

Converting Colors

YIQ(15.3910, 6.5090, 8.6930)

Have a look what the booklet for
YIQ(15.3910, 6.5090, 8.6930)
contains.

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Color

YIQ(15.3910, 6.5090, 8.6930)

Conversions

Conversions Part 1

Format	Color
Hex	1B0817
RGB	27, 8, 23
RGB Percent	11%, 3%, 9%
CMY	0.8941, 0.9687, 0.9098
CMYK	0.00, 0.70, 0.15, 0.89
HSL	313°, 54%, 7%
HSV	313°, 70%, 11%
XYZ	0.6938, 0.4686, 0.8647
YIQ	15.3910, 6.5090, 8.6930

Conversions

Conversions Part 2

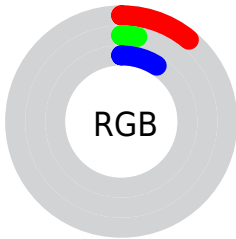
Format	Color
R_{YB}	27, 8, 23
Decimal	1771543
CIE Lab	4.23, 10.18, -5.07
CIE LCh	4, 11.370, 333.517
Yxy	0.4686, 0.3423, 0.2312
Android (android.graphics.Color)	4279961623 (0xFF1B0817)
YUV	15.3910, 3.7512, 10.1811
Hunter-Lab	6.8452, 6.1128, -2.6978

Details

The YIQ color **15.3910, 6.5090, 8.6930** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **19.6090, -6.5090, -8.6930**, and the grayscale version is **15.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **59.1520, 5.6840, 7.1240**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **13.5160, 7.6550, 9.9510**, and if you desaturate by 10%, it is **17.2660, 5.3630, 7.4350**.

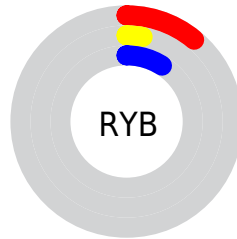
Distribution



Red (11%)

Green (3%)

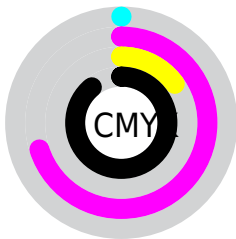
Blue (9%)



Red (11%)

Yellow (3%)

Blue (9%)

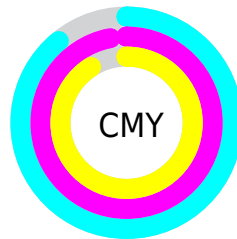


Cyan (0%)

Magenta (70%)

Yellow (15%)

Black (89%)



Cyan (89%)

Magenta (97%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 15.3910, 6.5090, 8.6930 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 15.3910, 6.5090, 8.6930 by changing the saturation by 10% instead.

■ 15.3910, 6.5090,
8.6930

■ 15.3910, 6.5090,
8.6930

■ 240.4020, 7.9760,
9.6400

■ 0.0000, 0.0000,
0.0000

■ 59.1520, 5.6840,
7.1240

■ 81.9780, 6.2340,
8.1700


■ 106.2770, 6.8300,
8.3820


■ 131.6900, 7.1050,
8.9050


■ 157.6900, 7.1050,
8.9050


■ 184.9890, 7.7010,

9.1170

 212.4020, 7.9760,
9.6400


 15.3910, 6.5090,
8.6930

 15.3910, 6.5090,
8.6930


 13.5160, 7.6550,
9.9510

 17.2660, 5.3630,
7.4350

 12.3420, 8.2050,
10.9970

 18.4400, 4.8130,
6.3890

 10.4670, 9.3510,
12.2550

 20.3150, 3.6670,
5.1310

 22.0760, 2.8420,
3.5620

 23.3640, 1.9710,
2.8270

■ 25.1250, 1.1460,
1.2580

■ 27.0000, -0.0000,
0.0000

■ 28.8750, -1.1460,
-1.2580

■ 30.0490, -1.6960,
-2.3040

Harmonies

Analogous

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



15.0310, -1.2850, 6.7710



15.3910, 6.5090, 8.6930



14.9740, 12.0570, 7.2650

Triad

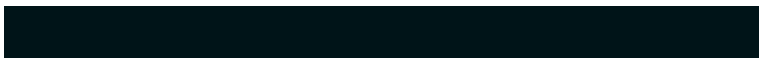
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



15.3910, 6.5090, 8.6930



14.4860, 7.1990, -3.8170



14.4760, -13.2040, -2.9960

Complementary

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



15.3910, 6.5090, 8.6930



19.6090, -6.5090, -8.6930

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.



