

Converting Colors

YIQ(18.9190, 13.8900, 12.5940)

Have a look what the booklet for
YIQ(18.9190, 13.8900, 12.5940)
contains.

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Color

**YIQ(18.9190, 13.8900,
12.5940)**

Conversions

Conversions Part 1

Format	Color
Hex	280719
RGB	40, 7, 25
RGB Percent	16%, 3%, 10%
CMY	0.8430, 0.9726, 0.9019
CMYK	0.00, 0.83, 0.38, 0.84
HSL	327°, 70%, 9%
HSV	327°, 83%, 16%
XYZ	1.1274, 0.6735, 0.9909
YIQ	18.9190, 13.8900, 12.5940

Conversions

Conversions Part 2

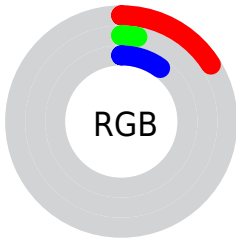
Format	Color
R_{YB}	40, 7, 25
Decimal	2623257
CIE Lab	6.08, 18.84, -3.68
CIE LCh	6, 19.198, 348.946
Yxy	0.6735, 0.4038, 0.2412
Android (android.graphics.Color)	4280813337 (0xFF280719)
YUV	18.9190, 2.9979, 18.4880
Hunter-Lab	8.2065, 10.1602, -1.4143

Details

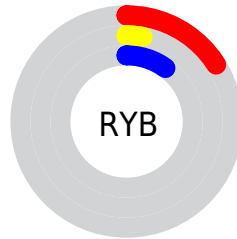
The YIQ color **18.9190, 13.8900, 12.5940** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **28.0810, -13.8900, -12.5940**, and the grayscale version is **19.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **63.7020, 15.9990, 12.9190**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **16.3430, 15.6320, 14.0640**, and if you desaturate by 10%, it is **21.4950, 12.1480, 11.1240**.

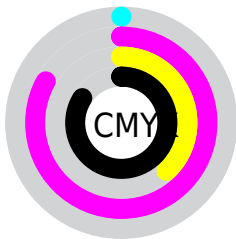
Distribution



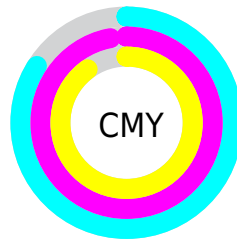
- Red (16%)
- Green (3%)
- Blue (10%)



- Red (16%)
- Yellow (3%)
- Blue (10%)



- Cyan (0%)
- Magenta (83%)
- Yellow (38%)
- Black (84%)





- Cyan (84%)
- Magenta (97%)
- Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 18.9190, 13.8900, 12.5940 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 18.9190, 13.8900, 12.5940 by changing the saturation by 10% instead.


 18.9190, 13.8900,
12.5940


 18.9190, 13.8900,
12.5940


 241.0430, 7.6090,
10.7850


 1.4950, 2.9800,
1.0600

 63.7020, 15.9990,
12.9190

 0.0000, 0.0000,
0.0000

 87.0010, 16.5950,
13.1310

 111.7130, 17.4660,
13.8660


 137.3110, 18.6580,
14.2900


 163.7240, 18.9330,
14.8130


 191.0230, 19.5290,


15.0250


 218.7350, 20.4000,
15.7600


 18.9190, 13.8900,
12.5940


 18.9190, 13.8900,
12.5940


 16.3430, 15.6320,
14.0640


 21.4950, 12.1480,
11.1240

 14.4680, 16.7780,
15.3220

 24.0710, 10.4060,
9.6540

 26.5330, 8.9850,
7.8730

 29.1090, 7.2430,
6.4030

 31.6850, 5.5010,
4.9330

■ 34.2610, 3.7590,
3.4630

■ 36.8370, 2.0170,
1.9930

■ 39.4130, 0.2750,
0.5230

■ 41.8750, -1.1460,
-1.2580

Harmonies

Analogous

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



20.1180, 3.0240, 11.2800



18.9190, 13.8900, 12.5940



17.8780, 21.1350, 7.9430

Triad

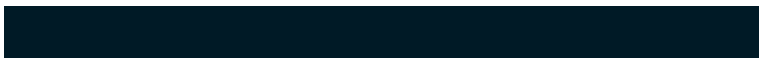
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



18.9190, 13.8900, 12.5940



17.9970, 4.0820, -7.9020



19.5940, -19.3480, -1.7800

Complementary

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



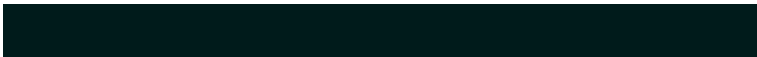
18.9190, 13.8900, 12.5940



28.0810, -13.8900, -12.5940

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.



