

Converting Colors

YIQ(130.2180, 50.0170, 24.1690)

Have a look what the booklet for
YIQ(130.2180, 50.0170, 24.1690)
contains.

YIQ(130.2180, 50.0170, 24.1690)	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(130.2180, 50.0170,
24.1690)**

Conversions

Conversions Part 1

Format	Color
Hex	C16574
RGB	193, 101, 116
RGB Percent	76%, 40%, 45%
CMY	0.2429, 0.6041, 0.5449
CMYK	0.00, 0.48, 0.40, 0.24
HSL	350°, 43%, 58%
HSV	350°, 48%, 76%
XYZ	29.8123, 21.9070, 19.1947
YIQ	130.2180, 50.0170, 24.1690

Conversions

Conversions Part 2

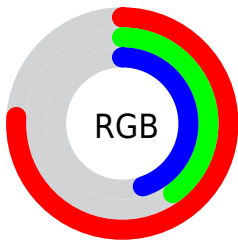
Format	Color
R_{YB}	193, 101, 116
Decimal	12674420
CIE _{Lab}	53.93, 38.31, 8.42
CIE _{LCh}	54, 39.221, 12.402
Yxy	21.9070, 0.4204, 0.3089
Android (android.graphics.Color)	4290864500 (0xFFC16574)
YUV	130.2180, -7.0095, 55.0598
Hunter-Lab	46.8049, 31.7863, 8.4486

Details

The YIQ color **130.2180, 50.0170, 24.1690** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **163.7820, -50.0170, -24.1690**, and the grayscale version is **130.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **184.8980, 53.9140, 25.1300**, and **77.7660, 45.4780, 23.8300** is the 20% darker color. If you saturate the color by 10%, you get **117.2410, 60.3780, 29.1300**, and if you desaturate by 10%, it is **143.1950, 39.6560, 19.2080**.

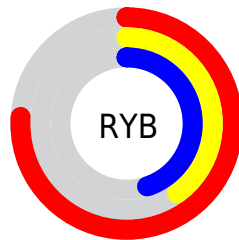
Distribution



Red (76%)

Green (40%)

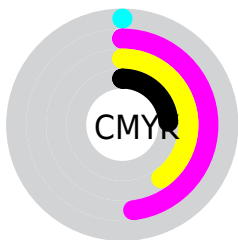
Blue (45%)



Red (76%)

Yellow (40%)

Blue (45%)

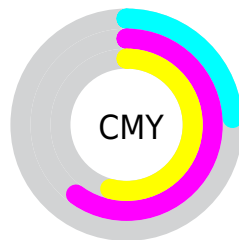


Cyan (0%)

Magenta (48%)

Yellow (40%)

Black (24%)



Cyan (24%)


Magenta (60%)


Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 130.2180, 50.0170, 24.1690 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 130.2180, 50.0170, 24.1690 by changing the saturation by 10% instead.


