

Converting Colors

YIQ(112.4810, 59.4620, 23.7020)

Have a look what the booklet for
YIQ(112.4810, 59.4620, 23.7020)
contains.

YIQ(112.4810, 59.4620, 23.7020)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(112.4810, 59.4620,
23.7020)**

Conversions

Conversions Part 1

Format	Color
Hex	B85157
RGB	184, 81, 87
RGB Percent	72%, 32%, 34%
CMY	0.2782, 0.6825, 0.6586
CMYK	0.00, 0.56, 0.53, 0.28
HSL	356°, 42%, 52%
HSV	356°, 56%, 72%
XYZ	24.4443, 16.7657, 10.9772
YIQ	112.4810, 59.4620, 23.7020

Conversions

Conversions Part 2

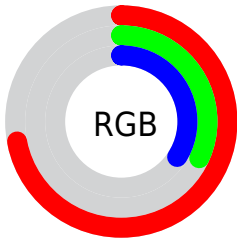
Format	Color
RYB	184, 81, 87
Decimal	12079447
CIELab	47.96, 42.26, 17.20
CIELCh	48, 45.628, 22.143
Yxy	16.7657, 0.4684, 0.3213
Android (android.graphics.Color)	4290269527 (0xFFB85157)
YUV	112.4810, -12.5621, 62.7222
Hunter-Lab	40.9459, 34.9072, 12.7671

Details

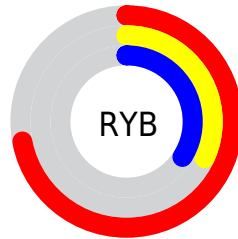
The YIQ color **112.4810, 59.4620, 23.7020** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **152.5190, -59.4620, -23.7020**, and the grayscale version is **113.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **167.2320, 64.5970, 24.2530**, and **58.8980, 53.9140, 25.1300** is the 20% darker color. If you saturate the color by 10%, you get **99.9770, 69.8690, 27.8290**, and if you desaturate by 10%, it is **124.9850, 49.0550, 19.5750**.

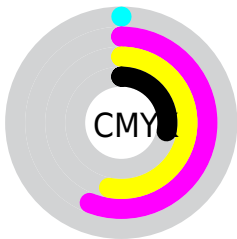
Distribution



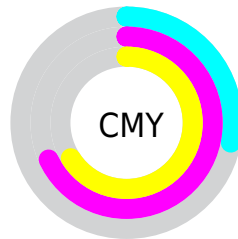
- Red (72%)
- Green (32%)
- Blue (34%)



- Red (72%)
- Yellow (32%)
- Blue (34%)



- Cyan (0%)
- Magenta (56%)
- Yellow (53%)
- Black (28%)





- Cyan (28%)
- Magenta (68%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 112.4810, 59.4620, 23.7020 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 112.4810, 59.4620, 23.7020 by changing the saturation by 10% instead.


 112.4810, 59.4620,
23.7020


 112.4810, 59.4620,
23.7020


255.0000, -0.0000,
-0.0000


 85.9260, 56.7110,
23.9990


 167.2320, 64.5970,
24.2530


 58.8980, 53.9140,
25.1300


 189.3340, 55.3820,
20.5500


 31.8100, 51.3460,
27.6180

 208.2610, 39.2900,
14.8260

 21.2290, 42.3160,
15.0520

 228.4760, 22.3270,
8.3670

 13.6830, 26.1780,
10.1620

 248.6910, 5.3640,
1.9080

 0.0000, 0.0000,
0.0000

■ 112.4810, 59.4620,
23.7020

■ 112.4810, 59.4620,
23.7020

■ 99.9770, 69.8690,
27.8290

■ 124.9850, 49.0550,
19.5750

■ 86.7720, 80.8720,
32.1680

■ 138.1900, 38.0520,
15.2360

■ 74.2680, 91.2790,
36.2950

■ 150.6940, 27.6450,
11.1090

■ 61.1770, 101.9610,
40.9450

■ 163.7850, 16.9630,
6.4590

■ 56.2700, 106.1330,
42.4290


■ 176.4030, 6.2350,
2.6430

■ 188.9070, -4.1720,
-1.4840

■ 201.9980,
-14.8540, -6.1340

■ 214.6160,

-25.5820, -9.9500

 227.7070,
-36.2640, -14.6000

Harmonies

Analogous

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



114.8450, 44.2380, 35.2940



112.4810, 59.4620, 23.7020



111.8760, 59.0070, 4.4070

Triad

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



112.4810, 59.4620, 23.7020



100.0730, -20.5800, -34.5320



92.6870, -94.2650, -4.1930

Complementary

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



112.4810, 59.4620, 23.7020



152.5190, -59.4620, -23.7020

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.