18.9270, -16.0920, -5.7240



18.9190, 13.8900, 12.5940



14.6750, -6.8750, -13.0750

Square

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



18.9190, 13.8900, 12.5940



18.9490, 13.2050, -2.5310



17.2170, -11.2770, -10.3890



18.5170, -20.4490, 1.6550

Rectangle

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



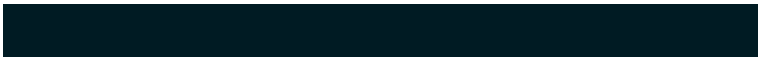
18.9190, 13.8900, 12.5940



17.5420, 21.9610, 3.9850



17.2170, -11.2770, -10.3890



19.8390, -18.6600, -3.2360

Sweetspot

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



18.9190, 13.8900, 12.5940



42.6850, 5.5010, 4.9330



15.2470, -1.6530, 13.4430



20.8480, 3.4840, 2.9400



153.0000, 0.0000, -0.0000



26.0000, -0.0000, -0.0000

Same Dimension

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



18.9190, 13.8900, 12.5940



19.0280, 21.1330, 18.9970



17.0950, 19.0260, 7.6180



18.7120, 0.8710, 0.7350



30.3600, 35.2980, 32.1140



76.4980, 89.4370, 80.7090

Inverse Universe

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



18.9190, 13.8900, 12.5940



19.0280, 21.1330, 18.9970



29.9050, -19.0260, -7.6180



18.7120, 0.8710, 0.7350



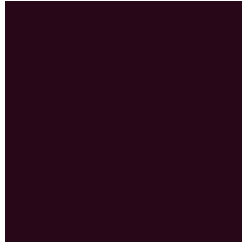
30.3600, 35.2980, 32.1140



76.4980, 89.4370, 80.7090

Previews

White Background



This preview shows how the YIQ color 18.9190, 13.8900, 12.5940 looks on a white background.

Color Contrast Check

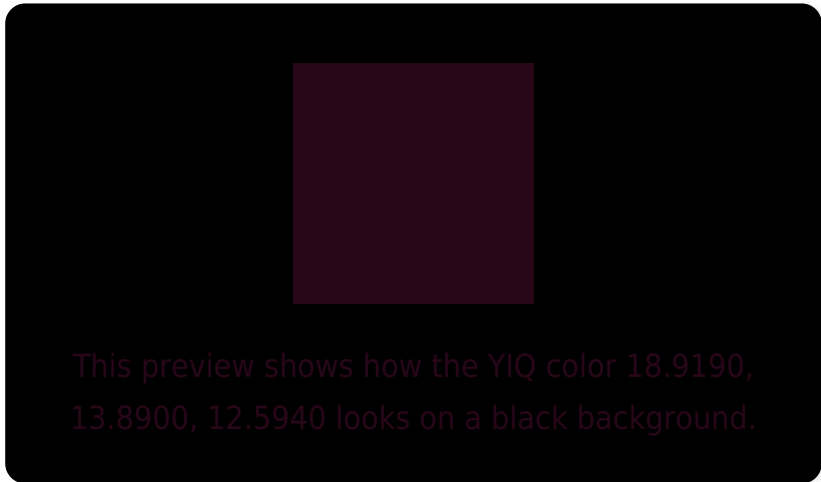
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

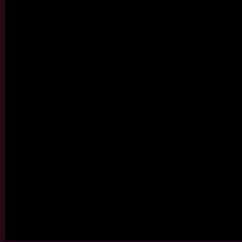
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 18.9190, 13.8900, 12.5940

Background



This preview shows how black text looks on a background with the YIQ color 18.9190, 13.8900, 12.5940.



This preview shows how white text looks on a background with the YIQ color 18.9190, 13.8900,

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

18.9190, 13.8900, 12.5940

Protanopia

21.2860, -6.5570, 3.1950

Deuteranopia

21.8260, 0.5500, 1.0460



Tritanopia

20.0730, 16.0920, 5.7240

Trichromacy



Original Color

18.9190, 13.8900, 12.5940

Protanomaly

20.4010, 0.5490, 6.5730

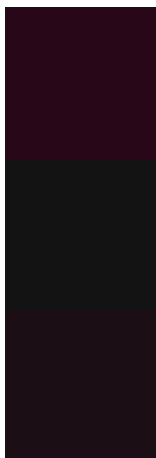
Deuteranomaly

20.7990, 5.1800, 5.2440

Tritanomaly

19.4690, 15.0370, 8.3250

Monochromacy



Original Color

18.9190, 13.8900, 12.5940

Achromatopsia

19.0000, -0.0000, -0.0000

Achromatomaly

19.2720, 5.2260, 4.4100

CSS Examples

Text

The CSS property to change the color of the text to YIQ 18.9190, 13.8900, 12.5940 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(40, 7, 25)` looks like.

```
.text, #text, p{  
    color:rgb(40, 7, 25)  
}
```

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(40, 7, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 7, 25) }
```

Border

The CSS property to change the border of an element to YIQ 18.9190, 13.8900, 12.5940 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(40, 7, 25) }
```


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

```
.border{ border-color:rgb(40, 7, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 7, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 7, 25); -webkit-box-shadow:4px  
4px 4px 4px rgb(40, 7, 25); box-shadow:4px  
4px 4px 4px rgb(40, 7, 25) }
```

Background

The CSS property to change the background color of an element to YIQ 18.9190, 13.8900, 12.5940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 7, 25) }
```

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

```
.background{ background-color: rgb(40, 7,  
25) }
```

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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