14.1510, -10.9110, -6.0070



15.3910, 6.5090, 8.6930



12.6590, -0.7780, -7.9300

Square

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



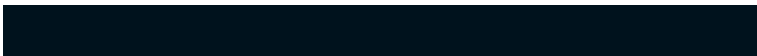
15.3910, 6.5090, 8.6930



14.5300, 13.0670, -0.0290



12.0820, -6.4630, -9.5270



13.8720, -14.2590, -0.3950

Rectangle

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



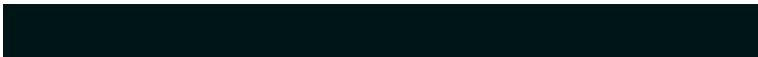
15.3910, 6.5090, 8.6930



14.2470, 15.5420, 4.6780



12.0820, -6.4630, -9.5270



14.8350, -12.8370, -4.1410

Sweetspot

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



15.3910, 6.5090, 8.6930



31.0760, 2.8420, 3.5620



11.3620, -3.7150, 6.7570



14.9510, 1.6960, 2.3040



145.0000, 0.0000, -0.0000



18.0000, -0.0000, 0.0000

Same Dimension

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



15.3910, 6.5090, 8.6930



17.5920, 10.4970, 13.5130



14.3650, 9.3980, 5.8940



11.7120, 0.8710, 0.7350



29.8630, 26.6320, 34.9840



79.3500, 69.9030, 93.3190

Inverse Universe

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



15.3910, 6.5090, 8.6930



17.5920, 10.4970, 13.5130



20.6350, -9.3980, -5.8940



11.7120, 0.8710, 0.7350



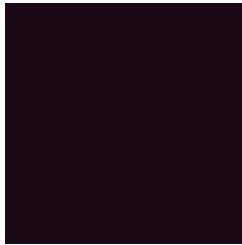
29.8630, 26.6320, 34.9840



79.3500, 69.9030, 93.3190

Previews

White Background



This preview shows how the YIQ color 15.3910, 6.5090, 8.6930 looks on a white background.

Color Contrast Check

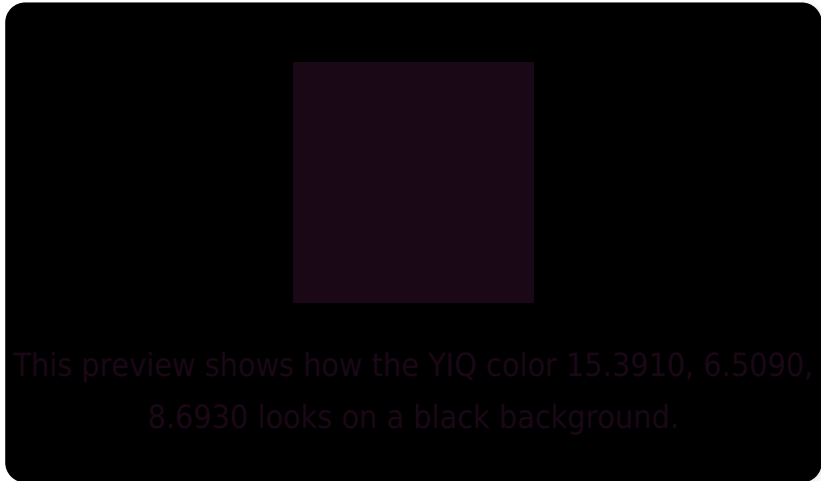
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.3910, 6.5090, 8.6930

Background



This preview shows how black text looks on a background with the YIQ color 15.3910, 6.5090, 8.6930.



This preview shows how white text looks on a background with the YIQ color 15.3910, 6.5090, 8.6930.

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

15.3910, 6.5090, 8.6930

Protanopia

15.3890, -8.3450, 2.5590

Deuteranopia

16.0860, -3.1180, 1.4420



Tritanopia

15.5990, 8.6190, 3.4910

Trichromacy



Original Color

15.3910, 6.5090, 8.6930

Protanomaly

15.4930, -2.7060, 4.9900

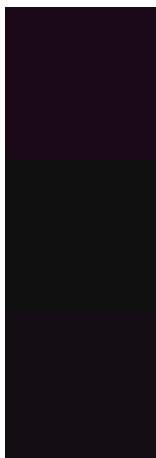
Deuteranomaly

15.8200, 0.6870, 4.0710

Tritanomaly

15.4680, 7.6100, 5.2580

Monochromacy



Original Color

15.3910, 6.5090, 8.6930

Achromatopsia

15.0000, -0.0000, -0.0000

Achromatomaly

14.7770, 2.2460, 3.3500

CSS Examples

Text

The CSS property to change the color of the text to YIQ 15.3910, 6.5090, 8.6930 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(27, 8, 23)` looks like.

```
.text, #text, p{  
    color:rgb(27, 8, 23)  
}
```

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(27, 8, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 8, 23) }
```

Border

The CSS property to change the border of an element to YIQ 15.3910, 6.5090, 8.6930 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(27, 8, 23) }
```

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

```
.border{ border-color:rgb(27, 8, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(27, 8, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 8, 23); -webkit-box-shadow:4px  
4px 4px 4px rgb(27, 8, 23); box-shadow:4px  
4px 4px 4px rgb(27, 8, 23) }
```


Background

The CSS property to change the background color of an element to YIQ 15.3910, 6.5090, 8.6930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 8, 23) }
```

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

```
.background{ background-color: rgb(27, 8,  
23) }
```

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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