

Converting Colors

YIQ(110.2570, 54.2810, 23.9850)

Have a look what the booklet for
YIQ(110.2570, 54.2810, 23.9850)
contains.

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Color

**YIQ(110.2570, 54.2810,
23.9850)**

Conversions

Conversions Part 1

Format	Color
Hex	B1505B
RGB	177, 80, 91
RGB Percent	69%, 31%, 36%
CMY	0.3056, 0.6864, 0.6429
CMYK	0.00, 0.55, 0.49, 0.31
HSL	353°, 38%, 50%
HSV	353°, 55%, 69%
XYZ	22.9016, 15.8418, 11.7602
YIQ	110.2570, 54.2810, 23.9850

Conversions

Conversions Part 2

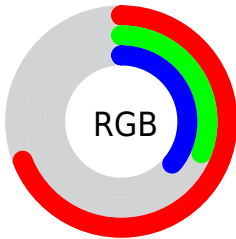
Format	Color
R_{YB}	177, 80, 91
Decimal	11620443
CIE _{Lab}	46.77, 40.59, 12.97
CIE _{LCh}	47, 42.611, 17.723
Yxy	15.8418, 0.4535, 0.3137
Android (android.graphics.Color)	4289810523 (0xFFB1505B)
YUV	110.2570, -9.4937, 58.5336
Hunter-Lab	39.8018, 33.0540, 10.3429

Details

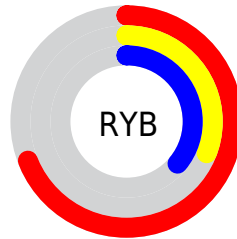
The YIQ color **110.2570, 54.2810, 23.9850** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **146.7430, -54.2810, -23.9850**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.1220, 59.0950, 24.8470**, and **57.5600, 49.0540, 25.1020** is the 20% darker color. If you saturate the color by 10%, you get **97.8670, 64.3670, 28.4230**, and if you desaturate by 10%, it is **122.6470, 44.1950, 19.5470**.

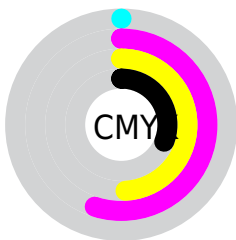
Distribution



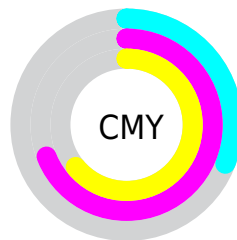
- Red (69%)
- Green (31%)
- Blue (36%)



- Red (69%)
- Yellow (31%)
- Blue (36%)



- Cyan (0%)
- Magenta (55%)
- Yellow (49%)
- Black (31%)



- Cyan (31%)
- Magenta (69%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 110.2570, 54.2810, 23.9850 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 110.2570, 54.2810, 23.9850 by changing the saturation by 10% instead.

■ 110.2570, 54.2810,
23.9850

■ 110.2570, 54.2810,
23.9850

■ 255.0000, -0.0000,
-0.0000

■ 83.7020, 51.5300,
24.2820

■ 164.1220, 59.0950,
24.8470

■ 57.5600, 49.0540,
25.1020

■ 188.6160, 54.6480,
22.8400

■ 30.3580, 46.8070,
27.2790

■ 208.2440, 37.9600,
16.9040

■ 19.7340, 39.3360,
13.9920

■ 227.7580, 21.5930,
10.6570

■ 12.0740, 23.5190,
8.7910

■ 248.0870, 4.3090,
4.5090

■ 0.0000, 0.0000,
0.0000

■ 110.2570, 54.2810,
23.9850

■ 110.2570, 54.2810,
23.9850

■ 97.8670, 64.3670,
28.4230

■ 122.6470, 44.1950,
19.5470

■ 86.1780, 73.8570,
32.6490

■ 134.3360, 34.7050,
15.3210

■ 73.7880, 83.9430,
37.0870

■ 146.7260, 24.6190,
10.8830

■ 61.3980, 94.0290,
41.5250

■ 159.1160, 14.5330,
6.4450

■ 55.2030, 99.0720,
43.7440


■ 170.8050, 5.0430,
2.2190

■ 183.1950, -5.0430,
-2.2190

■ 195.5850,
-15.1290, -6.6570

■ 207.9750,

-25.2150, -11.0950

 219.6640,
-34.7050, -15.3210

Harmonies

Analogous

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



112.5560, 37.6820, 32.9620



110.2570, 54.2810, 23.9850



109.4890, 55.8430, 6.6830

Triad

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



110.2570, 54.2810, 23.9850



99.6720, -11.9610, -31.0410



90.4870, -90.8260, -5.9460

Complementary

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



110.2570, 54.2810, 23.9850



146.7430, -54.2810, -23.9850

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.