 130.2180, 50.0170,
24.1690


 130.2180, 50.0170,
24.1690


255.0000, -0.0000,
-0.0000


 103.5490, 47.5870,
24.1550


 184.8980, 53.9140,
25.1300


 77.7660, 45.4780,
23.8300


 204.7220, 39.6100,
20.0420


 51.9230, 43.5980,
24.8620

 224.3500, 22.9220,
14.1060

 27.4820, 40.5260,
25.4700

 244.6790, 5.6380,
7.9580

 17.0430, 33.9720,
12.0840

 7.5890, 14.5790,
5.6110

 0.0000, 0.0000,

0.0000

■ 130.2180, 50.0170,
24.1690

■ 130.2180, 50.0170,
24.1690

■ 117.2410, 60.3780,
29.1300

■ 143.1950, 39.6560,
19.2080

■ 103.6770, 71.0140,
34.6140

■ 156.7590, 29.0200,
13.7240

■ 90.7000, 81.3750,
39.5750

■ 169.7360, 18.6590,
8.7630

■ 77.6090, 92.0570,
44.2250

■ 182.8270, 7.9770,
4.1130

■ 64.0450, 102.6930,
49.7090

■ 195.8040, -2.3840,
-0.8480

■ 61.3550, 104.7560,
50.8680

■ 209.3680,
-13.0200, -6.3320

■ 222.3450,
-23.3810, -11.2930

■ 235.3220,
-33.7420, -16.2540

■ 236.4620,
-36.9520, -13.1440

Harmonies

Analogous

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



132.2670, 31.1260, 30.6300



130.2180, 50.0170, 24.1690



128.9990, 54.4670, 9.5950

Triad

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



130.2180, 50.0170, 24.1690



120.2600, -4.8090, -28.4970



103.0080, -99.9030, -12.1510

Complementary

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



130.2180, 50.0170, 24.1690



163.7820, -50.0170, -24.1690

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.



104.3640, -95.4540, -21.1980



130.2180, 50.0170, 24.1690



111.6650, -45.6140, -32.3820

Square

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



130.2180, 50.0170, 24.1690



124.5150, 25.4500, -20.7100



101.8900, -85.7320, -32.1960



126.9670, -38.7910, 14.6890

Rectangle

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



130.2180, 50.0170, 24.1690



127.9840, 49.6550, -2.3210



101.8900, -85.7320, -32.1960



104.1990, -99.1230, -15.2750

Sweetspot

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



130.2180, 50.0170, 24.1690



226.1490, 18.9340, 9.2860



134.5110, 16.3600, 44.9360



110.6210, 11.5530, 5.3850



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



130.2180, 50.0170, 24.1690



152.4930, 77.5240, 37.7800



146.7050, 46.3070, 3.2910



90.2180, 5.3180, 2.7420



51.1030, 87.6100, 42.2180



10.4370, 18.0630, 8.5510

Inverse Universe

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



130.2180, 50.0170, 24.1690



152.4930, 77.5240, 37.7800



147.2950, -46.3070, -3.2910



90.2180, 5.3180, 2.7420



51.1030, 87.6100, 42.2180



10.4370, 18.0630, 8.5510

Previews

White Background



This preview shows how the YIQ color 130.2180, 50.0170, 24.1690 looks on a white background.

Color Contrast Check

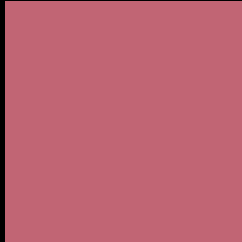
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 130.2180, 50.0170, 24.1690 looks on a black 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

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

YIQ 130.2180, 50.0170, 24.1690

Background



This preview shows how black text looks on a background with the YIQ color 130.2180, 50.0170, 24.1690.



This preview shows how white text looks on a background with the YIQ color 130.2180, 50.0170,

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

130.2180, 50.0170, 24.1690

Protanopia

129.8260, 0.5500, 1.0460

Deuteranopia

130.3950, 17.8810, 0.8330



Tritanopia

130.0070, 51.9890, 21.4690

Trichromacy



Original Color

130.2180, 50.0170, 24.1690

Protanomaly

130.2630, 18.6130, 9.5970

Deuteranomaly

130.0100, 29.5710, 9.2430

Tritanomaly

130.3490, 51.0260, 22.4020

Monochromacy



Original Color

130.2180, 50.0170, 24.1690

Achromatopsia

130.0000, -0.0000, -0.0000

Achromatomaly

129.8500, 18.3380, 9.0740

CSS Examples

Text

The CSS property to change the color of the text to YIQ 130.2180, 50.0170, 24.1690 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(193, 101, 116)` looks like.

```
.text, #text, p{  
    color:rgb(193, 101, 116)  
}
```

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(193, 101, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 101, 116) }
```

Border

The CSS property to change the border of an element to YIQ 130.2180, 50.0170, 24.1690 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(193, 101, 116) }
```


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

```
.border{ border-color:rgb(193, 101, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 101, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 101, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 101, 116);  
box-shadow:4px 4px 4px 4px rgb(193, 101,  
116) }
```

Background

The CSS property to change the background color of an element to YIQ 130.2180, 50.0170, 24.1690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 101, 116) }
```

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

```
.background{ background-color: rgb(193,  
101, 116) }
```

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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