

Converting Colors

YIQ(61.8930, 123.3720, 43.8840)

Have a look what the booklet for
YIQ(61.8930, 123.3720, 43.8840)
contains.

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Color

**YIQ(61.8930, 123.3720,
43.8840)**

Conversions

Conversions Part 1

Format	Color
Hex	CF0000
RGB	207, 0, 0
RGB Percent	81%, 0%, 0%
CMY	0.1877, 0.9998, 0.9995
CMYK	0.00, 1.00, 1.00, 0.19
HSL	360°, 100%, 41%
HSV	360°, 100%, 81%
XYZ	25.7679, 13.2838, 1.2095
YIQ	61.8930, 123.3720, 43.8840

Conversions

Conversions Part 2

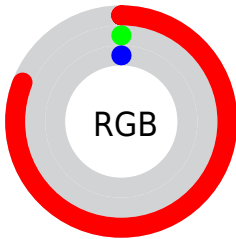
Format	Color
RYB	207, 0, 0
Decimal	13565952
CIELab	43.19, 68.49, 57.42
CIELCh	43, 89.375, 39.978
Yxy	13.2838, 0.6400, 0.3299
Android (android.graphics.Color)	4291756032 (0xFFCF0000)
YUV	61.8930, -30.5132, 127.2588
Hunter-Lab	36.4469, 62.4172, 23.5453

Details

The YIQ color **61.8930, 123.3720, 43.8840** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **145.1070, -123.3720, -43.8840**, and the grayscale version is **62.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **132.7690, 111.3170, 25.5650**, and **42.4580, 84.6320, 30.1040** is the 20% darker color. If you saturate the color by 10%, you get **61.8930, 123.3720, 43.8840**, and if you desaturate by 10%, it is **76.6140, 110.8560, 39.4320**.

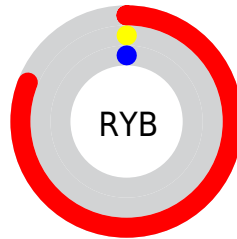
Distribution



Red (81%)

Green (0%)

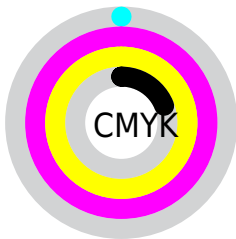
Blue (0%)



Red (81%)

Yellow (0%)

Blue (0%)

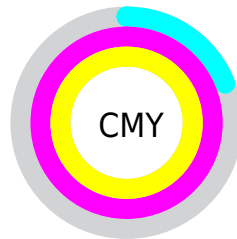


Cyan (0%)

Magenta (100%)

Yellow (100%)

Black (19%)



Cyan (19%)


Magenta (100%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 61.8930, 123.3720, 43.8840 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 61.8930, 123.3720, 43.8840 by changing the saturation by 10% instead.


 61.8930, 123.3720,
43.8840


 61.8930, 123.3720,
43.8840


 253.1760, 5.1360,
-4.9760


 52.3250, 104.3000,
37.1000


 132.7690,
111.3170, 25.5650


 42.4580, 84.6320,
30.1040


 153.2290, 95.0420,
17.6500


 32.8900, 65.5600,
23.3200

 173.1020, 79.0420,
10.2580

 24.1480, 47.0380,
17.5820

 193.0890, 62.7210,
3.1770

 14.8790, 28.5620,
11.0100

 213.0760, 46.4000,
-3.9040

 0.0000, 0.0000,
0.0000

 233.8780, 29.1620,

-10.8860

■ 249.9840, 14.1240,
-13.6840

■ 61.8930, 123.3720,
43.8840

■ 76.6140, 110.8560,
39.4320

■ 90.7480, 98.6150,
35.5030

■ 105.3550, 86.4200,
30.7400

■ 120.0760, 73.9040,
26.2880

■ 134.7970, 61.3880,
21.8360

■ 148.8170, 49.4680,
17.5960

■ 163.5380, 36.9520,
13.1440

■ 178.2590, 24.4360,
8.6920

■ 192.2790, 12.5160,
4.4520

Harmonies

Analogous

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



76.2100, 107.5030, 72.6790



61.8930, 123.3720, 43.8840



95.4090, 76.0190, -6.5490

Triad

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



61.8930, 123.3720, 43.8840



80.3800, -49.9660, -52.6380



90.3630, -109.7670, 23.4570

Complementary

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



61.8930, 123.3720, 43.8840



145.1070, -123.3720, -43.8840

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.



100.6040, -112.4240, 11.0320



61.8930, 123.3720, 43.8840



90.6740, -76.1960, -28.8040

Square

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



61.8930, 123.3720, 43.8840



71.0270, -33.2750, -63.2830



98.7680, -98.9870, -6.7230



100.9800, -12.1610, 60.7270

Rectangle

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



61.8930, 123.3720, 43.8840



96.0750, 47.0000, -25.8000



98.7680, -98.9870, -6.7230



95.2870, -112.6090, 19.8950

Sweetspot

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



61.8930, 123.3720, 43.8840



201.7240, 45.2960, 16.1120



84.5940, 55.1370, 107.6250



95.7540, 27.4160, 9.7520



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



61.8930, 123.3720, 43.8840



76.2450, 151.9800, 54.0600



120.5930, 95.8720, -8.4160



97.2890, 6.5560, 2.3320



50.2320, 100.1280, 35.6160



12.2590, 24.4360, 8.6920

Inverse Universe

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



61.8930, 123.3720, 43.8840



76.2450, 151.9800, 54.0600



86.4070, -95.8720, 8.4160



97.2890, 6.5560, 2.3320



50.2320, 100.1280, 35.6160



12.2590, 24.4360, 8.6920

Previews

White Background



This preview shows how the YIQ color 61.8930, 123.3720, 43.8840 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 × Fail

Black Background



This preview shows how the YIQ color 61.8930, 123.3720, 43.8840 looks on a black 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

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

YIQ 61.8930, 123.3720, 43.8840

Background



This preview shows how black text looks on a background with the YIQ color 61.8930, 123.3720, 43.8840.



This preview shows how white text looks on a background with the YIQ color 61.8930, 123.3720,

43.8840.

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

61.8930, 123.3720, 43.8840

Protanopia

99.6960, 32.1900, -21.7140

Deuteranopia

97.5810, 51.4470, -23.7930



Tritanopia

72.7470, 117.5510, 33.7350

Trichromacy



Original Color

61.8930, 123.3720, 43.8840

Protanomaly

86.1170, 65.5180, 2.0460

Deuteranomaly

84.5220, 77.4390, 0.7590

Tritanomaly

68.6380, 119.4760, 37.3960

Monochromacy



Original Color

61.8930, 123.3720, 43.8840

Achromatopsia

62.0000, -0.0000, -0.0000

Achromatomaly

61.7240, 45.2960, 16.1120

CSS Examples

Text

The CSS property to change the color of the text to YIQ 61.8930, 123.3720, 43.8840 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(207, 0, 0)` looks like.

```
.text, #text, p{  
    color:rgb(207, 0, 0)  
}
```

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(207, 0, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 0, 0) }
```

Border

The CSS property to change the border of an element to YIQ 61.8930, 123.3720, 43.8840 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(207, 0, 0) }
```


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

```
.border{ border-color:rgb(207, 0, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 0, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 0, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(207, 0, 0); box-shadow:4px  
4px 4px 4px rgb(207, 0, 0) }
```

Background

The CSS property to change the background color of an element to YIQ 61.8930, 123.3720, 43.8840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 0, 0) }
```

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

```
.background{ background-color: rgb(207, 0,  
0) }
```

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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