92.5440, -86.9730, -15.2050



110.2570, 54.2810, 23.9850



85.8520, -65.3740, -37.7100

Square

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



110.2570, 54.2810, 23.9850



104.7270, 21.7370, -25.0070



90.1840, -77.5720, -25.8920



109.2280, -35.0320, 18.1520

Rectangle

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



110.2570, 54.2810, 23.9850



108.4630, 49.5640, -6.1800



90.1840, -77.5720, -25.8920



91.7920, -90.3670, -8.7590

Sweetspot

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



110.2570, 54.2810, 23.9850



204.5190, 20.7680, 9.0880



116.7720, 20.1190, 48.3990



99.8060, 12.4700, 5.2860



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



110.2570, 54.2810, 23.9850



125.3860, 85.1350, 37.5110



130.7220, 47.6370, 1.2130



82.8050, 5.0430, 2.2190



47.6850, 85.7310, 37.7230



8.1160, 14.5330, 6.4450

Inverse Universe

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



110.2570, 54.2810, 23.9850



125.3860, 85.1350, 37.5110



126.2780, -47.6370, -1.2130



82.8050, 5.0430, 2.2190



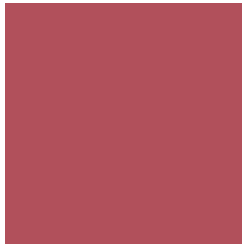
47.6850, 85.7310, 37.7230



8.1160, 14.5330, 6.4450

Previews

White Background



This preview shows how the YIQ color 110.2570, 54.2810, 23.9850 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 110.2570, 54.2810, 23.9850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

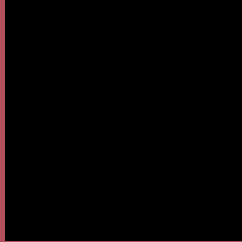
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 110.2570, 54.2810, 23.9850

Background



This preview shows how black text looks on a background with the YIQ color 110.2570, 54.2810, 23.9850.

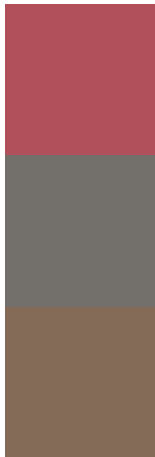


This preview shows how white text looks on a background with the YIQ color 110.2570, 54.2810,

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

110.2570, 54.2810, 23.9850

Protanopia

111.7400, 3.6680, -0.3960

Deuteranopia

111.8960, 20.7240, -1.1320



Tritanopia

110.2740, 55.6110, 21.9070

Trichromacy



Original Color

110.2570, 54.2810, 23.9850

Protanomaly

111.4760, 22.3270, 8.3670

Deuteranomaly

111.2230, 33.2850, 8.0130

Tritanomaly

110.5020, 54.9690, 22.5290

Monochromacy



Original Color

110.2570, 54.2810, 23.9850

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

109.9210, 19.5760, 8.6640

CSS Examples

Text

The CSS property to change the color of the text to YIQ 110.2570, 54.2810, 23.9850 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(177, 80, 91)` looks like.

```
.text, #text, p{  
    color:rgb(177, 80, 91)  
}
```

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(177, 80, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 80, 91) }
```

Border

The CSS property to change the border of an element to YIQ 110.2570, 54.2810, 23.9850 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(177, 80, 91) }
```


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

```
.border{ border-color:rgb(177, 80, 91) }
```

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

Here you see how a box with a 4 pixel rgb(177, 80, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 80, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 80, 91);  
box-shadow:4px 4px 4px 4px rgb(177, 80,  
91) }
```

Background

The CSS property to change the background color of an element to YIQ 110.2570, 54.2810, 23.9850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 80, 91) }
```

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

```
.background{ background-color: rgb(177, 80,  
91) }
```

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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