

Converting Colors

YIQ(129.1890, 30.6250, 12.1690)

Have a look what the booklet for
YIQ(129.1890, 30.6250, 12.1690)
contains.

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Color

**YIQ(129.1890, 30.6250,
12.1690)**

Conversions

Conversions Part 1

Format	Color
Hex	A67174
RGB	166, 113, 116
RGB Percent	65%, 44%, 45%
CMY	0.3489, 0.5569, 0.5450
CMYK	0.00, 0.32, 0.30, 0.35
HSL	357°, 23%, 55%
HSV	357°, 32%, 65%
XYZ	24.7895, 21.1775, 19.3134
YIQ	129.1890, 30.6250, 12.1690

Conversions

Conversions Part 2

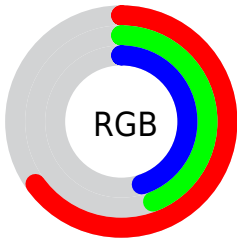
Format	Color
R_{YB}	166, 113, 116
Decimal	10908020
CIE _{Lab}	53.14, 21.43, 6.84
CIE _{LCh}	53, 22.492, 17.703
Yxy	21.1775, 0.3797, 0.3244
Android (android.graphics.Color)	4289098100 (0xFFA67174)
YUV	129.1890, -6.5022, 32.2832
Hunter-Lab	46.0190, 15.6212, 7.3303

Details

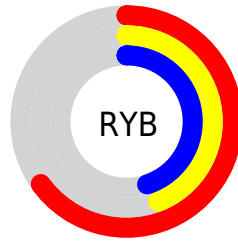
The YIQ color $[129.1890, 30.6250, 12.1690]$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $[149.8110, -30.6250, -12.1690]$, and the grayscale version is $[129.0000, 0.0000, 0.0000]$.

A 20% lighter version of the original color is $[182.3850, 33.0090, 13.0170]$, and $[79.1070, 27.9200, 11.6320]$ is the 20% darker color. If you saturate the color by 10%, you get $[117.3860, 40.4360, 16.0840]$, and if you desaturate by 10%, it is $[140.9920, 20.8140, 8.2540]$.

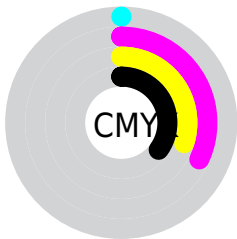
Distribution



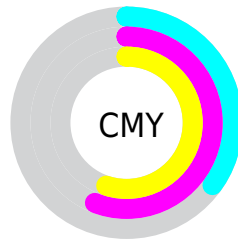
- Red (65%)
- Green (44%)
- Blue (45%)



- Red (65%)
- Yellow (44%)
- Blue (45%)



- Cyan (0%)
- Magenta (32%)
- Yellow (30%)
- Black (35%)





- Cyan (35%)
- Magenta (56%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 129.1890, 30.6250, 12.1690 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 129.1890, 30.6250, 12.1690 by changing the saturation by 10% instead.


 129.1890, 30.6250,
12.1690


 129.1890, 30.6250,
12.1690


255.0000, -0.0000,
-0.0000


 103.5910, 29.4330,
11.7450


 182.3850, 33.0090,
13.0170


 79.1070, 27.9200,
11.6320


 210.5700, 33.9260,
12.9180


 55.9110, 25.5360,
10.7840

 231.3940, 19.6220,
7.8300

 33.1280, 23.4270,
10.4590

 251.1360, 2.6130,
2.2050

 12.2590, 24.4360,
8.6920

 0.0000, 0.0000,
0.0000

129.1890, 30.6250,
12.1690

129.1890, 30.6250,
12.1690

117.3860, 40.4360,
16.0840

140.9920, 20.8140,
8.2540

106.2840, 49.6510,
19.7870

152.0940, 11.5990,
4.5510

94.4810, 59.4620,
23.7020

163.8970, 1.7880,
0.6360

83.2650, 68.9980,
27.0940

175.1130, -7.7480,
-2.7560

71.5760, 78.4880,
31.3200

186.8020,
-17.2380, -6.9820

59.7730, 88.2990,
35.2350


198.6050,
-27.0490, -10.8970

50.7740, 95.7260,
38.3020

209.8210,
-36.5850, -14.2890

221.5100,

-46.0750, -18.5150

 228.3890,
-53.0440, -18.8680

Harmonies

Analogous

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



129.6750, 20.6290, 17.1170



129.1890, 30.6250, 12.1690



128.1040, 32.0020, 3.7300

Triad

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



129.1890, 30.6250, 12.1690



122.0510, -5.1780, -16.2980



122.8020, -34.4330, 1.7830

Complementary

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



129.1890, 30.6250, 12.1690



149.8110, -30.6250, -12.1690

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.



