7680

Rectangle

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



123.1900, 28.8840, 5.1720



120.8260, 17.7450, -7.7190



114.2540, -39.0620, -7.9420



120.3690, -22.7880, 5.5000

Sweetspot

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



123.1900, 28.8840, 5.1720



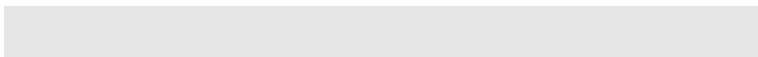
188.5130, 11.7370, 2.0490



120.9340, 18.7020, 24.5100



94.6480, 6.9230, 1.1870



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.



123.1900, 28.8840, 5.1720



153.2690, 44.8390, 7.8710



139.0390, 21.4590, -8.9490



72.5660, 4.2180, 0.6500



60.0570, 74.9150, 13.4670



5.6480, 6.9230, 1.1870

Inverse Universe

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



130.8100, -28.8840, -5.1720



165.3180, -45.1140, -8.3940



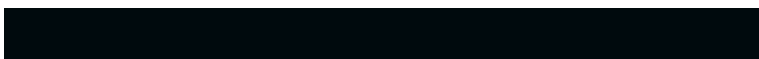
114.9610, -21.4590, 8.9490



73.4340, -4.2180, -0.6500



79.9430, -74.9150, -13.4670



7.3520, -6.9230, -1.1870

Previews

White Background



This preview shows how the YIQ color 123.1900, 28.8840, 5.1720 looks on a white 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

Black Background



This preview shows how the YIQ color 123.1900, 28.8840, 5.1720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

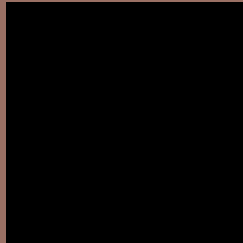
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 123.1900, 28.8840, 5.1720

Background



This preview shows how black text looks on a background with the YIQ color 123.1900, 28.8840, 5.1720.

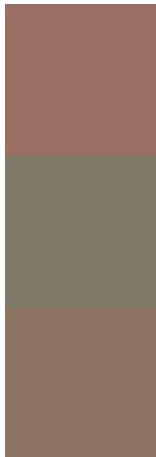


This preview shows how white text looks on a background with the YIQ color 123.1900, 28.8840,

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

123.1900, 28.8840, 5.1720

Protanopia

121.8560, 9.0330, -4.0150

Deuteranopia

122.4230, 20.6780, -0.2980



Tritanopia

124.0790, 25.1230, 12.7630

Trichromacy



Original Color

123.1900, 28.8840, 5.1720

Protanomaly

121.9710, 16.1390, -0.6370

Deuteranomaly

122.4450, 23.6120, 1.5960

Tritanomaly

123.5690, 26.4990, 9.8510

Monochromacy



Original Color

123.1900, 28.8840, 5.1720

Achromatopsia

123.0000, -0.0000, -0.0000

Achromatomaly

123.0290, 10.2240, 1.9360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 123.1900, 28.8840, 5.1720 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(154, 112, 100)` looks like.

```
.text, #text, p{  
    color:rgb(154, 112, 100)  
}
```

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(154, 112, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 112, 100) }
```

Border

The CSS property to change the border of an element to YIQ 123.1900, 28.8840, 5.1720 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(154, 112, 100) }
```


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

```
.border{ border-color:rgb(154, 112, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 112, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 112, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 112, 100);  
box-shadow:4px 4px 4px 4px rgb(154, 112,  
100) }
```

Background

The CSS property to change the background color of an element to YIQ 123.1900, 28.8840, 5.1720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 112, 100) }
```

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

```
.background{ background-color: rgb(154,  
112, 100) }
```

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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