95.5590, -91.3290, -13.3530



112.4810, 59.4620, 23.7020



89.1120, -69.0420, -37.3140

Square

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



112.4810, 59.4620, 23.7020



106.6510, 18.8950, -28.5690



93.6720, -81.8820, -24.8740



113.4890, -31.2730, 21.6150

Rectangle

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



112.4810, 59.4620, 23.7020



111.4260, 50.9860, -9.9260



93.6720, -81.8820, -24.8740



94.1060, -94.1270, -6.6950

Sweetspot

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



112.4810, 59.4620, 23.7020



211.4870, 23.7940, 9.3140



121.4460, 24.1530, 52.3850



103.2900, 13.9830, 5.3990



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



112.4810, 59.4620, 23.7020



128.2790, 92.7460, 37.2420



138.2120, 49.0130, -1.6990



85.6910, 5.3640, 1.9080



47.6700, 90.0870, 35.8710



8.6000, 16.0460, 6.5580

Inverse Universe

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



112.4810, 59.4620, 23.7020



128.2790, 92.7460, 37.2420



126.7880, -49.0130, 1.6990



85.6910, 5.3640, 1.9080



47.6700, 90.0870, 35.8710



8.6000, 16.0460, 6.5580

Previews

White Background



This preview shows how the YIQ color 112.4810, 59.4620, 23.7020 looks on a white background.

Color Contrast Check

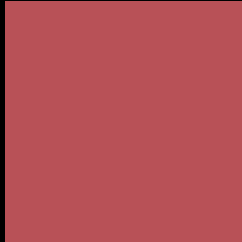
Large Text (above 18pt) WCAG AA ✓ Pass

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 112.4810, 59.4620, 23.7020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

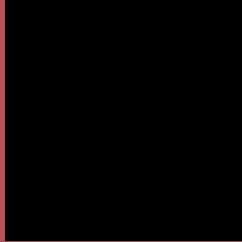
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 112.4810, 59.4620, 23.7020

Background



This preview shows how black text looks on a background with the YIQ color 112.4810, 59.4620, 23.7020.

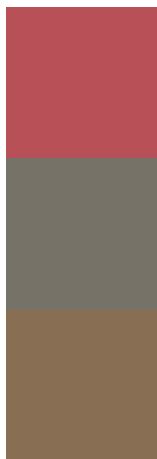


This preview shows how white text looks on a background with the YIQ color 112.4810, 59.4620,

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

112.4810, 59.4620, 23.7020

Protanopia

114.2410, 6.5110, -2.3610

Deuteranopia

114.5820, 24.4840, -3.1960



Tritanopia

112.3670, 59.7830, 23.3910

Trichromacy



Original Color

112.4810, 59.4620, 23.7020

Protanomaly

113.6890, 26.0410, 7.1370

Deuteranomaly

113.4360, 36.9990, 6.7830

Tritanomaly

112.3670, 59.7830, 23.3910

Monochromacy



Original Color

112.4810, 59.4620, 23.7020

Achromatopsia

112.0000, -0.0000, 0.0000

Achromatomaly

112.2910, 21.4100, 8.4660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 112.4810, 59.4620, 23.7020 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(184, 81, 87)` looks like.

```
.text, #text, p{  
    color:rgb(184, 81, 87)  
}
```

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(184, 81, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 81, 87) }
```

Border

The CSS property to change the border of an element to YIQ 112.4810, 59.4620, 23.7020 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(184, 81, 87) }
```


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

```
.border{ border-color:rgb(184, 81, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 81, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 81, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 81, 87);  
box-shadow:4px 4px 4px 4px rgb(184, 81,  
87) }
```

Background

The CSS property to change the background color of an element to YIQ 112.4810, 59.4620, 23.7020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 81, 87) }
```

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

```
.background{ background-color: rgb(184, 81,  
87) }
```

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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