118.7310, -44.8390, -7.8710



129.1890, 30.6250, 12.1690



119.2860, -24.8930, -16.9330

Square

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



129.1890, 30.6250, 12.1690



124.5540, 12.5190, -12.1290



117.3690, -41.1240, -14.6280



127.6520, -16.0950, 10.8570

Rectangle

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



129.1890, 30.6250, 12.1690



127.2620, 28.3810, -2.2350



117.3690, -41.1240, -14.6280



121.3560, -39.1090, -1.5810

Sweetspot

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



129.1890, 30.6250, 12.1690



201.6920, 12.7910, 4.9750



133.6930, 12.1910, 26.8710



100.3000, 8.0230, 3.2790



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



129.1890, 30.6250, 12.1690



159.3870, 47.8630, 19.1510



142.3480, 25.2630, -0.7930



78.3920, 4.7680, 1.6960



45.2780, 85.3190, 34.1750



6.0940, 11.5990, 4.5510

Inverse Universe

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



129.1890, 30.6250, 12.1690



159.3870, 47.8630, 19.1510



136.6520, -25.2630, 0.7930



78.3920, 4.7680, 1.6960



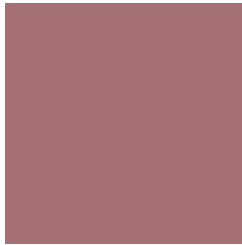
45.2780, 85.3190, 34.1750



6.0940, 11.5990, 4.5510

Previews

White Background



This preview shows how the YIQ color 129.1890, 30.6250, 12.1690 looks on a white background.

Color Contrast Check

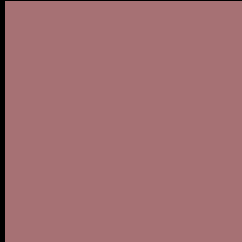
Large Text (above 18pt) WCAG AA ✓ Pass

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 129.1890, 30.6250, 12.1690 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 129.1890, 30.6250, 12.1690

Background



This preview shows how black text looks on a background with the YIQ color 129.1890, 30.6250, 12.1690.



This preview shows how white text looks on a background with the YIQ color 129.1890, 30.6250,

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

129.1890, 30.6250, 12.1690

Protanopia

127.4410, 3.0720, -0.6080

Deuteranopia

128.2530, 15.4050, 1.6530



Tritanopia

129.4710, 29.8910, 14.4590

Trichromacy



Original Color

129.1890, 30.6250, 12.1690

Protanomaly

128.0510, 13.1580, 3.8300

Deuteranomaly

128.4110, 20.9520, 5.7520

Tritanomaly

129.2430, 30.5330, 13.8370

Monochromacy



Original Color

129.1890, 30.6250, 12.1690

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

128.7950, 11.0030, 4.3390

CSS Examples

Text

The CSS property to change the color of the text to YIQ 129.1890, 30.6250, 12.1690 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(166, 113, 116)` looks like.

```
.text, #text, p{  
    color:rgb(166, 113, 116)  
}
```

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(166, 113, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 113, 116) }
```

Border

The CSS property to change the border of an element to YIQ 129.1890, 30.6250, 12.1690 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(166, 113, 116) }
```


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

```
.border{ border-color:rgb(166, 113, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 113, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 113, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 113, 116);  
box-shadow:4px 4px 4px 4px rgb(166, 113,  
116) }
```

Background

The CSS property to change the background color of an element to YIQ 129.1890, 30.6250, 12.1690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 113, 116) }
```

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

```
.background{ background-color: rgb(166,  
113, 116) }
```

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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